
Appendix C2

Energy Usage Analysis

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January 31, 2025

Lennar Homes
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RE: Carlton Oaks Country Club and Resort - Energy Usage Analysis – Santee CA

This analysis evaluates both construction and operational energy efficiency as it relates to non-renewable fuel sources including Electrical, Natural Gas and liquid fuels (Diesel and Gasoline) for the proposed Carlton Oaks Country Club and Resorts Development.

The overall Project site sits on roughly 100.6 acres in the City of Santee and 64.2 acres in the City of San Diego. The existing operations consists of a 145-acre 18-hole golf course, clubhouse, pool, restaurant, and golf amenities such as a pro-shop and driving range as well as multiple sheds and a maintenance building. In addition, the existing development has a 43-unit hotel and 9 single story casitas which look like residential units. Combined the hotel and casitas operate as a 52-unit hotel. The existing hardscape is approximately 106,000 square feet making up the onsite parking and roadways. The existing golf course has roots dating back to the 1950's and was last renovated in 1989.

The proposed project would demolish all existing facilities onsite and reconstruct them using the latest energy efficient construction techniques. The project would construct a new reduced size 104-acre golf course and golf amenities, clubhouse, pool, restaurant, and a new energy efficient 52-unit hotel. The Project would include parking with 292 parking spaces. In addition, the project would construct 236 multi-family residential units and six (6) single-family residential units.

This effort was prepared according to requirements established within Public Resource Code (PRC) Section 21100(b)(3) and California Environmental Quality Act (CEQA) Guidelines Section 15126.4. The intent is to adequately address the following CEQA question:

Would the project:

- 1. Result in a potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?*
- 2. Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?*

Project Design Features

This project will include Project Design Features (PDFs) that reduce greenhouse gases, air quality emissions as well as energy. The PDFs included in this project are as follows:

- PDF 1: The proposed project will comply with California Title 24 Energy Code (2022) or said Code in effect at the time of building permit application that requires the following energy efficient items in all residential units: improved HVAC systems with sealed (tight) air ducts; enhanced ceiling, attic and wall insulation; install energy conserving appliances such as whole house fans; high-efficiency water heaters (tankless water heaters); energy-efficient three coat stucco exteriors; energy efficient appliances; programmable thermostat timers; and high-efficiency window glazing.
- PDF 2: As a matter of regulatory compliance, the project would comply with Section 5.106.5.2 of CALGreen Code (2022) or said Code in effect at the time of building permit application Code (CALGreen Code), which requires the provision of designated parking for shared vehicles and clean air vehicles. This will occur at the resort facility and the Project's parks. This revision simply indicates that the Project would utilize the latest CALGreen Code when building permits are requested by the Project. Currently the latest code applicable to this Project as of the date of this report is CALGreen Code (2022) which went into effect on January 1, 2023.
- PDF 3: All uses onsite with the exception of the restaurant will be "All Electric". Natural gas will only be installed for the restaurant's use.
- PDF 4: The Project will install Energy Star-rated Appliances for all residential appliances and will install Energy Star rated appliances such as refrigerators in the Hotel and Restaurant.
- PDF 5: Low-flow toilets, faucets, and shower heads will be installed throughout the entire project.
- PDF 6: Areas for storage and collection of recyclables and yard waste will be provided.
- PDF 7: Every residential dwelling unit garage (242 units) will have Level 2 Electric Vehicle Supply Equipment (EVSE) installed.

- PDF 8: 45 percent of all non-residential parking spaces will be Electric Vehicle (EV) capable¹ (132 Spaces) and 33 percent of these EV capable parking spaces will have EVCS installed (44 Units).
- PDF 9: The Project will plant approximately 645 new trees within the development or 414 new trees in the residential development, 60 new trees on the golf course, and 171 new trees at the hotel site and access road.
- PDF 10: The Project would install at least 1,168 kW of solar onsite (1,089 kW on the residential units and 79 kW on the new resort). This exceeds the SSP requirements from Goal 10 as shown below.

It should be noted that under the SSP the Project would be required to install 1 kW per unit for each multi-family unit, 2 kW per unit for each single-family unit and 1.5 kW per square foot for commercial buildings. Under the SSP, 236 kW would be required for the multi-family development, 12 kW would be required for the single-family housing units and roughly 78 kW for the commercial development 51,926 SF of commercial facilities. Given this, the SSP would call for at least 326 kW in total.

Construction

Energy usage for construction equipment is best estimated using total horsepower hours and an assumed thermal efficiency of 30%. The most common measure of the energy efficiency of a tractor is referred to here as "specific volumetric fuel consumption" (SVFC), which is given in units of gallons per horsepower-hour (gal/hp-h). SVFC for diesel engines typically ranges from 0.0476 to 0.1110 gal/hp-h. Inverting these numbers yields a range of between 12-21 hp-h/gal. Over the last 30 years, fuel efficiency at maximum power has increased from roughly 14.5 to 16.5 hp-h/gal (VirginiaTech, 2010).

Project construction dates were estimated using CalEEMod and follow assumptions identified in the project GHG analysis (LDN Consulting, 2025) with construction starting in 2025 and construction completing in early 2029. Based on the equipment, quantity, work time, Horsepower (HP), the project would require a total of 3,278,965.79 hp-h (See Table 1 Below). Based on this, the project would consume roughly 2,198,725.20 gallons of diesel for construction. It should be noted that the Project would include electric air compressors during the architectural coating phases which would consume small amounts of electricity. It should be noted that fuel consumption would go up if diesel construction equipment is poorly

¹ EV Capable means that dedicated electrical panel capacity and raceway infrastructure is provided to support a future 40-ampere, 208/240-volt branch circuit for a future dedicated Level 2 EVSE.

maintained. Based on this, the project shall properly maintain all equipment per manufacture recommendations. The model is provided as **Attachments A** to this report.

Table 1: Proposed Construction Phase and Duration

Equipment Identification	Days	Number per Day	Hours Per Day	Hp	Load Factor	HP Hours
Project Import	135					
Crawler Tractors		1	6	87	0.43	30,302.10
Project Paving	134					
Pavers		2	8	81	0.42	72,938.88
Paving Equipment		2	8	89	0.36	68,693.76
Rollers		2	8	36	0.38	29,329.92
NAR-Demolition	50					
Concrete/Industrial Saws		1	4	33	0.73	4,818.00
Excavators		1	4	36	0.38	2,736.00
Crawler Tractors		1	4	87	0.43	7,482.00
NAR-Grading	70					
Graders		1	4	148	0.41	16,990.40
Rubber Tired Dozers		1	4	367	0.4	41,104.00
Scrapers		2	4	423	0.48	113,702.40
Crawler Tractors		2	4	87	0.43	20,949.60
NAR - Wet Utilities	175					
Excavators		2	8	36	0.38	38,304.00
Tractors/Loaders/Back hoes		2	8	84	0.37	87,024.00
Rubber Tired Loaders		2	6	150	0.36	113,400.00
NAR - Dry Utilities	127					
Skid Steer Loaders		1	8	71	0.37	26,690.32
Rollers		1	8	36	0.38	13,898.88
Tractors/Loaders/Back hoes		1	8	84	0.37	31,577.28
NAR-Building Construction	445					
Forklifts		2	4	82	0.2	58,384.00
Tractors/Loaders/Back hoes		2	7	84	0.37	193,628.40
Welders		1	8	46	0.45	73,692.00
Rough Terrain Forklifts		1	4	96	0.4	68,352.00
NAR-Architectural Coating	119					

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Air Compressors (Electric)						
WAR-Grading	60					
Graders		1	4	148	0.41	14,563.20
Rubber Tired Dozers		1	4	367	0.4	35,232.00
Scrapers		2	4	423	0.48	97,459.20
Crawler Tractors		2	4	87	0.43	17,956.80
WAR - Wet Utilities	120					
Excavators		2	8	36	0.38	26,265.60
Tractors/Loaders/Back hoes		2	8	84	0.37	59,673.60
Rubber Tired Loaders		2	6	150	0.36	77,760.00
WAR - Dry Utilities	100					
Skid Steer Loaders		1	8	71	0.37	21,016.00
Rollers		1	8	36	0.38	10,944.00
Tractors/Loaders/Back hoes		1	8	84	0.37	24,864.00
WAR-Building Construction	415					
Forklifts		2	4	82	0.2	54,448.00
Tractors/Loaders/Back hoes		2	7	84	0.37	180,574.80
Welders		1	8	46	0.45	68,724.00
Rough Terrain Forklifts		1	4	96	0.4	63,744.00
WAR-Architectural Coating	66					
Air Compressors (Electric)						
Hotel/Golf Course- Grading Excavation	193					
Rubber Tired Dozers		1	2	367	0.4	56,664.80
Graders		1	2	148	0.41	23,422.48
Scrapers		1	8	423	0.48	313,493.76
Crawler Tractors		1	3	87	0.43	21,660.39
Hotel/Golf Course- Grading	180					
Graders		1	4	148	0.41	43,689.60
Rubber Tired Dozers		1	4	367	0.4	105,696.00
Scrapers		2	4	423	0.48	292,377.60
Crawler Tractors		2	4	87	0.43	53,870.40
Hotel/Golf Course- Finish	47					
Graders		1	8	148	0.41	22,815.68
Crawler Tractors		1	8	87	0.43	14,066.16
Scrapers		1	5	423	0.48	47,714.40

Hotel/Golf Course-Clubhouse Construction	108					
Cranes		1	7	367	0.29	80,461.08
Forklifts		1	4	82	0.2	7,084.80
Tractors/Loaders/Back hoes		2	7	84	0.37	46,992.96
Welders		1	8	46	0.45	17,884.80
Rough Terrain Forklifts		1	4	96	0.4	16,588.80
Hotel/Golf Course-Clubhouse Architectural Coa	21					
Air Compressors (Electric)						
Hotel/Golf Course - Hotel Construction	158					
Cranes		1	7	367	0.29	117,711.58
Forklifts		1	4	82	0.2	10,364.80
Tractors/Loaders/Back hoes		2	7	84	0.37	68,748.96
Welders		1	8	46	0.45	26,164.80
Rough Terrain Forklifts		1	4	96	0.4	24,268.80
Hotel/Golf Course-Hotel Architectural Coating	27					
Air Compressors (Electric)						
Total Horsepower Hours						3,278,965.79
Total Diesel Fuel (Gal) @ 16.5 hp-h/gal						198,725.20
This equipment list is based upon equipment inventory and estimates within CalEEMod 2022.1						

Construction energy from workers, vendors, and haulage are based on the estimated vehicle miles traveled (VMT) for the total construction duration which is 1,278,082 miles for the project which is calculated from the CalEEMod output file provided in **Attachment A** to this report. In California, the average fuel economy for on-road vehicles is 24.1 miles per gal or 0.0415 gal/mile (CARB, 2022). Based on this, the vehicular trips from workers, vendors and haulage would consume roughly 53,040 gallons of fuel during construction.

On-road vehicles are regulated by state and federal regulations and, vehicular fleet efficiencies are getting better each year. Additionally, all construction equipment should be maintained as needed per the manufacturers' recommendations.

The proposed equipment would be required to construct the proposed project. The equipment will be maintained and operated in accordance with the equipment manufacturer's recommendations. Since the construction equipment would not be in excess of what would be

required to complete the project, the construction activities would not be *wasteful, inefficient, or unnecessary as related to the required consumption of energy resources during project construction*. Therefore, a less than significant energy impact would be expected during the construction activities of the project.

Operations

Existing Operations – Utility Energy Demand

The existing development was built between the 1950s and 1989. At that time, the facilities constructed lacked advanced energy-saving technologies and would now be considered inefficient by modern standards. The proposed Project would demolish the existing development and reconstruct and add additional residential units. Energy from the existing uses is calculated using CalEEMod 2022.1.1.29 as a means to quantify existing energy usage. Ideally, energy and water usage data for this existing site would reflect conditions from 1989, the last renovation year of the COCCR. CalEEMod's earliest applicable model year for modeling is 2010. However, to be conservative, emissions from the existing COCCR's operations were calculated based on a 2021 operational year scenario which is consistent with the Project GHG analysis (LDN Consulting, 2025). Default settings were applied within CalEEMod for existing GHG sources, except for mobile trip estimates, which were provided by the Project Traffic Engineer at 1,588 daily trips covering 10,092 vehicle miles traveled (VMT) (Intersecting Metrics, 2025). The CalEEMod input/output file was manually updated to include these trips for the existing onsite uses which is provided as **Attachment B** to this report.

Based on these findings, the existing Project's annual energy consumption is estimated to be 4,697,491 kBTU/year of natural gas (where 1 kBTU equals 1,000 British Thermal Units, the energy required to heat one pound of water by 1°F) and 1,227,265 kilowatt-hours/year (kWH/Year) of electricity (where 1 kWh represents the energy used by a 1,000-watt device running for one hour).

In addition, based on the Traffic analysis for the existing uses, the existing site generates 3,682,577 VMT annually which will be discussed later in this report.

Table 2: Annul Energy Use Project vs. GP Buildout Scenario

Energy Source	Project
Natural Gas Usage (kBTU/Year)	4,697,491 kBTU
Electrical Usage (kWH)	1,227,265 kWH

Propose Project– Utility Energy Demand

The State of California has implemented a number of energy reducing policies largely geared to reducing Greenhouse gases (GHGs). The most notable are Assembly Bill (AB) 32, Senate Bill (SB) 32, and Executive Order (EO) S-3-05. In addition, the state has implemented two scoping plan updates which are geared to reduce GHG emissions by reducing energy consumption, increasing energy efficiency and increasing the usage of renewable sources. The state has also taken a strong step in increasing building efficiencies under Title 24, Part 6 of California's Code of Regulations. The project would be required, at a minimum, to comply with the latest version of Title 24 standards at the time the project seeks building permits. At the time this report was written, the 2022 standards were applicable and went into effect on January 1, 2023. The 2023 standards continue to improve upon the 2019 standards for residential and nonresidential buildings. It should be noted that the State updates these regulations every three years.

In addition to the CEC's efforts, in 2008, the California Building Standards Commission adopted the nation's first green building standards. The California Green Building Standards Code (Part 11 of Title 24) is commonly referred to as CALGreen and establishes minimum mandatory standards as well as voluntary standards pertaining to the planning and design of sustainable site development, energy efficiency (in excess of the California Energy Code requirements), water conservation, material conservation, and interior air quality. The current CALGreen standards were last updated in 2022 and went into effect January 1, 2023. CALGreen standards include mandatory measures for planning and design, energy efficiency, water and conservation efficiency, material and resource conservation as well as Environmental Quality (California Title 24, Part 11, 2022).

Finally, the state has implemented a number of regulations which force electrical utility providers to increase renewable portfolios or procurement. Specifically, the following policies and how they shaped the current energy supply and the future energy horizon are noted below:

SB 1078 (2002) established the Renewables Portfolio Standard (RPS) program, which requires an annual increase in renewable generation by the utilities equivalent to at least 1 percent of sales, with an aggregate goal of 20 percent by 2017. This goal was subsequently accelerated, requiring utilities to obtain 20 percent of their power from renewable sources by 2010.

SB X1 2 (2011) expanded the RPS by establishing that 20 percent of the total electricity sold to retail customers in California per year by December 31, 2013, and 33 percent by December 31, 2020, and in subsequent years be secured from qualifying renewable energy sources. Under the bill, a renewable electrical generation facility is one that uses biomass, solar thermal, photovoltaic, wind, geothermal, fuel cells using renewable fuels, small hydroelectric generation of 30 megawatts or less, digester gas, municipal solid waste conversion, landfill gas, ocean wave, ocean thermal, or tidal current, and that meets other specified requirements with respect

to its location. In addition to the retail sellers previously covered by the RPS, SB X1 2 added local, publicly owned electric utilities to the RPS.

SB 350 (2015) further expanded the RPS by establishing that 50 percent of the total electricity sold to retail customers in California per year by December 31, 2030 be secured from qualifying renewable energy sources. In addition, SB 350 includes the goal to double the energy efficiency savings in electricity and natural gas final end uses (such as heating, cooling, lighting, or class of energy uses on which an energy-efficiency program is focused) of retail customers through energy conservation and efficiency.

SB 100 (2018) has further accelerated and expanded the RPS, requiring achievement of a 50 percent RPS by December 31, 2026, and a 60 percent RPS by December 31, 2030. SB 100 also established a new statewide policy goal that calls for eligible renewable energy resources and zero-carbon resources to supply 100 percent of electricity retail sales and 100 percent of electricity procured to serve all state agencies by December 31, 2045.

The natural gas and electrical energy usage utilized by project is presented in Table 3 below. Based on the results, the project is estimated to consume 413,091 kBTU of natural gas for the restaurant use which is the only use which will be connected to natural gas. The project would also consume 5,618,387 kWh of electrical energy annually without electric vehicles and solar reductions. These energy numbers were taken from **Attachments A and B**, for the proposed Project and Existing Use, respectively.

Table 3: Annul Energy Use Project vs. GP Buildout Scenario

Energy Source	Project
Existing Site Natural Gas Usage (kBTU/Year)	4,697,491
Proposed Project Natural Gas Usage (kBTU/Year)	413,091
Natural Gas Energy - Net Difference (kBTU/Year)	-4,284,400
Existing Electrical Usage (kWH/Year)	1,227,265
Proposed Electrical Usage (kWH/Year)	5,618,387
Electrical Energy - Net Difference (kWH/Year)	4,391,122

The proposed Carlton Oaks Country Club and Resort project represents a notable shift in energy usage compared to the existing site. The existing operations consume approximately 4,697,491 kBTU/year of natural gas, which will be drastically reduced to 413,091 kBTU/year under the proposed project—a net reduction of 4,284,400 kBTU/year would be expected. In contrast, electricity usage is projected to increase from 1,227,265 kWh/year to 5,618,387 kWh/year, a

net increase of 4,391,122 kWh/year. This shift reflects the project's move to electricity-based systems.

It should be noted that the Project would install 1,168 kW of solar onsite which would generate approximately 1,996,478 kWh of energy each year (shown as **Attachment C** to this report). Given this, the solar power would reduce the Project's electrical energy demand from the utility provider. Therefore, the total additional demand from the utility provider for the Project would be 2,394,644 kWh annually.

Energy – Vehicular Usage

The project traffic engineer estimated that the project would generate 3,536 trips and 25,710 VMT as indicated in the total vehicle miles traveled analysis memo (Intersecting Metrics, 2025). This equates to approximately 9,384,150 miles annually. The existing development was found to generate 3,682,577 VMT annually. Therefore, the net addition would be 5,701,573 miles annually.

Energy efficiency for vehicles is mandated by State specific policies geared to reduce GHG emissions. For example, in May 2022, the National Highway Traffic Safety Administration (NHTSA) published rules finalizing revised fuel economy standards for passenger cars and light trucks for 2024-2025 and the standards increase at a rate of 8 percent per year. Then in 2026 an increase in the efficiency standard by 10 percent would be required. NHTSA estimates that the industry fleet-wide average will be 49 miles per gallon (MPG) in 2026. (NHTSA, 2022). If this were the case, the Project net additional trips would require 116,359 gallons of fuel annually or 191,513 gallons for the 9,384,150 miles minus 75,153 gallons from the existing VMT.

In July 2023, NHTSA proposed new Corporate Average Fuel Economy (CAFE) standards for passenger cars and light trucks built in model years 2027-2032, and new fuel efficiency standards for heavy-duty pickup trucks and vans built in model years 2030-2035. If finalized, the proposal would require an industry fleet-wide average of approximately 58 miles per gallon for passenger cars and light trucks in MY 2032, by increasing fuel economy by 2 percent year over year for passenger cars and by 4 percent year over year for light trucks. (NHTSA, 2023).

In 2015, SB 350 – the Clean Energy and Pollution Reduction Act – was enacted into law. As one of its elements, SB 350 establishes a statewide policy for widespread electrification of the transportation sector, recognizing that such electrification is required for achievement of the state's 2030 and 2050 reduction targets (see Public Utilities Code Section 740.12). This was further expanded by requiring 100 percent of all new cars sold in the state by 2035 to be electric (See EO N-79-20 (CARB, 2023)).

The project development under PDF 7 and 8 would install electric vehicle chargers which would increase the usage of zero emission vehicles and would allow the project to be "ready" and

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consistent with the states EV regulations and goals. Based on the Project GHG analysis (LDN Consulting, 2025), to achieve the EV Goals in the State of California, in the operational year of 2029, the EV market share would be 14.53 percent. Since the Project would install EVSE in all garages and onsite common areas, it expected that the Project EV market share would meet or exceed the expectation of 14.53 percent. Therefore, we could expect a shift from gasoline to electricity for roughly 1,363,517 miles which would reduce gasoline consumption by 27,826 gallons annually. Given this, the Project would on average consume 88,533 gallons or (116,359-27,826) gallons annually.

Conclusion

Based on this analysis, the long-term energy demand during construction and operation of the proposed Carlton Oaks Country Club and Resorts Project would not result in wasteful or inefficient use of energy. The project incorporates multiple project design features such as the installation of 1,168 kW of onsite solar and EV infrastructure to support the transition to zero-emission vehicles. The Project also is being designed using a mostly all electric design to significantly reduce natural gas consumption and improve overall energy efficiency.

Given this, a less than significant impact under CEQA with respect to Energy Waste is expected and the project would not result in a wasteful or inefficient use of energy. Furthermore, the project would not conflict with or obstruct the State's or Local plans for renewable energy or energy efficiency.

Sincerely,
Ldn Consulting, Inc.

Jeremy Loudon, Principal

Attachment A: CalEEMod (Proposed COCCR Development)

Attachment B: CalEEMod (Existing COCCR Development)

Attachment C: NREL PV WATTS Energy Generation – 1,168 kW Solar

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ATTACHMENT A

CalEEMod 2022.1 – Proposed COCCR Development

LDN - Carlton Oaks Proposed Project -Mitigated Detailed Report

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- 3.46. Hotel/Golf Course-Hotel Architectural Coating (2028) - Mitigated
- 3.47. NAR - Wet Utilities (2026) - Unmitigated
- 3.48. NAR - Wet Utilities (2026) - Mitigated
- 3.49. NAR - Wet Utilities (2027) - Unmitigated
- 3.50. NAR - Wet Utilities (2027) - Mitigated
- 3.51. NAR - Dry Utilities (2027) - Unmitigated
- 3.52. NAR - Dry Utilities (2027) - Mitigated
- 3.53. WAR - Wet Utilities (2026) - Unmitigated
- 3.54. WAR - Wet Utilities (2026) - Mitigated
- 3.55. WAR - Wet Utilities (2027) - Unmitigated
- 3.56. WAR - Wet Utilities (2027) - Mitigated
- 3.57. WAR - Dry Utilities (2027) - Unmitigated

3.58. WAR - Dry Utilities (2027) - Mitigated

3.59. Hotel/Golf Course-Finish (2028) - Unmitigated

3.60. Hotel/Golf Course-Finish (2028) - Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	LDN - Carlton Oaks Proposed Project -Mitigated
Construction Start Date	8/4/2025
Operational Year	2029
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.60
Precipitation (days)	7.60
Location	32.84031356853605, -117.01200407659489
County	San Diego
City	Santee
Air District	San Diego County APCD
Air Basin	San Diego
TAZ	6540
EDFZ	12
Electric Utility	San Diego Gas & Electric
Gas Utility	San Diego Gas & Electric
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Condo/Townhouse	236	Dwelling Unit	14.8	250,160	80,000	—	658	—

Golf Course	104	Acre	104	0.00	4,530,240	4,530,240	—	—
Parking Lot	292	Space	2.63	0.00	0.00	0.00	—	—
Other Asphalt Surfaces	378	1000sqft	8.68	0.00	0.00	0.00	—	—
Racquet Club	23.3	1000sqft	0.54	23,325	0.00	0.00	—	—
Hotel	52.0	Room	1.73	75,504	92,482	0.00	—	—
Quality Restaurant	3.67	1000sqft	0.08	3,675	0.00	0.00	—	—
Single Family Housing	6.00	Dwelling Unit	1.95	11,700	70,277	—	17.0	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Energy	E-2	Require Energy Efficient Appliances
Water	W-4	Require Low-Flow Water Fixtures
Waste	S-1/S-2	Implement Waste Reduction Plan

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	25.1	45.7	53.4	0.11	1.95	9.96	11.9	1.78	2.75	4.53	—	13,767	13,767	0.59	0.70	14,001
Mit.	24.0	12.7	67.2	0.11	0.24	9.96	10.2	0.22	2.75	2.98	—	13,767	13,767	0.59	0.70	14,001
% Reduced	4%	72%	-26%	—	87%	—	14%	87%	—	34%	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	39.9	38.9	52.9	0.10	1.78	5.75	7.53	1.63	1.99	3.63	—	11,492	11,492	0.48	0.58	11,574
Mit.	39.3	12.3	66.7	0.10	0.20	5.75	5.93	0.20	1.99	2.17	—	12,073	12,073	0.50	0.58	12,156
% Reduced	2%	68%	-26%	-6%	88%	—	21%	87%	—	40%	—	-5%	-5%	-5%	—	-5%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	9.00	20.9	31.2	0.05	0.78	2.24	3.02	0.72	0.69	1.41	—	6,540	6,540	0.27	0.17	6,600
Mit.	8.14	6.90	36.5	0.05	0.11	2.24	2.35	0.11	0.69	0.80	—	6,720	6,720	0.28	0.17	6,781
% Reduced	10%	67%	-17%	-3%	86%	—	22%	85%	—	44%	—	-3%	-3%	-3%	-1%	-3%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.64	3.81	5.69	0.01	0.14	0.41	0.55	0.13	0.13	0.26	—	1,083	1,083	0.05	0.03	1,093
Mit.	1.49	1.26	6.65	0.01	0.02	0.41	0.43	0.02	0.13	0.15	—	1,113	1,113	0.05	0.03	1,123
% Reduced	10%	67%	-17%	-3%	86%	—	22%	85%	—	44%	—	-3%	-3%	-3%	-1%	-3%

2.2. Construction Emissions by Year, Unmitigated

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

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.49	8.99	6.14	0.03	0.20	1.20	1.40	0.19	0.29	0.48	—	4,056	4,056	0.28	0.58	4,244
2026	4.96	45.7	43.4	0.11	1.95	9.96	11.9	1.78	2.75	4.53	—	13,767	13,767	0.59	0.70	14,001
2027	4.76	37.8	53.4	0.10	1.52	4.33	5.85	1.40	1.40	2.80	—	11,548	11,548	0.47	0.31	11,633
2028	25.1	30.1	48.3	0.08	1.00	1.52	2.48	0.92	0.37	1.28	—	10,243	10,243	0.39	0.27	10,340

Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.47	9.28	6.14	0.03	0.20	1.20	1.40	0.19	0.29	0.48	—	4,053	4,053	0.28	0.58	4,234
2026	4.54	38.9	38.1	0.09	1.78	5.75	7.53	1.63	1.99	3.63	—	9,844	9,844	0.41	0.58	9,900
2027	4.75	37.9	52.9	0.10	1.52	4.33	5.85	1.40	1.40	2.80	—	11,492	11,492	0.48	0.26	11,574
2028	39.9	22.8	38.6	0.06	0.67	1.52	2.07	0.62	0.37	0.96	—	7,596	7,596	0.29	0.25	7,674
2029	13.3	5.00	10.4	0.02	0.10	0.93	1.03	0.09	0.23	0.31	—	2,443	2,443	0.09	0.13	2,484
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.14	2.70	1.79	0.01	0.06	0.35	0.41	0.06	0.09	0.14	—	1,189	1,189	0.08	0.17	1,243
2026	1.20	11.0	11.4	0.03	0.45	1.89	2.34	0.41	0.54	0.95	—	3,305	3,305	0.15	0.16	3,357
2027	2.68	20.9	31.2	0.05	0.78	2.24	3.02	0.72	0.69	1.41	—	6,540	6,540	0.27	0.17	6,600
2028	9.00	12.1	21.1	0.03	0.34	0.96	1.30	0.31	0.23	0.55	—	4,483	4,483	0.17	0.16	4,537
2029	0.31	0.12	0.24	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	57.6	57.6	< 0.005	< 0.005	58.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.03	0.49	0.33	< 0.005	0.01	0.06	0.07	0.01	0.02	0.03	—	197	197	0.01	0.03	206
2026	0.22	2.00	2.08	< 0.005	0.08	0.35	0.43	0.08	0.10	0.17	—	547	547	0.02	0.03	556
2027	0.49	3.81	5.69	0.01	0.14	0.41	0.55	0.13	0.13	0.26	—	1,083	1,083	0.05	0.03	1,093
2028	1.64	2.22	3.84	0.01	0.06	0.18	0.24	0.06	0.04	0.10	—	742	742	0.03	0.03	751
2029	0.06	0.02	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.53	9.53	< 0.005	< 0.005	9.70

2.3. Construction Emissions by Year, Mitigated

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

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.29	7.21	6.12	0.03	0.07	1.20	1.26	0.07	0.29	0.36	—	4,056	4,056	0.28	0.58	4,244
2026	1.26	10.5	54.7	0.11	0.24	9.96	10.2	0.22	2.75	2.98	—	13,767	13,767	0.59	0.70	14,001

2027	1.83	12.7	67.2	0.10	0.20	4.33	4.53	0.20	1.40	1.60	—	12,128	12,128	0.50	0.32	12,215
2028	24.0	9.22	55.4	0.08	0.16	1.52	1.65	0.16	0.37	0.52	—	10,243	10,243	0.39	0.27	10,340
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.27	7.49	6.12	0.03	0.07	1.20	1.26	0.07	0.29	0.36	—	4,053	4,053	0.28	0.58	4,234
2026	1.07	7.29	49.5	0.09	0.17	5.75	5.93	0.17	1.99	2.17	—	9,844	9,844	0.41	0.58	9,900
2027	1.50	12.3	66.7	0.10	0.20	4.33	4.53	0.20	1.40	1.60	—	12,073	12,073	0.50	0.26	12,156
2028	39.3	8.28	41.7	0.06	0.12	1.52	1.61	0.12	0.37	0.46	—	7,596	7,596	0.29	0.25	7,674
2029	13.0	2.48	10.7	0.02	0.03	0.93	0.96	0.02	0.23	0.25	—	2,443	2,443	0.09	0.13	2,484
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.08	2.18	1.78	0.01	0.02	0.35	0.37	0.02	0.09	0.10	—	1,189	1,189	0.08	0.17	1,243
2026	0.32	2.83	14.0	0.03	0.06	1.89	1.95	0.05	0.54	0.60	—	3,305	3,305	0.15	0.16	3,357
2027	0.99	6.90	36.5	0.05	0.11	2.24	2.35	0.11	0.69	0.80	—	6,720	6,720	0.28	0.17	6,781
2028	8.14	4.53	23.1	0.03	0.07	0.96	1.03	0.07	0.23	0.30	—	4,483	4,483	0.17	0.16	4,537
2029	0.30	0.06	0.25	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	57.6	57.6	< 0.005	< 0.005	58.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.02	0.40	0.33	< 0.005	< 0.005	0.06	0.07	< 0.005	0.02	0.02	—	197	197	0.01	0.03	206
2026	0.06	0.52	2.56	< 0.005	0.01	0.35	0.36	0.01	0.10	0.11	—	547	547	0.02	0.03	556
2027	0.18	1.26	6.65	0.01	0.02	0.41	0.43	0.02	0.13	0.15	—	1,113	1,113	0.05	0.03	1,123
2028	1.49	0.83	4.21	0.01	0.01	0.18	0.19	0.01	0.04	0.05	—	742	742	0.03	0.03	751
2029	0.06	0.01	0.05	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.53	9.53	< 0.005	< 0.005	9.70

2.4. Operations Emissions Compared Against Thresholds

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

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

Unmit.	23.7	7.54	118	0.20	0.15	18.2	18.3	0.14	4.60	4.74	261	21,192	21,453	27.7	0.91	22,593
Mit.	23.7	7.54	118	0.20	0.15	18.2	18.3	0.14	4.60	4.74	198	21,154	21,352	21.4	0.90	22,330
% Reduced	—	—	—	—	—	—	—	—	—	—	24%	< 0.5%	< 0.5%	23%	1%	1%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	23.5	8.26	114	0.19	0.15	18.2	18.3	0.14	4.60	4.74	261	20,306	20,566	27.8	0.96	21,674
Mit.	23.5	8.26	114	0.19	0.15	18.2	18.3	0.14	4.60	4.74	198	20,267	20,465	21.4	0.95	21,411
% Reduced	—	—	—	—	—	—	—	—	—	—	24%	< 0.5%	< 0.5%	23%	1%	1%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	23.1	8.09	102	0.19	0.15	18.1	18.2	0.14	4.58	4.72	261	20,416	20,676	27.7	0.95	21,801
Mit.	23.1	8.09	102	0.19	0.15	18.1	18.2	0.14	4.58	4.72	198	20,377	20,575	21.4	0.94	21,538
% Reduced	—	—	—	—	—	—	—	—	—	—	24%	< 0.5%	< 0.5%	23%	1%	1%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.21	1.48	18.7	0.04	0.03	3.30	3.32	0.03	0.84	0.86	43.2	3,380	3,423	4.59	0.16	3,609
Mit.	4.21	1.48	18.7	0.04	0.03	3.30	3.32	0.03	0.84	0.86	32.7	3,374	3,406	3.55	0.16	3,566
% Reduced	—	—	—	—	—	—	—	—	—	—	24%	< 0.5%	< 0.5%	23%	1%	1%

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	11.9	7.24	79.5	0.20	0.14	18.2	18.3	0.13	4.60	4.73	—	20,138	20,138	0.95	0.78	20,444

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Area	11.8	0.19	38.3	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	79.3	79.3	< 0.005	< 0.005	79.6
Energy	0.01	0.11	0.09	< 0.005	0.01	—	0.01	0.01	—	0.01	—	863	863	0.55	0.07	897
Water	—	—	—	—	—	—	—	—	—	—	23.6	112	135	2.50	0.07	218
Waste	—	—	—	—	—	—	—	—	—	—	237	0.00	237	23.7	0.00	830
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	126
Total	23.7	7.54	118	0.20	0.15	18.2	18.3	0.14	4.60	4.74	261	21,192	21,453	27.7	0.91	22,593
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	11.7	7.96	75.7	0.19	0.14	18.2	18.3	0.13	4.60	4.73	—	19,251	19,251	1.01	0.83	19,524
Area	11.8	0.19	38.3	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	79.3	79.3	< 0.005	< 0.005	79.6
Energy	0.01	0.11	0.09	< 0.005	0.01	—	0.01	0.01	—	0.01	—	863	863	0.55	0.07	897
Water	—	—	—	—	—	—	—	—	—	—	23.6	112	135	2.50	0.07	218
Waste	—	—	—	—	—	—	—	—	—	—	237	0.00	237	23.7	0.00	830
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	126
Total	23.5	8.26	114	0.19	0.15	18.2	18.3	0.14	4.60	4.74	261	20,306	20,566	27.8	0.96	21,674
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	11.5	7.84	75.5	0.19	0.14	18.1	18.2	0.13	4.58	4.71	—	19,385	19,385	1.00	0.82	19,675
Area	11.5	0.13	26.9	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	55.7	55.7	< 0.005	< 0.005	55.9
Energy	0.01	0.11	0.09	< 0.005	0.01	—	0.01	0.01	—	0.01	—	863	863	0.55	0.07	897
Water	—	—	—	—	—	—	—	—	—	—	23.6	112	135	2.50	0.07	218
Waste	—	—	—	—	—	—	—	—	—	—	237	0.00	237	23.7	0.00	830
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	126
Total	23.1	8.09	102	0.19	0.15	18.1	18.2	0.14	4.58	4.72	261	20,416	20,676	27.7	0.95	21,801
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.11	1.43	13.8	0.03	0.03	3.30	3.32	0.02	0.84	0.86	—	3,209	3,209	0.16	0.14	3,257
Area	2.11	0.02	4.90	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	9.22	9.22	< 0.005	< 0.005	9.26
Energy	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	143	143	0.09	0.01	148

Water	—	—	—	—	—	—	—	—	—	—	3.91	18.5	22.4	0.41	0.01	36.1
Waste	—	—	—	—	—	—	—	—	—	—	39.3	0.00	39.3	3.92	0.00	137
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.8
Total	4.21	1.48	18.7	0.04	0.03	3.30	3.32	0.03	0.84	0.86	43.2	3,380	3,423	4.59	0.16	3,609

2.6. Operations Emissions by Sector, Mitigated

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

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	11.9	7.24	79.5	0.20	0.14	18.2	18.3	0.13	4.60	4.73	—	20,138	20,138	0.95	0.78	20,444
Area	11.8	0.19	38.3	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	79.3	79.3	< 0.005	< 0.005	79.6
Energy	0.01	0.11	0.09	< 0.005	0.01	—	0.01	0.01	—	0.01	—	827	827	0.52	0.06	858
Water	—	—	—	—	—	—	—	—	—	—	20.0	110	130	2.13	0.06	201
Waste	—	—	—	—	—	—	—	—	—	—	178	0.00	178	17.8	0.00	622
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	126
Total	23.7	7.54	118	0.20	0.15	18.2	18.3	0.14	4.60	4.74	198	21,154	21,352	21.4	0.90	22,330
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	11.7	7.96	75.7	0.19	0.14	18.2	18.3	0.13	4.60	4.73	—	19,251	19,251	1.01	0.83	19,524
Area	11.8	0.19	38.3	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	79.3	79.3	< 0.005	< 0.005	79.6
Energy	0.01	0.11	0.09	< 0.005	0.01	—	0.01	0.01	—	0.01	—	827	827	0.52	0.06	858
Water	—	—	—	—	—	—	—	—	—	—	20.0	110	130	2.13	0.06	201
Waste	—	—	—	—	—	—	—	—	—	—	178	0.00	178	17.8	0.00	622
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	126
Total	23.5	8.26	114	0.19	0.15	18.2	18.3	0.14	4.60	4.74	198	20,267	20,465	21.4	0.95	21,411
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	11.5	7.84	75.5	0.19	0.14	18.1	18.2	0.13	4.58	4.71	—	19,385	19,385	1.00	0.82	19,675
Area	11.5	0.13	26.9	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	55.7	55.7	< 0.005	< 0.005	55.9
Energy	0.01	0.11	0.09	< 0.005	0.01	—	0.01	0.01	—	0.01	—	827	827	0.52	0.06	858
Water	—	—	—	—	—	—	—	—	—	—	20.0	110	130	2.13	0.06	201
Waste	—	—	—	—	—	—	—	—	—	—	178	0.00	178	17.8	0.00	622
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	126
Total	23.1	8.09	102	0.19	0.15	18.1	18.2	0.14	4.58	4.72	198	20,377	20,575	21.4	0.94	21,538
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.11	1.43	13.8	0.03	0.03	3.30	3.32	0.02	0.84	0.86	—	3,209	3,209	0.16	0.14	3,257
Area	2.11	0.02	4.90	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	9.22	9.22	< 0.005	< 0.005	9.26
Energy	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	137	137	0.09	0.01	142
Water	—	—	—	—	—	—	—	—	—	—	3.31	18.2	21.5	0.35	0.01	33.2
Waste	—	—	—	—	—	—	—	—	—	—	29.4	0.00	29.4	2.94	0.00	103
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.8
Total	4.21	1.48	18.7	0.04	0.03	3.30	3.32	0.03	0.84	0.86	32.7	3,374	3,406	3.55	0.16	3,566

3. Construction Emissions Details

3.1. NAR-Demolition (2026) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.27	2.36	2.65	< 0.005	0.11	—	0.11	0.10	—	0.10	—	367	367	0.01	< 0.005	368
Demolition	—	—	—	—	—	3.18	3.18	—	0.48	0.48	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.32	0.36	< 0.005	0.02	—	0.02	0.01	—	0.01	—	50.3	50.3	< 0.005	< 0.005	50.5
Demolition	—	—	—	—	—	0.44	0.44	—	0.07	0.07	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.06	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.33	8.33	< 0.005	< 0.005	8.36
Demolition	—	—	—	—	—	0.08	0.08	—	0.01	0.01	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.72	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	151	151	0.01	0.01	154
Vendor	< 0.005	0.18	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	141	141	0.01	0.02	148
Hauling	0.07	4.17	1.60	0.02	0.06	0.85	0.91	0.04	0.23	0.27	—	3,235	3,235	0.16	0.52	3,401
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.09	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	19.7	19.7	< 0.005	< 0.005	20.0
Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.4	19.4	< 0.005	< 0.005	20.2

Hauling	0.01	0.59	0.22	< 0.005	0.01	0.12	0.12	0.01	0.03	0.04	—	443	443	0.02	0.07	465
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.27	3.27	< 0.005	< 0.005	3.32
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.21	3.21	< 0.005	< 0.005	3.35
Hauling	< 0.005	0.11	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	73.4	73.4	< 0.005	0.01	77.1

3.2. NAR-Demolition (2026) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	1.00	2.59	< 0.005	0.01	—	0.01	0.01	—	0.01	—	367	367	0.01	< 0.005	368
Demolition	—	—	—	—	—	3.18	3.18	—	0.48	0.48	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.14	0.35	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	50.3	50.3	< 0.005	< 0.005	50.5
Demolition	—	—	—	—	—	0.44	0.44	—	0.07	0.07	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	< 0.005	0.03	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.33	8.33	< 0.005	< 0.005	8.36
Demolition	—	—	—	—	—	0.08	0.08	—	0.01	0.01	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.72	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	151	151	0.01	0.01	154
Vendor	< 0.005	0.18	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	141	141	0.01	0.02	148
Hauling	0.07	4.17	1.60	0.02	0.06	0.85	0.91	0.04	0.23	0.27	—	3,235	3,235	0.16	0.52	3,401
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.09	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	19.7	19.7	< 0.005	< 0.005	20.0
Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.4	19.4	< 0.005	< 0.005	20.2
Hauling	0.01	0.59	0.22	< 0.005	0.01	0.12	0.12	0.01	0.03	0.04	—	443	443	0.02	0.07	465
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.27	3.27	< 0.005	< 0.005	3.32
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.21	3.21	< 0.005	< 0.005	3.35
Hauling	< 0.005	0.11	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	73.4	73.4	< 0.005	0.01	77.1

3.3. Project import (2025) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	1.92	1.85	< 0.005	0.14	—	0.14	0.13	—	0.13	—	262	262	0.01	< 0.005	262
Dust From Material Movement	—	—	—	—	—	0.20	0.20	—	0.02	0.02	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	1.92	1.85	< 0.005	0.14	—	0.14	0.13	—	0.13	—	262	262	0.01	< 0.005	262
Dust From Material Movement	—	—	—	—	—	0.20	0.20	—	0.02	0.02	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.56	0.54	< 0.005	0.04	—	0.04	0.04	—	0.04	—	76.8	76.8	< 0.005	< 0.005	77.0
Dust From Material Movement	—	—	—	—	—	0.06	0.06	—	0.01	0.01	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.10	0.10	< 0.005	0.01	—	0.01	0.01	—	0.01	—	12.7	12.7	< 0.005	< 0.005	12.8

Dust From Material Movement	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.05	0.77	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	154	154	0.01	0.01	157
Vendor	0.01	0.19	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	144	144	0.01	0.02	151
Hauling	0.19	6.83	3.43	0.02	0.06	0.82	0.88	0.06	0.23	0.28	—	3,496	3,496	0.25	0.55	3,674
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.68	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	146	146	0.01	0.01	148
Vendor	0.01	0.20	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	144	144	0.01	0.02	150
Hauling	0.17	7.11	3.51	0.02	0.06	0.82	0.88	0.06	0.23	0.28	—	3,502	3,502	0.25	0.55	3,673
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.20	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	43.2	43.2	< 0.005	< 0.005	43.8
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	42.3	42.3	< 0.005	0.01	44.1
Hauling	0.05	2.06	1.02	0.01	0.02	0.24	0.26	0.02	0.07	0.08	—	1,027	1,027	0.07	0.16	1,078
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.15	7.15	< 0.005	< 0.005	7.26
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.00	7.00	< 0.005	< 0.005	7.31
Hauling	0.01	0.38	0.19	< 0.005	< 0.005	0.04	0.05	< 0.005	0.01	0.02	—	170	170	0.01	0.03	179

3.4. Project import (2025) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.13	1.83	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	262	262	0.01	< 0.005	262
Dust From Material Movement	—	—	—	—	—	0.20	0.20	—	0.02	0.02	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.13	1.83	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	262	262	0.01	< 0.005	262
Dust From Material Movement	—	—	—	—	—	0.20	0.20	—	0.02	0.02	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.04	0.54	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	76.8	76.8	< 0.005	< 0.005	77.0
Dust From Material Movement	—	—	—	—	—	0.06	0.06	—	0.01	0.01	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	< 0.005	0.01	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.7	12.7	< 0.005	< 0.005	12.8
Dust From Material Movement	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.05	0.77	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	154	154	0.01	0.01	157
Vendor	0.01	0.19	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	144	144	0.01	0.02	151
Hauling	0.19	6.83	3.43	0.02	0.06	0.82	0.88	0.06	0.23	0.28	—	3,496	3,496	0.25	0.55	3,674
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.68	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	146	146	0.01	0.01	148
Vendor	0.01	0.20	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	144	144	0.01	0.02	150
Hauling	0.17	7.11	3.51	0.02	0.06	0.82	0.88	0.06	0.23	0.28	—	3,502	3,502	0.25	0.55	3,673
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.20	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	43.2	43.2	< 0.005	< 0.005	43.8
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	42.3	42.3	< 0.005	0.01	44.1
Hauling	0.05	2.06	1.02	0.01	0.02	0.24	0.26	0.02	0.07	0.08	—	1,027	1,027	0.07	0.16	1,078
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.15	7.15	< 0.005	< 0.005	7.26
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.00	7.00	< 0.005	< 0.005	7.31
Hauling	0.01	0.38	0.19	< 0.005	< 0.005	0.04	0.05	< 0.005	0.01	0.02	—	170	170	0.01	0.03	179

3.5. Project import (2026) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	1.80	1.84	< 0.005	0.12	—	0.12	0.11	—	0.11	—	262	262	0.01	< 0.005	262
Dust From Material Movement	—	—	—	—	—	0.20	0.20	—	0.02	0.02	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.13	0.13	< 0.005	0.01	—	0.01	0.01	—	0.01	—	18.9	18.9	< 0.005	< 0.005	19.0
Dust From Material Movement	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.14	3.14	< 0.005	< 0.005	3.15
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.64	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	143	143	0.01	0.01	145
Vendor	< 0.005	0.19	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	141	141	0.01	0.02	148
Hauling	0.17	6.92	3.49	0.02	0.06	0.82	0.88	0.04	0.23	0.26	—	3,430	3,430	0.23	0.55	3,601
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.4	10.4	< 0.005	< 0.005	10.6
Vendor	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.2	10.2	< 0.005	< 0.005	10.7
Hauling	0.01	0.49	0.25	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	248	248	0.02	0.04	261
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.73	1.73	< 0.005	< 0.005	1.75
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.69	1.69	< 0.005	< 0.005	1.77
Hauling	< 0.005	0.09	0.05	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	41.1	41.1	< 0.005	0.01	43.2

3.6. Project import (2026) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.13	1.83	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	262	262	0.01	< 0.005	262

Dust From Material Movement	—	—	—	—	—	0.20	0.20	—	0.02	0.02	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18.9	18.9	< 0.005	< 0.005	19.0
Dust From Material Movement	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.14	3.14	< 0.005	< 0.005	3.15
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.64	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	143	143	0.01	0.01	145
Vendor	< 0.005	0.19	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	141	141	0.01	0.02	148
Hauling	0.17	6.92	3.49	0.02	0.06	0.82	0.88	0.04	0.23	0.26	—	3,430	3,430	0.23	0.55	3,601

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.4	10.4	< 0.005	< 0.005	10.6
Vendor	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.2	10.2	< 0.005	< 0.005	10.7
Hauling	0.01	0.49	0.25	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	248	248	0.02	0.04	261
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.73	1.73	< 0.005	< 0.005	1.75
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.69	1.69	< 0.005	< 0.005	1.77
Hauling	< 0.005	0.09	0.05	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	41.1	41.1	< 0.005	0.01	43.2

3.7. Hotel/Golf Course-Grading Excavation (2026) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.12	9.89	9.11	0.02	0.43	—	0.43	0.40	—	0.40	—	2,511	2,511	0.10	0.02	2,520
Dust From Material Movement	—	—	—	—	—	1.18	1.18	—	0.39	0.39	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.12	9.89	9.11	0.02	0.43	—	0.43	0.40	—	0.40	—	2,511	2,511	0.10	0.02	2,520

Dust From Material Movement	—	—	—	—	—	1.18	1.18	—	0.39	0.39	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.33	2.96	2.73	0.01	0.13	—	0.13	0.12	—	0.12	—	752	752	0.03	0.01	755
Dust From Material Movement	—	—	—	—	—	0.35	0.35	—	0.12	0.12	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.54	0.50	< 0.005	0.02	—	0.02	0.02	—	0.02	—	124	124	0.01	< 0.005	125
Dust From Material Movement	—	—	—	—	—	0.06	0.06	—	0.02	0.02	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.04	0.64	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	134	134	0.01	< 0.005	137
Vendor	< 0.005	0.18	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	141	141	0.01	0.02	148
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.06	0.05	0.57	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	127	127	0.01	0.01	129
Vendor	< 0.005	0.19	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	141	141	0.01	0.02	148
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.17	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	38.4	38.4	< 0.005	< 0.005	38.9
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	42.3	42.3	< 0.005	0.01	44.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.35	6.35	< 0.005	< 0.005	6.45
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.01	7.01	< 0.005	< 0.005	7.32
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.8. Hotel/Golf Course-Grading Excavation (2026) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	1.23	12.9	0.02	0.05	—	0.05	0.05	—	0.05	—	2,511	2,511	0.10	0.02	2,520
Dust From Material Movement	—	—	—	—	—	1.18	1.18	—	0.39	0.39	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.24	1.23	12.9	0.02	0.05	—	0.05	0.05	—	0.05	—	2,511	2,511	0.10	0.02	2,520
Dust From Material Movement	—	—	—	—	—	1.18	1.18	—	0.39	0.39	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.37	3.86	0.01	0.01	—	0.01	0.01	—	0.01	—	752	752	0.03	0.01	755
Dust From Material Movement	—	—	—	—	—	0.35	0.35	—	0.12	0.12	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.07	0.70	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	124	124	0.01	< 0.005	125
Dust From Material Movement	—	—	—	—	—	0.06	0.06	—	0.02	0.02	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.04	0.64	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	134	134	0.01	< 0.005	137
Vendor	< 0.005	0.18	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	141	141	0.01	0.02	148
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.57	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	127	127	0.01	0.01	129
Vendor	< 0.005	0.19	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	141	141	0.01	0.02	148
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.17	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	38.4	38.4	< 0.005	< 0.005	38.9
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	42.3	42.3	< 0.005	0.01	44.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.35	6.35	< 0.005	< 0.005	6.45
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.01	7.01	< 0.005	< 0.005	7.32
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.9. Hotel/Golf Course-Grading Excavation (2027) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.08	9.19	8.99	0.02	0.40	—	0.40	0.37	—	0.37	—	2,511	2,511	0.10	0.02	2,520
Dust From Material Movement	—	—	—	—	—	1.18	1.18	—	0.39	0.39	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.08	9.19	8.99	0.02	0.40	—	0.40	0.37	—	0.37	—	2,511	2,511	0.10	0.02	2,520
Dust From Material Movement	—	—	—	—	—	1.18	1.18	—	0.39	0.39	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	2.12	2.08	0.01	0.09	—	0.09	0.09	—	0.09	—	580	580	0.02	< 0.005	582
Dust From Material Movement	—	—	—	—	—	0.27	0.27	—	0.09	0.09	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.39	0.38	< 0.005	0.02	—	0.02	0.02	—	0.02	—	96.0	96.0	< 0.005	< 0.005	96.3
Dust From Material Movement	—	—	—	—	—	0.05	0.05	—	0.02	0.02	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.04	0.60	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	132	132	0.01	< 0.005	134
Vendor	< 0.005	0.18	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	145

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.53	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	125	125	0.01	0.01	127
Vendor	< 0.005	0.18	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	144
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.12	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	29.1	29.1	< 0.005	< 0.005	29.5
Vendor	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	31.9	31.9	< 0.005	< 0.005	33.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.82	4.82	< 0.005	< 0.005	4.88
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.29	5.29	< 0.005	< 0.005	5.52
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.10. Hotel/Golf Course-Grading Excavation (2027) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	1.23	12.9	0.02	0.05	—	0.05	0.05	—	0.05	—	2,511	2,511	0.10	0.02	2,520
Dust From Material Movement	—	—	—	—	—	1.18	1.18	—	0.39	0.39	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	1.23	12.9	0.02	0.05	—	0.05	0.05	—	0.05	—	2,511	2,511	0.10	0.02	2,520
Dust From Material Movement	—	—	—	—	—	1.18	1.18	—	0.39	0.39	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.28	2.98	0.01	0.01	—	0.01	0.01	—	0.01	—	580	580	0.02	< 0.005	582
Dust From Material Movement	—	—	—	—	—	0.27	0.27	—	0.09	0.09	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.05	0.54	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	96.0	96.0	< 0.005	< 0.005	96.3
Dust From Material Movement	—	—	—	—	—	0.05	0.05	—	0.02	0.02	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.04	0.60	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	132	132	0.01	< 0.005	134
Vendor	< 0.005	0.18	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	145

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.53	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	125	125	0.01	0.01	127
Vendor	< 0.005	0.18	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	144
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.12	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	29.1	29.1	< 0.005	< 0.005	29.5
Vendor	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	31.9	31.9	< 0.005	< 0.005	33.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.82	4.82	< 0.005	< 0.005	4.88
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.29	5.29	< 0.005	< 0.005	5.52
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.11. NAR-Grading (2026) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.60	14.2	13.3	0.03	0.67	—	0.67	0.61	—	0.61	—	3,216	3,216	0.13	0.03	3,227
Dust From Material Movement	—	—	—	—	—	2.00	2.00	—	0.73	0.73	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.60	14.2	13.3	0.03	0.67	—	0.67	0.61	—	0.61	—	3,216	3,216	0.13	0.03	3,227
Dust From Material Movement	—	—	—	—	—	2.00	2.00	—	0.73	0.73	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.31	2.71	2.55	0.01	0.13	—	0.13	0.12	—	0.12	—	617	617	0.03	0.01	619
Dust From Material Movement	—	—	—	—	—	0.38	0.38	—	0.14	0.14	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.50	0.47	< 0.005	0.02	—	0.02	0.02	—	0.02	—	102	102	< 0.005	< 0.005	102
Dust From Material Movement	—	—	—	—	—	0.07	0.07	—	0.03	0.03	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.06	0.87	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	185	185	0.01	0.01	188
Vendor	< 0.005	0.18	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	141	141	0.01	0.02	148

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.06	0.78	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	175	175	0.01	0.01	177
Vendor	< 0.005	0.19	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	141	141	0.01	0.02	148
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.15	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	33.8	33.8	< 0.005	< 0.005	34.3
Vendor	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	27.1	27.1	< 0.005	< 0.005	28.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.59	5.59	< 0.005	< 0.005	5.68
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.49	4.49	< 0.005	< 0.005	4.69
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.12. NAR-Grading (2026) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	1.58	17.1	0.03	0.06	—	0.06	0.06	—	0.06	—	3,216	3,216	0.13	0.03	3,227
Dust From Material Movement	—	—	—	—	—	2.00	2.00	—	0.73	0.73	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	1.58	17.1	0.03	0.06	—	0.06	0.06	—	0.06	—	3,216	3,216	0.13	0.03	3,227
Dust From Material Movement	—	—	—	—	—	2.00	2.00	—	0.73	0.73	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.30	3.28	0.01	0.01	—	0.01	0.01	—	0.01	—	617	617	0.03	0.01	619
Dust From Material Movement	—	—	—	—	—	0.38	0.38	—	0.14	0.14	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.06	0.60	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	102	102	< 0.005	< 0.005	102
Dust From Material Movement	—	—	—	—	—	0.07	0.07	—	0.03	0.03	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.06	0.87	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	185	185	0.01	0.01	188
Vendor	< 0.005	0.18	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	141	141	0.01	0.02	148

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.06	0.78	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	175	175	0.01	0.01	177
Vendor	< 0.005	0.19	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	141	141	0.01	0.02	148
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.15	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	33.8	33.8	< 0.005	< 0.005	34.3
Vendor	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	27.1	27.1	< 0.005	< 0.005	28.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.59	5.59	< 0.005	< 0.005	5.68
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.49	4.49	< 0.005	< 0.005	4.69
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.13. WAR-Grading (2026) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.60	14.2	13.3	0.03	0.67	—	0.67	0.61	—	0.61	—	3,216	3,216	0.13	0.03	3,227
Dust From Material Movement	—	—	—	—	—	2.00	2.00	—	0.73	0.73	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.60	14.2	13.3	0.03	0.67	—	0.67	0.61	—	0.61	—	3,216	3,216	0.13	0.03	3,227
Dust From Material Movement	—	—	—	—	—	2.00	2.00	—	0.73	0.73	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.26	2.33	2.19	< 0.005	0.11	—	0.11	0.10	—	0.10	—	529	529	0.02	< 0.005	530
Dust From Material Movement	—	—	—	—	—	0.33	0.33	—	0.12	0.12	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.42	0.40	< 0.005	0.02	—	0.02	0.02	—	0.02	—	87.5	87.5	< 0.005	< 0.005	87.8
Dust From Material Movement	—	—	—	—	—	0.06	0.06	—	0.02	0.02	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.06	0.87	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	185	185	0.01	0.01	188
Vendor	< 0.005	0.18	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	141	141	0.01	0.02	148

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.06	0.78	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	175	175	0.01	0.01	177
Vendor	< 0.005	0.19	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	141	141	0.01	0.02	148
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	29.0	29.0	< 0.005	< 0.005	29.4
Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	23.2	23.2	< 0.005	< 0.005	24.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.79	4.79	< 0.005	< 0.005	4.87
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.85	3.85	< 0.005	< 0.005	4.02
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.14. WAR-Grading (2026) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	1.58	17.1	0.03	0.06	—	0.06	0.06	—	0.06	—	3,216	3,216	0.13	0.03	3,227
Dust From Material Movement	—	—	—	—	—	2.00	2.00	—	0.73	0.73	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	1.58	17.1	0.03	0.06	—	0.06	0.06	—	0.06	—	3,216	3,216	0.13	0.03	3,227
Dust From Material Movement	—	—	—	—	—	2.00	2.00	—	0.73	0.73	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.26	2.81	< 0.005	0.01	—	0.01	0.01	—	0.01	—	529	529	0.02	< 0.005	530
Dust From Material Movement	—	—	—	—	—	0.33	0.33	—	0.12	0.12	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.05	0.51	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	87.5	87.5	< 0.005	< 0.005	87.8
Dust From Material Movement	—	—	—	—	—	0.06	0.06	—	0.02	0.02	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.06	0.87	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	185	185	0.01	0.01	188
Vendor	< 0.005	0.18	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	141	141	0.01	0.02	148

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.06	0.78	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	175	175	0.01	0.01	177
Vendor	< 0.005	0.19	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	141	141	0.01	0.02	148
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	29.0	29.0	< 0.005	< 0.005	29.4
Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	23.2	23.2	< 0.005	< 0.005	24.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.79	4.79	< 0.005	< 0.005	4.87
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.85	3.85	< 0.005	< 0.005	4.02
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.15. Hotel/Golf Course-Grading (2027) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.53	13.2	13.1	0.03	0.61	—	0.61	0.56	—	0.56	—	3,216	3,216	0.13	0.03	3,227
Dust From Material Movement	—	—	—	—	—	2.00	2.00	—	0.73	0.73	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.53	13.2	13.1	0.03	0.61	—	0.61	0.56	—	0.56	—	3,216	3,216	0.13	0.03	3,227
Dust From Material Movement	—	—	—	—	—	2.00	2.00	—	0.73	0.73	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.75	6.50	6.48	0.01	0.30	—	0.30	0.28	—	0.28	—	1,586	1,586	0.06	0.01	1,591
Dust From Material Movement	—	—	—	—	—	0.99	0.99	—	0.36	0.36	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	1.19	1.18	< 0.005	0.06	—	0.06	0.05	—	0.05	—	263	263	0.01	< 0.005	263
Dust From Material Movement	—	—	—	—	—	0.18	0.18	—	0.07	0.07	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.05	0.83	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	182	182	0.01	0.01	185
Vendor	< 0.005	0.18	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	145

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.73	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	172	172	0.01	0.01	174
Vendor	< 0.005	0.18	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	144
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.37	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	85.4	85.4	< 0.005	< 0.005	86.6
Vendor	< 0.005	0.09	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	68.2	68.2	< 0.005	0.01	71.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.1	14.1	< 0.005	< 0.005	14.3
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.3	11.3	< 0.005	< 0.005	11.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.16. Hotel/Golf Course-Grading (2027) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	1.58	17.1	0.03	0.06	—	0.06	0.06	—	0.06	—	3,216	3,216	0.13	0.03	3,227
Dust From Material Movement	—	—	—	—	—	2.00	2.00	—	0.73	0.73	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	1.58	17.1	0.03	0.06	—	0.06	0.06	—	0.06	—	3,216	3,216	0.13	0.03	3,227
Dust From Material Movement	—	—	—	—	—	2.00	2.00	—	0.73	0.73	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.78	8.43	0.01	0.03	—	0.03	0.03	—	0.03	—	1,586	1,586	0.06	0.01	1,591
Dust From Material Movement	—	—	—	—	—	0.99	0.99	—	0.36	0.36	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.14	1.54	< 0.005	0.01	—	0.01	0.01	—	0.01	—	263	263	0.01	< 0.005	263
Dust From Material Movement	—	—	—	—	—	0.18	0.18	—	0.07	0.07	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.05	0.83	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	182	182	0.01	0.01	185
Vendor	< 0.005	0.18	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	145

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.73	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	172	172	0.01	0.01	174
Vendor	< 0.005	0.18	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	144
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.37	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	85.4	85.4	< 0.005	< 0.005	86.6
Vendor	< 0.005	0.09	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	68.2	68.2	< 0.005	0.01	71.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	14.1	14.1	< 0.005	< 0.005	14.3
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.3	11.3	< 0.005	< 0.005	11.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.17. NAR-Building Construction (2027) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.43	4.17	7.09	0.01	0.12	—	0.12	0.11	—	0.11	—	1,047	1,047	0.04	0.01	1,051
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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Off-Road Equipment	0.43	4.17	7.09	0.01	0.12	—	0.12	0.11	—	0.11	—	1,047	1,047	0.04	0.01	1,051
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	2.00	3.40	0.01	0.06	—	0.06	0.05	—	0.05	—	502	502	0.02	< 0.005	504
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.36	0.62	< 0.005	0.01	—	0.01	0.01	—	0.01	—	83.1	83.1	< 0.005	< 0.005	83.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.19	3.09	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	677	677	0.03	0.02	688
Vendor	0.02	0.71	0.34	< 0.005	0.01	0.15	0.15	0.01	0.04	0.05	—	553	553	0.02	0.08	578
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.23	2.74	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	640	640	0.04	0.03	649
Vendor	0.02	0.73	0.34	< 0.005	0.01	0.15	0.15	0.01	0.04	0.05	—	554	554	0.02	0.08	577
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.11	1.33	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	310	310	0.02	0.01	314
Vendor	0.01	0.35	0.16	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	265	265	0.01	0.04	277
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.24	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	51.2	51.2	< 0.005	< 0.005	52.0
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	43.9	43.9	< 0.005	0.01	45.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.18. NAR-Building Construction (2027) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.42	7.37	0.01	0.02	—	0.02	0.02	—	0.02	—	1,047	1,047	0.04	0.01	1,051
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.42	7.37	0.01	0.02	—	0.02	0.02	—	0.02	—	1,047	1,047	0.04	0.01	1,051
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.68	3.53	0.01	0.01	—	0.01	0.01	—	0.01	—	502	502	0.02	< 0.005	504
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.12	0.64	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	83.1	83.1	< 0.005	< 0.005	83.4

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.19	3.09	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	677	677	0.03	0.02	688
Vendor	0.02	0.71	0.34	< 0.005	0.01	0.15	0.15	0.01	0.04	0.05	—	553	553	0.02	0.08	578
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.23	2.74	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	640	640	0.04	0.03	649
Vendor	0.02	0.73	0.34	< 0.005	0.01	0.15	0.15	0.01	0.04	0.05	—	554	554	0.02	0.08	577
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.11	1.33	0.00	0.00	0.30	0.30	0.00	0.07	0.07	—	310	310	0.02	0.01	314
Vendor	0.01	0.35	0.16	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	265	265	0.01	0.04	277
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.24	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	51.2	51.2	< 0.005	< 0.005	52.0
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	43.9	43.9	< 0.005	0.01	45.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.19. NAR-Building Construction (2028) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	4.03	7.09	0.01	0.10	—	0.10	0.09	—	0.09	—	1,047	1,047	0.04	0.01	1,051
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	4.03	7.09	0.01	0.10	—	0.10	0.09	—	0.09	—	1,047	1,047	0.04	0.01	1,051
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.30	2.89	5.08	0.01	0.07	—	0.07	0.07	—	0.07	—	750	750	0.03	0.01	752
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.53	0.93	< 0.005	0.01	—	0.01	0.01	—	0.01	—	124	124	0.01	< 0.005	125
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.19	2.92	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	665	665	0.01	0.02	675
Vendor	0.02	0.67	0.32	< 0.005	0.01	0.15	0.15	0.01	0.04	0.05	—	539	539	0.02	0.08	564
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.27	0.21	2.58	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	629	629	0.01	0.02	636
Vendor	0.02	0.70	0.33	< 0.005	0.01	0.15	0.15	0.01	0.04	0.05	—	540	540	0.02	0.08	563
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.15	1.87	0.00	0.00	0.45	0.45	0.00	0.10	0.10	—	454	454	0.01	0.02	460
Vendor	0.01	0.50	0.23	< 0.005	0.01	0.10	0.11	0.01	0.03	0.03	—	386	386	0.01	0.06	404
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.34	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	75.2	75.2	< 0.005	< 0.005	76.2
Vendor	< 0.005	0.09	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	64.0	64.0	< 0.005	0.01	66.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.20. NAR-Building Construction (2028) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.42	7.37	0.01	0.02	—	0.02	0.02	—	0.02	—	1,047	1,047	0.04	0.01	1,051
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.42	7.37	0.01	0.02	—	0.02	0.02	—	0.02	—	1,047	1,047	0.04	0.01	1,051
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	1.01	5.28	0.01	0.01	—	0.01	0.01	—	0.01	—	750	750	0.03	0.01	752
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.19	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	124	124	0.01	< 0.005	125
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.28	0.19	2.92	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	665	665	0.01	0.02	675
Vendor	0.02	0.67	0.32	< 0.005	0.01	0.15	0.15	0.01	0.04	0.05	—	539	539	0.02	0.08	564
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.27	0.21	2.58	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	629	629	0.01	0.02	636
Vendor	0.02	0.70	0.33	< 0.005	0.01	0.15	0.15	0.01	0.04	0.05	—	540	540	0.02	0.08	563
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.15	1.87	0.00	0.00	0.45	0.45	0.00	0.10	0.10	—	454	454	0.01	0.02	460
Vendor	0.01	0.50	0.23	< 0.005	0.01	0.10	0.11	0.01	0.03	0.03	—	386	386	0.01	0.06	404
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.34	0.00	0.00	0.08	0.08	0.00	0.02	0.02	—	75.2	75.2	< 0.005	< 0.005	76.2
Vendor	< 0.005	0.09	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	64.0	64.0	< 0.005	0.01	66.8

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
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3.21. NAR-Building Construction (2029) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.40	3.94	7.08	0.01	0.09	—	0.09	0.08	—	0.08	—	1,047	1,047	0.04	0.01	1,050
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.09	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.6	24.6	< 0.005	< 0.005	24.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.07	4.07	< 0.005	< 0.005	4.08
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.26	0.19	2.42	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	618	618	0.01	0.02	626
Vendor	0.02	0.67	0.32	< 0.005	0.01	0.15	0.15	< 0.005	0.04	0.04	—	524	524	0.02	0.07	547
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14.6	14.6	< 0.005	< 0.005	14.8
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.3	12.3	< 0.005	< 0.005	12.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.42	2.42	< 0.005	< 0.005	2.46
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.04	2.04	< 0.005	< 0.005	2.13
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.22. NAR-Building Construction (2029) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.42	7.37	0.01	0.02	—	0.02	0.02	—	0.02	—	1,047	1,047	0.04	0.01	1,050
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.03	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.6	24.6	< 0.005	< 0.005	24.7

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.07	4.07	< 0.005	< 0.005	4.08
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.26	0.19	2.42	0.00	0.00	0.63	0.63	0.00	0.15	0.15	—	618	618	0.01	0.02	626
Vendor	0.02	0.67	0.32	< 0.005	0.01	0.15	0.15	< 0.005	0.04	0.04	—	524	524	0.02	0.07	547
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14.6	14.6	< 0.005	< 0.005	14.8
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.3	12.3	< 0.005	< 0.005	12.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.42	2.42	< 0.005	< 0.005	2.46
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.04	2.04	< 0.005	< 0.005	2.13
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.23. WAR-Building Construction (2027) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.43	4.17	7.09	0.01	0.12	—	0.12	0.11	—	0.11	—	1,047	1,047	0.04	0.01	1,051
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.43	4.17	7.09	0.01	0.12	—	0.12	0.11	—	0.11	—	1,047	1,047	0.04	0.01	1,051
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	2.00	3.40	0.01	0.06	—	0.06	0.05	—	0.05	—	502	502	0.02	< 0.005	504
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.36	0.62	< 0.005	0.01	—	0.01	0.01	—	0.01	—	83.1	83.1	< 0.005	< 0.005	83.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.09	1.43	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	314	314	0.01	0.01	319
Vendor	0.01	0.34	0.16	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	269	269	0.01	0.04	281
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.13	0.11	1.27	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	297	297	0.02	0.01	301
Vendor	0.01	0.36	0.17	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	269	269	0.01	0.04	281
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.61	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	143	143	0.01	0.01	145
Vendor	< 0.005	0.17	0.08	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	129	129	0.01	0.02	135
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.11	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	23.7	23.7	< 0.005	< 0.005	24.1
Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	21.4	21.4	< 0.005	< 0.005	22.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.24. WAR-Building Construction (2027) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.42	7.37	0.01	0.02	—	0.02	0.02	—	0.02	—	1,047	1,047	0.04	0.01	1,051
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.42	7.37	0.01	0.02	—	0.02	0.02	—	0.02	—	1,047	1,047	0.04	0.01	1,051
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.68	3.53	0.01	0.01	—	0.01	0.01	—	0.01	—	502	502	0.02	< 0.005	504
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.12	0.64	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	83.1	83.1	< 0.005	< 0.005	83.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.09	1.43	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	314	314	0.01	0.01	319
Vendor	0.01	0.34	0.16	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	269	269	0.01	0.04	281
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.11	1.27	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	297	297	0.02	0.01	301
Vendor	0.01	0.36	0.17	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	269	269	0.01	0.04	281
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.61	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	143	143	0.01	0.01	145
Vendor	< 0.005	0.17	0.08	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	129	129	0.01	0.02	135
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.11	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	23.7	23.7	< 0.005	< 0.005	24.1
Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	21.4	21.4	< 0.005	< 0.005	22.3

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
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3.25. WAR-Building Construction (2028) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	4.03	7.09	0.01	0.10	—	0.10	0.09	—	0.09	—	1,047	1,047	0.04	0.01	1,051
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	4.03	7.09	0.01	0.10	—	0.10	0.09	—	0.09	—	1,047	1,047	0.04	0.01	1,051
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.27	2.67	4.69	0.01	0.07	—	0.07	0.06	—	0.06	—	692	692	0.03	0.01	695
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.49	0.86	< 0.005	0.01	—	0.01	0.01	—	0.01	—	115	115	< 0.005	< 0.005	115
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.09	1.35	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	308	308	0.01	0.01	313
Vendor	0.01	0.33	0.16	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	262	262	0.01	0.04	274
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.10	1.20	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	291	291	0.01	0.01	295
Vendor	0.01	0.34	0.16	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	262	262	0.01	0.04	274
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.06	0.80	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	194	194	< 0.005	0.01	197
Vendor	0.01	0.22	0.11	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	174	174	0.01	0.02	181
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.15	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	32.2	32.2	< 0.005	< 0.005	32.6
Vendor	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	28.7	28.7	< 0.005	< 0.005	30.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.26. WAR-Building Construction (2028) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.42	7.37	0.01	0.02	—	0.02	0.02	—	0.02	—	1,047	1,047	0.04	0.01	1,051

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.42	7.37	0.01	0.02	—	0.02	0.02	—	0.02	—	1,047	1,047	0.04	0.01	1,051
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.94	4.87	0.01	0.01	—	0.01	0.01	—	0.01	—	692	692	0.03	0.01	695
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.17	0.89	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	115	115	< 0.005	< 0.005	115
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.09	1.35	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	308	308	0.01	0.01	313
Vendor	0.01	0.33	0.16	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	262	262	0.01	0.04	274
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.10	1.20	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	291	291	0.01	0.01	295
Vendor	0.01	0.34	0.16	< 0.005	< 0.005	0.07	0.08	< 0.005	0.02	0.02	—	262	262	0.01	0.04	274
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.06	0.80	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	194	194	< 0.005	0.01	197
Vendor	0.01	0.22	0.11	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	174	174	0.01	0.02	181
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.15	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	32.2	32.2	< 0.005	< 0.005	32.6
Vendor	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	28.7	28.7	< 0.005	< 0.005	30.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.27. Hotel/Golf Course-Clubhouse Construction (2027) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.72	6.73	9.25	0.02	0.22	—	0.22	0.21	—	0.21	—	1,837	1,837	0.07	0.01	1,843
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.41	0.56	< 0.005	0.01	—	0.01	0.01	—	0.01	—	111	111	< 0.005	< 0.005	112
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18.5	18.5	< 0.005	< 0.005	18.5
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.30	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	70.2	70.2	< 0.005	< 0.005	71.2
Vendor	< 0.005	0.12	0.06	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	92.3	92.3	< 0.005	0.01	96.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.30	4.30	< 0.005	< 0.005	4.36
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.59	5.59	< 0.005	< 0.005	5.84
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.71	0.71	< 0.005	< 0.005	0.72
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.93	0.93	< 0.005	< 0.005	0.97
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.28. Hotel/Golf Course-Clubhouse Construction (2027) - Mitigated

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

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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	1.81	11.1	0.02	0.03	—	0.03	0.03	—	0.03	—	1,837	1,837	0.07	0.01	1,843
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.11	0.67	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	111	111	< 0.005	< 0.005	112
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18.5	18.5	< 0.005	< 0.005	18.5
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.30	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	70.2	70.2	< 0.005	< 0.005	71.2
Vendor	< 0.005	0.12	0.06	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	92.3	92.3	< 0.005	0.01	96.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.30	4.30	< 0.005	< 0.005	4.36
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.59	5.59	< 0.005	< 0.005	5.84
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.71	0.71	< 0.005	< 0.005	0.72
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.93	0.93	< 0.005	< 0.005	0.97
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.29. Hotel/Golf Course-Clubhouse Construction (2028) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	6.37	9.25	0.02	0.20	—	0.20	0.18	—	0.18	—	1,838	1,838	0.07	0.01	1,844
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	6.37	9.25	0.02	0.20	—	0.20	0.18	—	0.18	—	1,838	1,838	0.07	0.01	1,844
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	1.50	2.17	< 0.005	0.05	—	0.05	0.04	—	0.04	—	432	432	0.02	< 0.005	433
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.27	0.40	< 0.005	0.01	—	0.01	0.01	—	0.01	—	71.4	71.4	< 0.005	< 0.005	71.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.32	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	73.0	73.0	< 0.005	< 0.005	74.1
Vendor	< 0.005	0.11	0.05	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	89.9	89.9	< 0.005	0.01	94.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.28	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	69.0	69.0	< 0.005	< 0.005	69.8
Vendor	< 0.005	0.12	0.06	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	89.9	89.9	< 0.005	0.01	93.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16.3	16.3	< 0.005	< 0.005	16.6
Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	21.1	21.1	< 0.005	< 0.005	22.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.71	2.71	< 0.005	< 0.005	2.74
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.50	3.50	< 0.005	< 0.005	3.65
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.30. Hotel/Golf Course-Clubhouse Construction (2028) - Mitigated

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

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

Off-Road Equipment	0.19	1.81	11.1	0.02	0.03	—	0.03	0.03	—	0.03	—	1,838	1,838	0.07	0.01	1,844
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	1.81	11.1	0.02	0.03	—	0.03	0.03	—	0.03	—	1,838	1,838	0.07	0.01	1,844
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.42	2.61	< 0.005	0.01	—	0.01	0.01	—	0.01	—	432	432	0.02	< 0.005	433
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.08	0.48	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	71.4	71.4	< 0.005	< 0.005	71.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.32	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	73.0	73.0	< 0.005	< 0.005	74.1
Vendor	< 0.005	0.11	0.05	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	89.9	89.9	< 0.005	0.01	94.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.28	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	69.0	69.0	< 0.005	< 0.005	69.8
Vendor	< 0.005	0.12	0.06	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	89.9	89.9	< 0.005	0.01	93.9

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16.3	16.3	< 0.005	< 0.005	16.6
Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	21.1	21.1	< 0.005	< 0.005	22.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.71	2.71	< 0.005	< 0.005	2.74
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.50	3.50	< 0.005	< 0.005	3.65
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.31. Hotel/Golf Course - Hotel Construction (2028) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	6.37	9.25	0.02	0.20	—	0.20	0.18	—	0.18	—	1,838	1,838	0.07	0.01	1,844
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	6.37	9.25	0.02	0.20	—	0.20	0.18	—	0.18	—	1,838	1,838	0.07	0.01	1,844
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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Off-Road Equipment	0.30	2.76	4.00	0.01	0.09	—	0.09	0.08	—	0.08	—	795	795	0.03	0.01	798
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.50	0.73	< 0.005	0.02	—	0.02	0.01	—	0.01	—	132	132	0.01	< 0.005	132
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.03	0.50	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	114	114	< 0.005	< 0.005	115
Vendor	< 0.005	0.11	0.05	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	89.9	89.9	< 0.005	0.01	94.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.44	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	107	107	< 0.005	< 0.005	109
Vendor	< 0.005	0.12	0.06	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	89.9	89.9	< 0.005	0.01	93.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.19	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	46.9	46.9	< 0.005	< 0.005	47.5
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	38.9	38.9	< 0.005	0.01	40.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.76	7.76	< 0.005	< 0.005	7.86
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.44	6.44	< 0.005	< 0.005	6.73
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.32. Hotel/Golf Course - Hotel Construction (2028) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	1.81	11.1	0.02	0.03	—	0.03	0.03	—	0.03	—	1,838	1,838	0.07	0.01	1,844
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	1.81	11.1	0.02	0.03	—	0.03	0.03	—	0.03	—	1,838	1,838	0.07	0.01	1,844
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.78	4.81	0.01	0.01	—	0.01	0.01	—	0.01	—	795	795	0.03	0.01	798
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.14	0.88	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	132	132	0.01	< 0.005	132
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.05	0.03	0.50	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	114	114	< 0.005	< 0.005	115
Vendor	< 0.005	0.11	0.05	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	89.9	89.9	< 0.005	0.01	94.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.44	0.00	0.00	0.11	0.11	0.00	0.03	0.03	—	107	107	< 0.005	< 0.005	109
Vendor	< 0.005	0.12	0.06	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	89.9	89.9	< 0.005	0.01	93.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.19	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	46.9	46.9	< 0.005	< 0.005	47.5
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	38.9	38.9	< 0.005	0.01	40.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.76	7.76	< 0.005	< 0.005	7.86
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.44	6.44	< 0.005	< 0.005	6.73
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.33. Project Paving (2027) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.74	6.94	9.95	0.01	0.30	—	0.30	0.27	—	0.27	—	1,511	1,511	0.06	0.01	1,516
Paving	0.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.74	6.94	9.95	0.01	0.30	—	0.30	0.27	—	0.27	—	1,511	1,511	0.06	0.01	1,516
Paving	0.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	2.34	3.35	< 0.005	0.10	—	0.10	0.09	—	0.09	—	509	509	0.02	< 0.005	510
Paving	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.43	0.61	< 0.005	0.02	—	0.02	0.02	—	0.02	—	84.2	84.2	< 0.005	< 0.005	84.5
Paving	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.04	0.68	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	149	149	0.01	0.01	151
Vendor	< 0.005	0.18	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	145
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.60	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	140	140	0.01	0.01	142
Vendor	< 0.005	0.18	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	144

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.20	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	47.7	47.7	< 0.005	< 0.005	48.4
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	46.6	46.6	< 0.005	0.01	48.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.90	7.90	< 0.005	< 0.005	8.01
Vendor	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.71	7.71	< 0.005	< 0.005	8.05
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.34. Project Paving (2027) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	1.93	10.6	0.01	0.03	—	0.03	0.03	—	0.03	—	1,511	1,511	0.06	0.01	1,516
Paving	0.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	1.93	10.6	0.01	0.03	—	0.03	0.03	—	0.03	—	1,511	1,511	0.06	0.01	1,516
Paving	0.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.65	3.57	< 0.005	0.01	—	0.01	0.01	—	0.01	—	509	509	0.02	< 0.005	510
Paving	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.12	0.65	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	84.2	84.2	< 0.005	< 0.005	84.5
Paving	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.04	0.68	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	149	149	0.01	0.01	151
Vendor	< 0.005	0.18	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	145
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.60	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	140	140	0.01	0.01	142
Vendor	< 0.005	0.18	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	144
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.20	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	47.7	47.7	< 0.005	< 0.005	48.4
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	46.6	46.6	< 0.005	0.01	48.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.90	7.90	< 0.005	< 0.005	8.01
Vendor	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.71	7.71	< 0.005	< 0.005	8.05
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.35. Project Paving (2028) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	6.63	9.91	0.01	0.26	—	0.26	0.24	—	0.24	—	1,511	1,511	0.06	0.01	1,516
Paving	0.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.18	0.27	< 0.005	0.01	—	0.01	0.01	—	0.01	—	41.4	41.4	< 0.005	< 0.005	41.5
Paving	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.03	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.85	6.85	< 0.005	< 0.005	6.88
Paving	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.57	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	138	138	< 0.005	0.01	140
Vendor	< 0.005	0.17	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	135	135	0.01	0.02	141
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.81	3.81	< 0.005	< 0.005	3.87
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.69	3.69	< 0.005	< 0.005	3.86
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.63	0.63	< 0.005	< 0.005	0.64
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.61	0.61	< 0.005	< 0.005	0.64
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.36. Project Paving (2028) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	1.93	10.6	0.01	0.03	—	0.03	0.03	—	0.03	—	1,511	1,511	0.06	0.01	1,516

Paving	0.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.05	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	41.4	41.4	< 0.005	< 0.005	41.5
Paving	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.85	6.85	< 0.005	< 0.005	6.88
Paving	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.57	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	138	138	< 0.005	0.01	140
Vendor	< 0.005	0.17	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	135	135	0.01	0.02	141
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.81	3.81	< 0.005	< 0.005	3.87
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.69	3.69	< 0.005	< 0.005	3.86
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.63	0.63	< 0.005	< 0.005	0.64
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.61	0.61	< 0.005	< 0.005	0.64
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.37. NAR-Architectural Coating (2028) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Architect ural Coatings	12.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Architect ural Coatings	12.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00

Architect ural Coatings	3.75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Architect ural Coatings	0.68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.57	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	130	130	< 0.005	< 0.005	132
Vendor	< 0.005	0.17	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	135	135	0.01	0.02	141
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.50	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	123	123	< 0.005	< 0.005	124
Vendor	< 0.005	0.17	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	135	135	0.01	0.02	141
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.15	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	37.0	37.0	< 0.005	< 0.005	37.6
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	40.4	40.4	< 0.005	0.01	42.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.13	6.13	< 0.005	< 0.005	6.22

Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.69	6.69	< 0.005	< 0.005	6.98
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.38. NAR-Architectural Coating (2028) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	12.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	12.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	3.75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	0.68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.57	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	130	130	< 0.005	< 0.005	132
Vendor	< 0.005	0.17	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	135	135	0.01	0.02	141
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.50	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	123	123	< 0.005	< 0.005	124
Vendor	< 0.005	0.17	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	135	135	0.01	0.02	141
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.15	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	37.0	37.0	< 0.005	< 0.005	37.6
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	40.4	40.4	< 0.005	0.01	42.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.13	6.13	< 0.005	< 0.005	6.22
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.69	6.69	< 0.005	< 0.005	6.98
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.39. NAR-Architectural Coating (2029) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Architectural Coatings	12.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Architectural Coatings	0.29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Architectural Coatings	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.47	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	121	121	< 0.005	< 0.005	122
Vendor	< 0.005	0.17	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	131	131	0.01	0.02	137
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.86	2.86	< 0.005	< 0.005	2.89
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.08	3.08	< 0.005	< 0.005	3.21
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.47	0.47	< 0.005	< 0.005	0.48
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.51	0.51	< 0.005	< 0.005	0.53
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.40. NAR-Architectural Coating (2029) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	12.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.47	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	121	121	< 0.005	< 0.005	122
Vendor	< 0.005	0.17	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	131	131	0.01	0.02	137
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.86	2.86	< 0.005	< 0.005	2.89
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.08	3.08	< 0.005	< 0.005	3.21
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.47	0.47	< 0.005	< 0.005	0.48
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.51	0.51	< 0.005	< 0.005	0.53
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.41. WAR-Architectural Coating (2028) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Architect ural Coatings	10.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Architect ural Coatings	10.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Architect ural Coatings	1.89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Architectural Coatings	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.28	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	64.9	64.9	< 0.005	< 0.005	65.9
Vendor	< 0.005	0.17	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	135	135	0.01	0.02	141
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.25	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	61.3	61.3	< 0.005	< 0.005	62.1
Vendor	< 0.005	0.17	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	135	135	0.01	0.02	141
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.2	11.2	< 0.005	< 0.005	11.3
Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	24.4	24.4	< 0.005	< 0.005	25.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.85	1.85	< 0.005	< 0.005	1.88
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.04	4.04	< 0.005	< 0.005	4.22
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.42. WAR-Architectural Coating (2028) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	10.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	10.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	1.89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.03	0.02	0.28	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	64.9	64.9	< 0.005	< 0.005	65.9
Vendor	< 0.005	0.17	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	135	135	0.01	0.02	141
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.25	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	61.3	61.3	< 0.005	< 0.005	62.1
Vendor	< 0.005	0.17	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	135	135	0.01	0.02	141
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.2	11.2	< 0.005	< 0.005	11.3
Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	24.4	24.4	< 0.005	< 0.005	25.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.85	1.85	< 0.005	< 0.005	1.88
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.04	4.04	< 0.005	< 0.005	4.22
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.43. Hotel/Golf Course- Clubhouse Architectural Coa (2028) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00

Architect Coatings	11.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Architect ural Coatings	0.68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Architect ural Coatings	0.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.06	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15.3	15.3	< 0.005	< 0.005	15.5
Vendor	< 0.005	0.17	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	135	135	0.01	0.02	141
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.89	0.89	< 0.005	< 0.005	0.90

Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.76	7.76	< 0.005	< 0.005	8.11
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.15	0.15	< 0.005	< 0.005	0.15
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.28	1.28	< 0.005	< 0.005	1.34
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.44. Hotel/Golf Course- Clubhouse Architectural Coa (2028) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	11.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	0.68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	0.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.06	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15.3	15.3	< 0.005	< 0.005	15.5
Vendor	< 0.005	0.17	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	135	135	0.01	0.02	141
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.89	0.89	< 0.005	< 0.005	0.90
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.76	7.76	< 0.005	< 0.005	8.11
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.15	0.15	< 0.005	< 0.005	0.15
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.28	1.28	< 0.005	< 0.005	1.34
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.45. Hotel/Golf Course-Hotel Architectural Coating (2028) - Unmitigated

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

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

Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Architectural Coatings	15.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Architectural Coatings	1.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Architectural Coatings	0.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.09	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	23.0	23.0	< 0.005	< 0.005	23.3
Vendor	< 0.005	0.17	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	135	135	0.01	0.02	141
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.72	1.72	< 0.005	< 0.005	1.74
Vendor	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.98	9.98	< 0.005	< 0.005	10.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.28	0.28	< 0.005	< 0.005	0.29
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.65	1.65	< 0.005	< 0.005	1.73
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.46. Hotel/Golf Course-Hotel Architectural Coating (2028) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	15.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	1.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.09	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	23.0	23.0	< 0.005	< 0.005	23.3
Vendor	< 0.005	0.17	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	135	135	0.01	0.02	141
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.72	1.72	< 0.005	< 0.005	1.74
Vendor	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.98	9.98	< 0.005	< 0.005	10.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.28	0.28	< 0.005	< 0.005	0.29
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.65	1.65	< 0.005	< 0.005	1.73
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.47. NAR - Wet Utilities (2026) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	5.71	10.6	0.01	0.22	—	0.22	0.20	—	0.20	—	1,616	1,616	0.07	0.01	1,622
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.58	1.07	< 0.005	0.02	—	0.02	0.02	—	0.02	—	164	164	0.01	< 0.005	165
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.11	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	27.2	27.2	< 0.005	< 0.005	27.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.06	0.78	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	175	175	0.01	0.01	177
Vendor	< 0.005	0.19	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	141	141	0.01	0.02	148
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	17.9	17.9	< 0.005	< 0.005	18.2

Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	14.4	14.4	< 0.005	< 0.005	15.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.97	2.97	< 0.005	< 0.005	3.01
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.38	2.38	< 0.005	< 0.005	2.49
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.48. NAR - Wet Utilities (2026) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	1.98	11.3	0.01	0.03	—	0.03	0.03	—	0.03	—	1,616	1,616	0.07	0.01	1,622
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.20	1.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	164	164	0.01	< 0.005	165
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.04	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	27.2	27.2	< 0.005	< 0.005	27.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.06	0.78	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	175	175	0.01	0.01	177
Vendor	< 0.005	0.19	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	141	141	0.01	0.02	148
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	17.9	17.9	< 0.005	< 0.005	18.2
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	14.4	14.4	< 0.005	< 0.005	15.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.97	2.97	< 0.005	< 0.005	3.01
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.38	2.38	< 0.005	< 0.005	2.49
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.49. NAR - Wet Utilities (2027) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.66	5.38	10.6	0.01	0.19	—	0.19	0.18	—	0.18	—	1,616	1,616	0.07	0.01	1,622
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.66	5.38	10.6	0.01	0.19	—	0.19	0.18	—	0.18	—	1,616	1,616	0.07	0.01	1,622
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	2.03	3.99	0.01	0.07	—	0.07	0.07	—	0.07	—	610	610	0.02	< 0.005	613
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.37	0.73	< 0.005	0.01	—	0.01	0.01	—	0.01	—	101	101	< 0.005	< 0.005	101
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.05	0.83	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	182	182	0.01	0.01	185
Vendor	< 0.005	0.18	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	145
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.73	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	172	172	0.01	0.01	174
Vendor	< 0.005	0.18	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	144
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.28	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	65.4	65.4	< 0.005	< 0.005	66.4

Vendor	< 0.005	0.07	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	52.2	52.2	< 0.005	0.01	54.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.8	10.8	< 0.005	< 0.005	11.0
Vendor	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.65	8.65	< 0.005	< 0.005	9.03
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.50. NAR - Wet Utilities (2027) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	1.98	11.3	0.01	0.03	—	0.03	0.03	—	0.03	—	1,616	1,616	0.07	0.01	1,622
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	1.98	11.3	0.01	0.03	—	0.03	0.03	—	0.03	—	1,616	1,616	0.07	0.01	1,622
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.75	4.28	0.01	0.01	—	0.01	0.01	—	0.01	—	610	610	0.02	< 0.005	613
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01	0.14	0.78	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	101	101	< 0.005	< 0.005	101
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.05	0.83	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	182	182	0.01	0.01	185
Vendor	< 0.005	0.18	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	145
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.73	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	172	172	0.01	0.01	174
Vendor	< 0.005	0.18	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	144
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.28	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	65.4	65.4	< 0.005	< 0.005	66.4
Vendor	< 0.005	0.07	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	52.2	52.2	< 0.005	0.01	54.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.8	10.8	< 0.005	< 0.005	11.0
Vendor	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.65	8.65	< 0.005	< 0.005	9.03
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.51. NAR - Dry Utilities (2027) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	1.68	2.49	< 0.005	0.06	—	0.06	0.05	—	0.05	—	387	387	0.02	< 0.005	388
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	1.68	2.49	< 0.005	0.06	—	0.06	0.05	—	0.05	—	387	387	0.02	< 0.005	388
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.58	0.87	< 0.005	0.02	—	0.02	0.02	—	0.02	—	135	135	0.01	< 0.005	135
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.11	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	22.3	22.3	< 0.005	< 0.005	22.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.05	0.75	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	165	165	0.01	0.01	168
Vendor	< 0.005	0.18	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	145
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.07	0.06	0.67	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	156	156	0.01	0.01	158
Vendor	< 0.005	0.18	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	144
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.23	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	54.8	54.8	< 0.005	< 0.005	55.6
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	48.1	48.1	< 0.005	0.01	50.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.07	9.07	< 0.005	< 0.005	9.20
Vendor	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.97	7.97	< 0.005	< 0.005	8.32
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.52. NAR - Dry Utilities (2027) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	2.08	4.73	0.01	0.01	—	0.01	0.01	—	0.01	—	677	677	0.03	0.01	679
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	2.08	4.73	0.01	0.01	—	0.01	0.01	—	0.01	—	677	677	0.03	0.01	679
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.72	1.65	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	236	236	0.01	< 0.005	236
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.13	0.30	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	39.0	39.0	< 0.005	< 0.005	39.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.05	0.75	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	165	165	0.01	0.01	168
Vendor	< 0.005	0.18	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	145
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.67	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	156	156	0.01	0.01	158
Vendor	< 0.005	0.18	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	144
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.23	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	54.8	54.8	< 0.005	< 0.005	55.6
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	48.1	48.1	< 0.005	0.01	50.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.07	9.07	< 0.005	< 0.005	9.20
Vendor	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.97	7.97	< 0.005	< 0.005	8.32

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
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3.53. WAR - Wet Utilities (2026) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	5.71	10.6	0.01	0.22	—	0.22	0.20	—	0.20	—	1,616	1,616	0.07	0.01	1,622
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.58	1.07	< 0.005	0.02	—	0.02	0.02	—	0.02	—	164	164	0.01	< 0.005	165
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.11	0.20	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	27.2	27.2	< 0.005	< 0.005	27.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.08	0.06	0.78	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	175	175	0.01	0.01	177
Vendor	< 0.005	0.19	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	141	141	0.01	0.02	148
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	17.9	17.9	< 0.005	< 0.005	18.2
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	14.4	14.4	< 0.005	< 0.005	15.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.97	2.97	< 0.005	< 0.005	3.01
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.38	2.38	< 0.005	< 0.005	2.49
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.54. WAR - Wet Utilities (2026) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	1.98	11.3	0.01	0.03	—	0.03	0.03	—	0.03	—	1,616	1,616	0.07	0.01	1,622
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.20	1.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	164	164	0.01	< 0.005	165

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.04	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	27.2	27.2	< 0.005	< 0.005	27.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.06	0.78	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	175	175	0.01	0.01	177
Vendor	< 0.005	0.19	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	141	141	0.01	0.02	148
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	17.9	17.9	< 0.005	< 0.005	18.2
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	14.4	14.4	< 0.005	< 0.005	15.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.97	2.97	< 0.005	< 0.005	3.01
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.38	2.38	< 0.005	< 0.005	2.49
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.55. WAR - Wet Utilities (2027) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.66	5.38	10.6	0.01	0.19	—	0.19	0.18	—	0.18	—	1,616	1,616	0.07	0.01	1,622
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.66	5.38	10.6	0.01	0.19	—	0.19	0.18	—	0.18	—	1,616	1,616	0.07	0.01	1,622
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	1.22	2.40	< 0.005	0.04	—	0.04	0.04	—	0.04	—	367	367	0.01	< 0.005	368
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.22	0.44	< 0.005	0.01	—	0.01	0.01	—	0.01	—	60.7	60.7	< 0.005	< 0.005	61.0
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.05	0.83	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	182	182	0.01	0.01	185
Vendor	< 0.005	0.18	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	145
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.07	0.06	0.73	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	172	172	0.01	0.01	174
Vendor	< 0.005	0.18	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	144
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.17	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	39.3	39.3	< 0.005	< 0.005	39.9
Vendor	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	31.4	31.4	< 0.005	< 0.005	32.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.51	6.51	< 0.005	< 0.005	6.60
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.20	5.20	< 0.005	< 0.005	5.43
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.56. WAR - Wet Utilities (2027) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	1.98	11.3	0.01	0.03	—	0.03	0.03	—	0.03	—	1,616	1,616	0.07	0.01	1,622
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	1.98	11.3	0.01	0.03	—	0.03	0.03	—	0.03	—	1,616	1,616	0.07	0.01	1,622
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.45	2.57	< 0.005	0.01	—	0.01	0.01	—	0.01	—	367	367	0.01	< 0.005	368
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.08	0.47	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	60.7	60.7	< 0.005	< 0.005	61.0
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.05	0.83	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	182	182	0.01	0.01	185
Vendor	< 0.005	0.18	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	145
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.73	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	172	172	0.01	0.01	174
Vendor	< 0.005	0.18	0.09	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	138	138	0.01	0.02	144
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.17	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	39.3	39.3	< 0.005	< 0.005	39.9
Vendor	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	31.4	31.4	< 0.005	< 0.005	32.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.51	6.51	< 0.005	< 0.005	6.60
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.20	5.20	< 0.005	< 0.005	5.43

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
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3.57. WAR - Dry Utilities (2027) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	1.68	2.49	< 0.005	0.06	—	0.06	0.05	—	0.05	—	387	387	0.02	< 0.005	388
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	1.68	2.49	< 0.005	0.06	—	0.06	0.05	—	0.05	—	387	387	0.02	< 0.005	388
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.46	0.68	< 0.005	0.02	—	0.02	0.01	—	0.01	—	106	106	< 0.005	< 0.005	106
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.08	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.5	17.5	< 0.005	< 0.005	17.6
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.05	0.75	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	165	165	0.01	0.01	168
Vendor	< 0.005	0.15	0.07	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	115	115	< 0.005	0.02	120
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.67	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	156	156	0.01	0.01	158
Vendor	< 0.005	0.15	0.07	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	115	115	< 0.005	0.02	120
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.18	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	43.1	43.1	< 0.005	< 0.005	43.8
Vendor	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	31.6	31.6	< 0.005	< 0.005	33.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.14	7.14	< 0.005	< 0.005	7.24
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.23	5.23	< 0.005	< 0.005	5.46
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.58. WAR - Dry Utilities (2027) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	2.08	4.73	0.01	0.01	—	0.01	0.01	—	0.01	—	677	677	0.03	0.01	679

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	2.08	4.73	0.01	0.01	—	0.01	0.01	—	0.01	—	677	677	0.03	0.01	679
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.57	1.30	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	185	185	0.01	< 0.005	186
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.10	0.24	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	30.7	30.7	< 0.005	< 0.005	30.8
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.05	0.75	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	165	165	0.01	0.01	168
Vendor	< 0.005	0.15	0.07	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	115	115	< 0.005	0.02	120
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.67	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	156	156	0.01	0.01	158
Vendor	< 0.005	0.15	0.07	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	115	115	< 0.005	0.02	120
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.18	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	43.1	43.1	< 0.005	< 0.005	43.8
Vendor	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	31.6	31.6	< 0.005	< 0.005	33.0
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.14	7.14	< 0.005	< 0.005	7.24
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.23	5.23	< 0.005	< 0.005	5.46
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.59. Hotel/Golf Course-Finish (2028) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.94	7.59	9.44	0.02	0.38	—	0.38	0.35	—	0.35	—	2,100	2,100	0.09	0.02	2,108
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.98	1.22	< 0.005	0.05	—	0.05	0.04	—	0.04	—	270	270	0.01	< 0.005	271
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.02	0.18	0.22	< 0.005	0.01	—	0.01	0.01	—	0.01	—	44.8	44.8	< 0.005	< 0.005	44.9
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.43	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	97.4	97.4	< 0.005	< 0.005	98.8
Vendor	< 0.005	0.17	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	135	135	0.01	0.02	141
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.9	11.9	< 0.005	< 0.005	12.1
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	17.4	17.4	< 0.005	< 0.005	18.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.98	1.98	< 0.005	< 0.005	2.01
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.88	2.88	< 0.005	< 0.005	3.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

3.60. Hotel/Golf Course-Finish (2028) - Mitigated

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

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

Off-Road Equipment	0.20	1.03	12.2	0.02	0.04	—	0.04	0.04	—	0.04	—	2,100	2,100	0.09	0.02	2,108
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.13	1.57	< 0.005	0.01	—	0.01	0.01	—	0.01	—	270	270	0.01	< 0.005	271
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.29	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	44.8	44.8	< 0.005	< 0.005	44.9
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.43	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	97.4	97.4	< 0.005	< 0.005	98.8
Vendor	< 0.005	0.17	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	135	135	0.01	0.02	141
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.9	11.9	< 0.005	< 0.005	12.1
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	17.4	17.4	< 0.005	< 0.005	18.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.98	1.98	< 0.005	< 0.005	2.01
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.88	2.88	< 0.005	< 0.005	3.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	6.51	4.17	46.1	0.12	0.08	10.8	10.8	0.08	2.73	2.80	—	11,898	11,898	0.54	0.45	12,075
Golf Course	2.29	1.30	14.1	0.03	0.02	3.11	3.14	0.02	0.79	0.81	—	3,470	3,470	0.17	0.14	3,524
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Racquet Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hotel	1.77	1.10	12.1	0.03	0.02	2.79	2.81	0.02	0.71	0.73	—	3,092	3,092	0.14	0.12	3,139
Quality Restaurant	1.14	0.57	5.97	0.01	0.01	1.22	1.23	0.01	0.31	0.32	—	1,374	1,374	0.08	0.06	1,397
Single Family Housing	0.20	0.11	1.23	< 0.005	< 0.005	0.27	0.28	< 0.005	0.07	0.07	—	305	305	0.02	0.01	309
Total	11.9	7.24	79.5	0.20	0.14	18.2	18.3	0.13	4.60	4.73	—	20,138	20,138	0.95	0.78	20,444

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	6.40	4.57	43.6	0.11	0.08	10.8	10.8	0.08	2.73	2.80	—	11,372	11,372	0.57	0.48	11,529
Golf Course	2.25	1.43	13.6	0.03	0.02	3.11	3.14	0.02	0.79	0.81	—	3,318	3,318	0.19	0.15	3,367
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Racquet Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hotel	1.74	1.21	11.5	0.03	0.02	2.79	2.81	0.02	0.71	0.73	—	2,956	2,956	0.15	0.13	2,997
Quality Restaurant	1.12	0.62	5.90	0.01	0.01	1.22	1.23	0.01	0.31	0.32	—	1,315	1,315	0.09	0.06	1,336
Single Family Housing	0.19	0.12	1.18	< 0.005	< 0.005	0.27	0.28	< 0.005	0.07	0.07	—	291	291	0.02	0.01	296
Total	11.7	7.96	75.7	0.19	0.14	18.2	18.3	0.13	4.60	4.73	—	19,251	19,251	1.01	0.83	19,524
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	1.15	0.82	7.94	0.02	0.01	1.95	1.97	0.01	0.50	0.51	—	1,896	1,896	0.09	0.08	1,924
Golf Course	0.40	0.26	2.46	0.01	< 0.005	0.57	0.57	< 0.005	0.14	0.15	—	553	553	0.03	0.02	562
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Racquet Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hotel	0.31	0.22	2.09	0.01	< 0.005	0.51	0.51	< 0.005	0.13	0.13	—	493	493	0.02	0.02	500

Quality Restaurant	0.20	0.11	1.06	< 0.005	< 0.005	0.22	0.22	< 0.005	0.06	0.06	—	219	219	0.01	0.01	223
Single Family Housing	0.03	0.02	0.21	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	48.6	48.6	< 0.005	< 0.005	49.3
Total	2.11	1.43	13.8	0.03	0.03	3.30	3.32	0.02	0.84	0.86	—	3,209	3,209	0.16	0.14	3,257

4.1.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	6.51	4.17	46.1	0.12	0.08	10.8	10.8	0.08	2.73	2.80	—	11,898	11,898	0.54	0.45	12,075
Golf Course	2.29	1.30	14.1	0.03	0.02	3.11	3.14	0.02	0.79	0.81	—	3,470	3,470	0.17	0.14	3,524
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Racquet Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hotel	1.77	1.10	12.1	0.03	0.02	2.79	2.81	0.02	0.71	0.73	—	3,092	3,092	0.14	0.12	3,139
Quality Restaurant	1.14	0.57	5.97	0.01	0.01	1.22	1.23	0.01	0.31	0.32	—	1,374	1,374	0.08	0.06	1,397
Single Family Housing	0.20	0.11	1.23	< 0.005	< 0.005	0.27	0.28	< 0.005	0.07	0.07	—	305	305	0.02	0.01	309
Total	11.9	7.24	79.5	0.20	0.14	18.2	18.3	0.13	4.60	4.73	—	20,138	20,138	0.95	0.78	20,444
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Condo/To	6.40	4.57	43.6	0.11	0.08	10.8	10.8	0.08	2.73	2.80	—	11,372	11,372	0.57	0.48	11,529
Golf Course	2.25	1.43	13.6	0.03	0.02	3.11	3.14	0.02	0.79	0.81	—	3,318	3,318	0.19	0.15	3,367
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Racquet Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hotel	1.74	1.21	11.5	0.03	0.02	2.79	2.81	0.02	0.71	0.73	—	2,956	2,956	0.15	0.13	2,997
Quality Restaurant	1.12	0.62	5.90	0.01	0.01	1.22	1.23	0.01	0.31	0.32	—	1,315	1,315	0.09	0.06	1,336
Single Family Housing	0.19	0.12	1.18	< 0.005	< 0.005	0.27	0.28	< 0.005	0.07	0.07	—	291	291	0.02	0.01	296
Total	11.7	7.96	75.7	0.19	0.14	18.2	18.3	0.13	4.60	4.73	—	19,251	19,251	1.01	0.83	19,524
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/To wnhouse	1.15	0.82	7.94	0.02	0.01	1.95	1.97	0.01	0.50	0.51	—	1,896	1,896	0.09	0.08	1,924
Golf Course	0.40	0.26	2.46	0.01	< 0.005	0.57	0.57	< 0.005	0.14	0.15	—	553	553	0.03	0.02	562
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Racquet Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hotel	0.31	0.22	2.09	0.01	< 0.005	0.51	0.51	< 0.005	0.13	0.13	—	493	493	0.02	0.02	500
Quality Restaurant	0.20	0.11	1.06	< 0.005	< 0.005	0.22	0.22	< 0.005	0.06	0.06	—	219	219	0.01	0.01	223
Single Family Housing	0.03	0.02	0.21	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	48.6	48.6	< 0.005	< 0.005	49.3

Total	2.11	1.43	13.8	0.03	0.03	3.30	3.32	0.02	0.84	0.86	—	3,209	3,209	0.16	0.14	3,257
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4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	296	296	0.22	0.03	309
Golf Course	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	12.4	12.4	0.01	< 0.005	12.9
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	—	100	100	0.07	0.01	104
Hotel	—	—	—	—	—	—	—	—	—	—	—	296	296	0.22	0.03	309
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	—	16.2	16.2	0.01	< 0.005	16.9
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	10.7	10.7	0.01	< 0.005	11.2
Total	—	—	—	—	—	—	—	—	—	—	—	731	731	0.53	0.06	764
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	296	296	0.22	0.03	309

Golf Course	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	12.4	12.4	0.01	< 0.005	12.9
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	—	100	100	0.07	0.01	104
Hotel	—	—	—	—	—	—	—	—	—	—	—	296	296	0.22	0.03	309
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	—	16.2	16.2	0.01	< 0.005	16.9
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	10.7	10.7	0.01	< 0.005	11.2
Total	—	—	—	—	—	—	—	—	—	—	—	731	731	0.53	0.06	764
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	49.0	49.0	0.04	< 0.005	51.2
Golf Course	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	2.05	2.05	< 0.005	< 0.005	2.14
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	—	16.6	16.6	0.01	< 0.005	17.3
Hotel	—	—	—	—	—	—	—	—	—	—	—	48.9	48.9	0.04	< 0.005	51.1
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	—	2.68	2.68	< 0.005	< 0.005	2.80
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	1.78	1.78	< 0.005	< 0.005	1.86
Total	—	—	—	—	—	—	—	—	—	—	—	121	121	0.09	0.01	126

4.2.2. Electricity Emissions By Land Use - Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	279	279	0.20	0.02	292
Golf Course	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	12.4	12.4	0.01	< 0.005	12.9
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	—	100	100	0.07	0.01	104
Hotel	—	—	—	—	—	—	—	—	—	—	—	278	278	0.20	0.02	291
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	—	14.0	14.0	0.01	< 0.005	14.7
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	10.3	10.3	0.01	< 0.005	10.8
Total	—	—	—	—	—	—	—	—	—	—	—	694	694	0.51	0.06	725
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	279	279	0.20	0.02	292
Golf Course	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	12.4	12.4	0.01	< 0.005	12.9

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	—	100	100	0.07	0.01	104
Hotel	—	—	—	—	—	—	—	—	—	—	—	278	278	0.20	0.02	291
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	—	14.0	14.0	0.01	< 0.005	14.7
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	10.3	10.3	0.01	< 0.005	10.8
Total	—	—	—	—	—	—	—	—	—	—	—	694	694	0.51	0.06	725
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	46.2	46.2	0.03	< 0.005	48.3
Golf Course	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	2.05	2.05	< 0.005	< 0.005	2.14
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	—	16.6	16.6	0.01	< 0.005	17.3
Hotel	—	—	—	—	—	—	—	—	—	—	—	46.1	46.1	0.03	< 0.005	48.2
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	—	2.32	2.32	< 0.005	< 0.005	2.43
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	1.71	1.71	< 0.005	< 0.005	1.78
Total	—	—	—	—	—	—	—	—	—	—	—	115	115	0.08	0.01	120

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Golf Course	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Racquet Club	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Hotel	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Quality Restaurant	0.01	0.11	0.09	< 0.005	0.01	—	0.01	0.01	—	0.01	—	132	132	0.01	< 0.005	133
Single Family Housing	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.01	0.11	0.09	< 0.005	0.01	—	0.01	0.01	—	0.01	—	132	132	0.01	< 0.005	133
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Golf Course	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00

Racquet Club	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Hotel	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Quality Restaurant	0.01	0.11	0.09	< 0.005	0.01	—	0.01	0.01	—	0.01	—	132	132	0.01	< 0.005	133
Single Family Housing	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.01	0.11	0.09	< 0.005	0.01	—	0.01	0.01	—	0.01	—	132	132	0.01	< 0.005	133
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Golf Course	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Racquet Club	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Hotel	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Quality Restaurant	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21.9	21.9	< 0.005	< 0.005	22.0
Single Family Housing	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21.9	21.9	< 0.005	< 0.005	22.0

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
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Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Golf Course	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Racquet Club	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Hotel	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Quality Restaurant	0.01	0.11	0.09	< 0.005	0.01	—	0.01	0.01	—	0.01	—	132	132	0.01	< 0.005	133
Single Family Housing	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.01	0.11	0.09	< 0.005	0.01	—	0.01	0.01	—	0.01	—	132	132	0.01	< 0.005	133
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Golf Course	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Racquet Club	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00

Hotel	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Quality Restaurant	0.01	0.11	0.09	< 0.005	0.01	—	0.01	0.01	—	0.01	—	132	132	0.01	< 0.005	133
Single Family Housing	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	0.01	0.11	0.09	< 0.005	0.01	—	0.01	0.01	—	0.01	—	132	132	0.01	< 0.005	133
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Golf Course	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Racquet Club	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Hotel	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Quality Restaurant	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21.9	21.9	< 0.005	< 0.005	22.0
Single Family Housing	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Total	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21.9	21.9	< 0.005	< 0.005	22.0

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
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Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	10.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscaping Equipment	0.74	0.19	38.3	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79.3	79.3	< 0.005	< 0.005	79.6
Total	11.8	0.19	38.3	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	79.3	79.3	< 0.005	< 0.005	79.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	10.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscaping Equipment	0.74	0.19	38.3	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79.3	79.3	< 0.005	< 0.005	79.6
Total	11.8	0.19	38.3	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	79.3	79.3	< 0.005	< 0.005	79.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	1.90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural	0.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.09	0.02	4.90	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.22	9.22	< 0.005	< 0.005	9.26
Total	2.11	0.02	4.90	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	9.22	9.22	< 0.005	< 0.005	9.26

4.3.2. Mitigated

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

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	10.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.74	0.19	38.3	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79.3	79.3	< 0.005	< 0.005	79.6
Total	11.8	0.19	38.3	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	79.3	79.3	< 0.005	< 0.005	79.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	10.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural Coatings	0.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.74	0.19	38.3	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79.3	79.3	< 0.005	< 0.005	79.6
Total	11.8	0.19	38.3	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	79.3	79.3	< 0.005	< 0.005	79.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	1.90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.09	0.02	4.90	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.22	9.22	< 0.005	< 0.005	9.26
Total	2.11	0.02	4.90	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	9.22	9.22	< 0.005	< 0.005	9.26

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	15.9	7.93	23.8	1.63	0.04	76.4
Golf Course	—	—	—	—	—	—	—	—	—	—	0.00	98.6	98.6	0.07	0.01	103

Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	2.64	1.16	3.80	0.27	0.01	12.6
Hotel	—	—	—	—	—	—	—	—	—	—	2.53	2.02	4.54	0.26	0.01	12.9
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	2.14	0.94	3.08	0.22	0.01	10.1
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.40	1.02	1.42	0.04	< 0.005	2.80
Total	—	—	—	—	—	—	—	—	—	—	23.6	112	135	2.50	0.07	218
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	15.9	7.93	23.8	1.63	0.04	76.4
Golf Course	—	—	—	—	—	—	—	—	—	—	0.00	98.6	98.6	0.07	0.01	103
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	2.64	1.16	3.80	0.27	0.01	12.6
Hotel	—	—	—	—	—	—	—	—	—	—	2.53	2.02	4.54	0.26	0.01	12.9
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	2.14	0.94	3.08	0.22	0.01	10.1
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.40	1.02	1.42	0.04	< 0.005	2.80
Total	—	—	—	—	—	—	—	—	—	—	23.6	112	135	2.50	0.07	218

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	2.63	1.31	3.94	0.27	0.01	12.7
Golf Course	—	—	—	—	—	—	—	—	—	—	0.00	16.3	16.3	0.01	< 0.005	17.1
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	0.44	0.19	0.63	0.05	< 0.005	2.08
Hotel	—	—	—	—	—	—	—	—	—	—	0.42	0.33	0.75	0.04	< 0.005	2.14
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	0.35	0.16	0.51	0.04	< 0.005	1.68
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.07	0.17	0.24	0.01	< 0.005	0.46
Total	—	—	—	—	—	—	—	—	—	—	3.91	18.5	22.4	0.41	0.01	36.1

4.4.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	13.1	6.73	19.9	1.35	0.03	63.4
Golf Course	—	—	—	—	—	—	—	—	—	—	0.00	98.6	98.6	0.07	0.01	103
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	2.34	1.03	3.37	0.24	0.01	11.1
Hotel	—	—	—	—	—	—	—	—	—	—	2.23	1.88	4.11	0.23	0.01	11.5
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	1.93	0.85	2.78	0.20	< 0.005	9.16
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.33	0.99	1.32	0.03	< 0.005	2.46
Total	—	—	—	—	—	—	—	—	—	—	20.0	110	130	2.13	0.06	201
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	13.1	6.73	19.9	1.35	0.03	63.4
Golf Course	—	—	—	—	—	—	—	—	—	—	0.00	98.6	98.6	0.07	0.01	103
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	2.34	1.03	3.37	0.24	0.01	11.1
Hotel	—	—	—	—	—	—	—	—	—	—	2.23	1.88	4.11	0.23	0.01	11.5
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	1.93	0.85	2.78	0.20	< 0.005	9.16
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.33	0.99	1.32	0.03	< 0.005	2.46
Total	—	—	—	—	—	—	—	—	—	—	20.0	110	130	2.13	0.06	201
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	2.18	1.11	3.29	0.22	0.01	10.5
Golf Course	—	—	—	—	—	—	—	—	—	—	0.00	16.3	16.3	0.01	< 0.005	17.1
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	0.39	0.17	0.56	0.04	< 0.005	1.84
Hotel	—	—	—	—	—	—	—	—	—	—	0.37	0.31	0.68	0.04	< 0.005	1.91
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	0.32	0.14	0.46	0.03	< 0.005	1.52
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.06	0.16	0.22	0.01	< 0.005	0.41
Total	—	—	—	—	—	—	—	—	—	—	3.31	18.2	21.5	0.35	0.01	33.2

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	94.0	0.00	94.0	9.39	0.00	329
Golf Course	—	—	—	—	—	—	—	—	—	—	52.1	0.00	52.1	5.21	0.00	182
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	71.7	0.00	71.7	7.16	0.00	251
Hotel	—	—	—	—	—	—	—	—	—	—	15.3	0.00	15.3	1.53	0.00	53.7
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	1.81	0.00	1.81	0.18	0.00	6.32
Single Family Housing	—	—	—	—	—	—	—	—	—	—	2.17	0.00	2.17	0.22	0.00	7.60
Total	—	—	—	—	—	—	—	—	—	—	237	0.00	237	23.7	0.00	830
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	94.0	0.00	94.0	9.39	0.00	329
Golf Course	—	—	—	—	—	—	—	—	—	—	52.1	0.00	52.1	5.21	0.00	182
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	71.7	0.00	71.7	7.16	0.00	251
Hotel	—	—	—	—	—	—	—	—	—	—	15.3	0.00	15.3	1.53	0.00	53.7
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	1.81	0.00	1.81	0.18	0.00	6.32
Single Family Housing	—	—	—	—	—	—	—	—	—	—	2.17	0.00	2.17	0.22	0.00	7.60
Total	—	—	—	—	—	—	—	—	—	—	237	0.00	237	23.7	0.00	830
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	15.6	0.00	15.6	1.56	0.00	54.4
Golf Course	—	—	—	—	—	—	—	—	—	—	8.63	0.00	8.63	0.86	0.00	30.2
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	11.9	0.00	11.9	1.19	0.00	41.5
Hotel	—	—	—	—	—	—	—	—	—	—	2.54	0.00	2.54	0.25	0.00	8.89
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	0.30	0.00	0.30	0.03	0.00	1.05
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.36	0.00	0.36	0.04	0.00	1.26
Total	—	—	—	—	—	—	—	—	—	—	39.3	0.00	39.3	3.92	0.00	137

4.5.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	70.5	0.00	70.5	7.05	0.00	247
Golf Course	—	—	—	—	—	—	—	—	—	—	39.1	0.00	39.1	3.91	0.00	137
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00

Racquet Club	—	—	—	—	—	—	—	—	—	—	53.7	0.00	53.7	5.37	0.00	188
Hotel	—	—	—	—	—	—	—	—	—	—	11.5	0.00	11.5	1.15	0.00	40.3
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	1.36	0.00	1.36	0.14	0.00	4.74
Single Family Housing	—	—	—	—	—	—	—	—	—	—	1.63	0.00	1.63	0.16	0.00	5.70
Total	—	—	—	—	—	—	—	—	—	—	178	0.00	178	17.8	0.00	622
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	70.5	0.00	70.5	7.05	0.00	247
Golf Course	—	—	—	—	—	—	—	—	—	—	39.1	0.00	39.1	3.91	0.00	137
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	53.7	0.00	53.7	5.37	0.00	188
Hotel	—	—	—	—	—	—	—	—	—	—	11.5	0.00	11.5	1.15	0.00	40.3
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	1.36	0.00	1.36	0.14	0.00	4.74
Single Family Housing	—	—	—	—	—	—	—	—	—	—	1.63	0.00	1.63	0.16	0.00	5.70
Total	—	—	—	—	—	—	—	—	—	—	178	0.00	178	17.8	0.00	622
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	11.7	0.00	11.7	1.17	0.00	40.8
Golf Course	—	—	—	—	—	—	—	—	—	—	6.47	0.00	6.47	0.65	0.00	22.6

Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	8.90	0.00	8.90	0.89	0.00	31.1
Hotel	—	—	—	—	—	—	—	—	—	—	1.91	0.00	1.91	0.19	0.00	6.67
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	0.22	0.00	0.22	0.02	0.00	0.79
Single Family Housing	—	—	—	—	—	—	—	—	—	—	0.27	0.00	0.27	0.03	0.00	0.94
Total	—	—	—	—	—	—	—	—	—	—	29.4	0.00	29.4	2.94	0.00	103

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.79
Golf Course	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.11
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.74

Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.08
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	126
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.79
Golf Course	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.11
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.74
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.08
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	126
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.30
Golf Course	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	19.5
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.95
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.8

4.6.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.79
Golf Course	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.11
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.74
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.08
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	126
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.79
Golf Course	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.11
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.74
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.08

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	126
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Condo/Townhouse	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.30
Golf Course	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	19.5
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.95
Single Family Housing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.8

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.7.2. Mitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

4.8.2. Mitigated

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

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

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequeste red	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequeste red	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequeste red	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequeste red	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
------------	------------	------------	----------	---------------	---------------------	-------------------

NAR-Demolition	Demolition	7/1/2026	9/8/2026	5.00	50.0	—
Project import	Site Preparation	8/4/2025	2/6/2026	5.00	135	—
Hotel/Golf Course-Grading Excavation	Site Preparation	8/1/2026	4/28/2027	5.00	193	—
NAR-Grading	Grading	8/1/2026	11/6/2026	5.00	70.0	—
WAR-Grading	Grading	8/1/2026	10/23/2026	5.00	60.0	—
Hotel/Golf Course-Grading	Grading	3/24/2027	11/30/2027	5.00	180	—
NAR-Building Construction	Building Construction	5/1/2027	1/12/2029	5.00	445	—
WAR-Building Construction	Building Construction	5/1/2027	12/3/2028	5.00	415	—
Hotel/Golf Course-Clubhouse Construction	Building Construction	12/1/2027	4/29/2028	5.00	108	—
Hotel/Golf Course - Hotel Construction	Building Construction	4/9/2028	11/15/2028	5.00	158	—
Project Paving	Paving	7/13/2027	1/14/2028	5.00	134	—
NAR-Architectural Coating	Architectural Coating	8/1/2028	1/12/2029	5.00	119	—
WAR-Architectural Coating	Architectural Coating	9/1/2028	12/3/2028	5.00	66.0	—
Hotel/Golf Course-Clubhouse Architectural Coa	Architectural Coating	3/1/2028	3/29/2028	5.00	21.0	—
Hotel/Golf Course-Hotel Architectural Coating	Architectural Coating	11/20/2028	12/26/2028	5.00	27.0	—
NAR - Wet Utilities	Trenching	11/10/2026	7/12/2027	5.00	175	—
NAR - Dry Utilities	Trenching	2/27/2027	8/24/2027	5.00	127	—
WAR - Wet Utilities	Trenching	11/10/2026	4/26/2027	5.00	120	—
WAR - Dry Utilities	Trenching	2/27/2027	7/16/2027	5.00	100	—
Hotel/Golf Course-Finish	Trenching	4/2/2028	6/6/2028	5.00	47.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
NAR-Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	4.00	33.0	0.73
NAR-Demolition	Excavators	Diesel	Average	1.00	4.00	36.0	0.38
NAR-Demolition	Crawler Tractors	Diesel	Average	1.00	4.00	87.0	0.43
Project import	Crawler Tractors	Diesel	Average	1.00	6.00	87.0	0.43
Hotel/Golf Course-Grading Excavation	Rubber Tired Dozers	Diesel	Average	1.00	2.00	367	0.40
Hotel/Golf Course-Grading Excavation	Graders	Diesel	Average	1.00	2.00	148	0.41
Hotel/Golf Course-Grading Excavation	Scrapers	Diesel	Average	1.00	8.00	423	0.48
Hotel/Golf Course-Grading Excavation	Crawler Tractors	Diesel	Average	1.00	3.00	87.0	0.43
NAR-Grading	Graders	Diesel	Average	1.00	4.00	148	0.41
NAR-Grading	Rubber Tired Dozers	Diesel	Average	1.00	4.00	367	0.40
NAR-Grading	Scrapers	Diesel	Average	2.00	4.00	423	0.48
NAR-Grading	Crawler Tractors	Diesel	Average	2.00	4.00	87.0	0.43
WAR-Grading	Graders	Diesel	Average	1.00	4.00	148	0.41
WAR-Grading	Rubber Tired Dozers	Diesel	Average	1.00	4.00	367	0.40
WAR-Grading	Scrapers	Diesel	Average	2.00	4.00	423	0.48
WAR-Grading	Crawler Tractors	Diesel	Average	2.00	4.00	87.0	0.43
Hotel/Golf Course-Grading	Graders	Diesel	Average	1.00	4.00	148	0.41

Hotel/Golf Course-Grading	Rubber Tired Dozers	Diesel	Average	1.00	4.00	367	0.40
Hotel/Golf Course-Grading	Scrapers	Diesel	Average	2.00	4.00	423	0.48
Hotel/Golf Course-Grading	Crawler Tractors	Diesel	Average	2.00	4.00	87.0	0.43
NAR-Building Construction	Forklifts	Diesel	Average	2.00	4.00	82.0	0.20
NAR-Building Construction	Tractors/Loaders/Back hoes	Diesel	Average	2.00	7.00	84.0	0.37
NAR-Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
NAR-Building Construction	Rough Terrain Forklifts	Diesel	Average	1.00	4.00	96.0	0.40
WAR-Building Construction	Forklifts	Diesel	Average	2.00	4.00	82.0	0.20
WAR-Building Construction	Tractors/Loaders/Back hoes	Diesel	Average	2.00	7.00	84.0	0.37
WAR-Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
WAR-Building Construction	Rough Terrain Forklifts	Diesel	Average	1.00	4.00	96.0	0.40
Hotel/Golf Course-Clubhouse Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Hotel/Golf Course-Clubhouse Construction	Forklifts	Diesel	Average	1.00	4.00	82.0	0.20
Hotel/Golf Course-Clubhouse Construction	Tractors/Loaders/Back hoes	Diesel	Average	2.00	7.00	84.0	0.37
Hotel/Golf Course-Clubhouse Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45

Hotel/Golf Course-Clubhouse Construction	Rough Terrain Forklifts	Diesel	Average	1.00	4.00	96.0	0.40
Hotel/Golf Course - Hotel Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Hotel/Golf Course - Hotel Construction	Forklifts	Diesel	Average	1.00	4.00	82.0	0.20
Hotel/Golf Course - Hotel Construction	Tractors/Loaders/Back hoes	Diesel	Average	2.00	7.00	84.0	0.37
Hotel/Golf Course - Hotel Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Hotel/Golf Course - Hotel Construction	Rough Terrain Forklifts	Diesel	Average	1.00	4.00	96.0	0.40
Project Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Project Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Project Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
NAR-Architectural Coating	Air Compressors	Electric	Average	1.00	6.00	37.0	0.48
WAR-Architectural Coating	Air Compressors	Electric	Average	1.00	6.00	37.0	0.48
Hotel/Golf Course-Clubhouse Architectural Coa	Air Compressors	Electric	Average	1.00	6.00	37.0	0.48
Hotel/Golf Course-Hotel Architectural Coating	Air Compressors	Electric	Average	1.00	6.00	37.0	0.48
NAR - Wet Utilities	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
NAR - Wet Utilities	Tractors/Loaders/Back hoes	Diesel	Average	2.00	8.00	84.0	0.37
NAR - Wet Utilities	Rubber Tired Loaders	Diesel	Average	2.00	6.00	150	0.36
NAR - Dry Utilities	Skid Steer Loaders	Diesel	Average	1.00	8.00	71.0	0.37
NAR - Dry Utilities	Rollers	Diesel	Average	1.00	8.00	36.0	0.38
NAR - Dry Utilities	Tractors/Loaders/Back hoes	Diesel	Average	1.00	8.00	84.0	0.37

WAR - Wet Utilities	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
WAR - Wet Utilities	Tractors/Loaders/Back hoes	Diesel	Average	2.00	8.00	84.0	0.37
WAR - Wet Utilities	Rubber Tired Loaders	Diesel	Average	2.00	6.00	150	0.36
WAR - Dry Utilities	Skid Steer Loaders	Diesel	Average	1.00	8.00	71.0	0.37
WAR - Dry Utilities	Rollers	Diesel	Average	1.00	8.00	36.0	0.38
WAR - Dry Utilities	Tractors/Loaders/Back hoes	Diesel	Average	1.00	8.00	84.0	0.37
Hotel/Golf Course-Finish	Graders	Diesel	Average	1.00	8.00	148	0.41
Hotel/Golf Course-Finish	Crawler Tractors	Diesel	Average	1.00	8.00	87.0	0.43
Hotel/Golf Course-Finish	Scrapers	Diesel	Average	1.00	5.00	423	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
NAR-Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	4.00	33.0	0.73
NAR-Demolition	Excavators	Diesel	Tier 4 Final	1.00	4.00	36.0	0.38
NAR-Demolition	Crawler Tractors	Diesel	Tier 4 Final	1.00	4.00	87.0	0.43
Project import	Crawler Tractors	Diesel	Tier 4 Final	1.00	6.00	87.0	0.43
Hotel/Golf Course-Grading Excavation	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	2.00	367	0.40
Hotel/Golf Course-Grading Excavation	Graders	Diesel	Tier 4 Final	1.00	2.00	148	0.41
Hotel/Golf Course-Grading Excavation	Scrapers	Diesel	Tier 4 Final	1.00	8.00	423	0.48

Hotel/Golf Course-Grading Excavation	Crawler Tractors	Diesel	Tier 4 Final	1.00	3.00	87.0	0.43
NAR-Grading	Graders	Diesel	Tier 4 Final	1.00	4.00	148	0.41
NAR-Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	4.00	367	0.40
NAR-Grading	Scrapers	Diesel	Tier 4 Final	2.00	4.00	423	0.48
NAR-Grading	Crawler Tractors	Diesel	Tier 4 Final	2.00	4.00	87.0	0.43
WAR-Grading	Graders	Diesel	Tier 4 Final	1.00	4.00	148	0.41
WAR-Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	4.00	367	0.40
WAR-Grading	Scrapers	Diesel	Tier 4 Final	2.00	4.00	423	0.48
WAR-Grading	Crawler Tractors	Diesel	Tier 4 Final	2.00	4.00	87.0	0.43
Hotel/Golf Course-Grading	Graders	Diesel	Tier 4 Final	1.00	4.00	148	0.41
Hotel/Golf Course-Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	4.00	367	0.40
Hotel/Golf Course-Grading	Scrapers	Diesel	Tier 4 Final	2.00	4.00	423	0.48
Hotel/Golf Course-Grading	Crawler Tractors	Diesel	Tier 4 Final	2.00	4.00	87.0	0.43
NAR-Building Construction	Forklifts	Diesel	Tier 4 Final	2.00	4.00	82.0	0.20
NAR-Building Construction	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	84.0	0.37
NAR-Building Construction	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45
NAR-Building Construction	Rough Terrain Forklifts	Diesel	Tier 4 Final	1.00	4.00	96.0	0.40
WAR-Building Construction	Forklifts	Diesel	Tier 4 Final	2.00	4.00	82.0	0.20
WAR-Building Construction	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	84.0	0.37
WAR-Building Construction	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45

WAR-Building Construction	Rough Terrain Forklifts	Diesel	Tier 4 Final	1.00	4.00	96.0	0.40
Hotel/Golf Course-Clubhouse Construction	Cranes	Diesel	Tier 4 Final	1.00	7.00	367	0.29
Hotel/Golf Course-Clubhouse Construction	Forklifts	Diesel	Tier 4 Final	1.00	4.00	82.0	0.20
Hotel/Golf Course-Clubhouse Construction	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	84.0	0.37
Hotel/Golf Course-Clubhouse Construction	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45
Hotel/Golf Course-Clubhouse Construction	Rough Terrain Forklifts	Diesel	Tier 4 Final	1.00	4.00	96.0	0.40
Hotel/Golf Course - Hotel Construction	Cranes	Diesel	Tier 4 Final	1.00	7.00	367	0.29
Hotel/Golf Course - Hotel Construction	Forklifts	Diesel	Tier 4 Final	1.00	4.00	82.0	0.20
Hotel/Golf Course - Hotel Construction	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	7.00	84.0	0.37
Hotel/Golf Course - Hotel Construction	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45
Hotel/Golf Course - Hotel Construction	Rough Terrain Forklifts	Diesel	Tier 4 Final	1.00	4.00	96.0	0.40
Project Paving	Pavers	Diesel	Tier 4 Final	2.00	8.00	81.0	0.42
Project Paving	Paving Equipment	Diesel	Tier 4 Final	2.00	8.00	89.0	0.36
Project Paving	Rollers	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
NAR-Architectural Coating	Air Compressors	Electric	Tier 4 Final	1.00	6.00	37.0	0.48
WAR-Architectural Coating	Air Compressors	Electric	Tier 4 Final	1.00	6.00	37.0	0.48

Hotel/Golf Course-Clubhouse Architectural Coa	Air Compressors	Electric	Tier 4 Final	1.00	6.00	37.0	0.48
Hotel/Golf Course-Hotel Architectural Coating	Air Compressors	Electric	Tier 4 Final	1.00	6.00	37.0	0.48
NAR - Wet Utilities	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
NAR - Wet Utilities	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
NAR - Wet Utilities	Rubber Tired Loaders	Diesel	Tier 4 Final	2.00	6.00	150	0.36
NAR - Dry Utilities	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.00	71.0	0.37
NAR - Dry Utilities	Rollers	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
NAR - Dry Utilities	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
WAR - Wet Utilities	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
WAR - Wet Utilities	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
WAR - Wet Utilities	Rubber Tired Loaders	Diesel	Tier 4 Final	2.00	6.00	150	0.36
WAR - Dry Utilities	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	8.00	71.0	0.37
WAR - Dry Utilities	Rollers	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
WAR - Dry Utilities	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
Hotel/Golf Course-Finish	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Hotel/Golf Course-Finish	Crawler Tractors	Diesel	Tier 4 Final	1.00	8.00	87.0	0.43
Hotel/Golf Course-Finish	Scrapers	Diesel	Tier 4 Final	1.00	5.00	423	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
NAR-Demolition	—	—	—	—
NAR-Demolition	Worker	18.0	10.8	LDA,LDT1,LDT2
NAR-Demolition	Vendor	6.00	7.30	HHDT,MHDT
NAR-Demolition	Hauling	46.0	20.0	HHDT
NAR-Demolition	Onsite truck	—	—	HHDT
Project import	—	—	—	—
Project import	Worker	18.0	10.8	LDA,LDT1,LDT2
Project import	Vendor	6.00	7.30	HHDT,MHDT
Project import	Hauling	222	4.00	HHDT
Project import	Onsite truck	—	—	HHDT
Hotel/Golf Course-Grading Excavation	—	—	—	—
Hotel/Golf Course-Grading Excavation	Worker	16.0	10.8	LDA,LDT1,LDT2
Hotel/Golf Course-Grading Excavation	Vendor	6.00	7.30	HHDT,MHDT
Hotel/Golf Course-Grading Excavation	Hauling	0.00	20.0	HHDT
Hotel/Golf Course-Grading Excavation	Onsite truck	—	—	HHDT
NAR-Grading	—	—	—	—
NAR-Grading	Worker	22.0	10.8	LDA,LDT1,LDT2
NAR-Grading	Vendor	6.00	7.30	HHDT,MHDT
NAR-Grading	Hauling	0.00	20.0	HHDT
NAR-Grading	Onsite truck	—	—	HHDT
WAR-Grading	—	—	—	—
WAR-Grading	Worker	22.0	10.8	LDA,LDT1,LDT2
WAR-Grading	Vendor	6.00	7.30	HHDT,MHDT
WAR-Grading	Hauling	0.00	20.0	HHDT

WAR-Grading	Onsite truck	—	—	HHDT
Hotel/Golf Course-Grading	—	—	—	—
Hotel/Golf Course-Grading	Worker	22.0	10.8	LDA,LDT1,LDT2
Hotel/Golf Course-Grading	Vendor	6.00	7.30	HHDT,MHDT
Hotel/Golf Course-Grading	Hauling	0.00	20.0	HHDT
Hotel/Golf Course-Grading	Onsite truck	—	—	HHDT
NAR-Building Construction	—	—	—	—
NAR-Building Construction	Worker	82.0	10.8	LDA,LDT1,LDT2
NAR-Building Construction	Vendor	24.0	7.30	HHDT,MHDT
NAR-Building Construction	Hauling	0.00	20.0	HHDT
NAR-Building Construction	Onsite truck	—	—	HHDT
WAR-Building Construction	—	—	—	—
WAR-Building Construction	Worker	38.0	10.8	LDA,LDT1,LDT2
WAR-Building Construction	Vendor	11.7	7.30	HHDT,MHDT
WAR-Building Construction	Hauling	0.00	20.0	HHDT
WAR-Building Construction	Onsite truck	—	—	HHDT
Hotel/Golf Course-Clubhouse Construction	—	—	—	—
Hotel/Golf Course-Clubhouse Construction	Worker	9.00	10.8	LDA,LDT1,LDT2
Hotel/Golf Course-Clubhouse Construction	Vendor	4.00	7.30	HHDT,MHDT
Hotel/Golf Course-Clubhouse Construction	Hauling	0.00	20.0	HHDT
Hotel/Golf Course-Clubhouse Construction	Onsite truck	—	—	HHDT
Hotel/Golf Course - Hotel Construction	—	—	—	—
Hotel/Golf Course - Hotel Construction	Worker	14.0	10.8	LDA,LDT1,LDT2

Hotel/Golf Course - Hotel Construction	Vendor	4.00	7.30	HHDT,MHDT
Hotel/Golf Course - Hotel Construction	Hauling	0.00	20.0	HHDT
Hotel/Golf Course - Hotel Construction	Onsite truck	—	—	HHDT
Project Paving	—	—	—	—
Project Paving	Worker	18.0	10.8	LDA,LDT1,LDT2
Project Paving	Vendor	6.00	7.30	HHDT,MHDT
Project Paving	Hauling	0.00	20.0	HHDT
Project Paving	Onsite truck	—	—	HHDT
NAR-Architectural Coating	—	—	—	—
NAR-Architectural Coating	Worker	16.0	10.8	LDA,LDT1,LDT2
NAR-Architectural Coating	Vendor	6.00	7.30	HHDT,MHDT
NAR-Architectural Coating	Hauling	0.00	20.0	HHDT
NAR-Architectural Coating	Onsite truck	—	—	HHDT
WAR-Architectural Coating	—	—	—	—
WAR-Architectural Coating	Worker	8.00	10.8	LDA,LDT1,LDT2
WAR-Architectural Coating	Vendor	6.00	7.30	HHDT,MHDT
WAR-Architectural Coating	Hauling	0.00	20.0	HHDT
WAR-Architectural Coating	Onsite truck	—	—	HHDT
Hotel/Golf Course- Clubhouse Architectural Coa	—	—	—	—
Hotel/Golf Course- Clubhouse Architectural Coa	Worker	2.00	10.8	LDA,LDT1,LDT2
Hotel/Golf Course- Clubhouse Architectural Coa	Vendor	6.00	7.30	HHDT,MHDT
Hotel/Golf Course- Clubhouse Architectural Coa	Hauling	0.00	20.0	HHDT
Hotel/Golf Course- Clubhouse Architectural Coa	Onsite truck	—	—	HHDT

Hotel/Golf Course-Hotel Architectural Coating	—	—	—	—
Hotel/Golf Course-Hotel Architectural Coating	Worker	3.00	10.8	LDA,LDT1,LDT2
Hotel/Golf Course-Hotel Architectural Coating	Vendor	6.00	7.30	HHDT,MHDT
Hotel/Golf Course-Hotel Architectural Coating	Hauling	0.00	20.0	HHDT
Hotel/Golf Course-Hotel Architectural Coating	Onsite truck	—	—	HHDT
NAR - Wet Utilities	—	—	—	—
NAR - Wet Utilities	Worker	22.0	10.8	LDA,LDT1,LDT2
NAR - Wet Utilities	Vendor	6.00	7.30	HHDT,MHDT
NAR - Wet Utilities	Hauling	0.00	20.0	HHDT
NAR - Wet Utilities	Onsite truck	—	—	HHDT
NAR - Dry Utilities	—	—	—	—
NAR - Dry Utilities	Worker	20.0	10.8	LDA,LDT1,LDT2
NAR - Dry Utilities	Vendor	6.00	7.30	HHDT,MHDT
NAR - Dry Utilities	Hauling	0.00	20.0	HHDT
NAR - Dry Utilities	Onsite truck	—	—	HHDT
WAR - Wet Utilities	—	—	—	—
WAR - Wet Utilities	Worker	22.0	10.8	LDA,LDT1,LDT2
WAR - Wet Utilities	Vendor	6.00	7.30	HHDT,MHDT
WAR - Wet Utilities	Hauling	0.00	20.0	HHDT
WAR - Wet Utilities	Onsite truck	—	—	HHDT
WAR - Dry Utilities	—	—	—	—
WAR - Dry Utilities	Worker	20.0	10.8	LDA,LDT1,LDT2
WAR - Dry Utilities	Vendor	5.00	7.30	HHDT,MHDT
WAR - Dry Utilities	Hauling	0.00	20.0	HHDT
WAR - Dry Utilities	Onsite truck	—	—	HHDT

Hotel/Golf Course-Finish	—	—	—	—
Hotel/Golf Course-Finish	Worker	12.0	10.8	LDA,LDT1,LDT2
Hotel/Golf Course-Finish	Vendor	6.00	7.30	HHDT,MHDT
Hotel/Golf Course-Finish	Hauling	0.00	20.0	HHDT
Hotel/Golf Course-Finish	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
NAR-Demolition	—	—	—	—
NAR-Demolition	Worker	18.0	10.8	LDA,LDT1,LDT2
NAR-Demolition	Vendor	6.00	7.30	HHDT,MHDT
NAR-Demolition	Hauling	46.0	20.0	HHDT
NAR-Demolition	Onsite truck	—	—	HHDT
Project import	—	—	—	—
Project import	Worker	18.0	10.8	LDA,LDT1,LDT2
Project import	Vendor	6.00	7.30	HHDT,MHDT
Project import	Hauling	222	4.00	HHDT
Project import	Onsite truck	—	—	HHDT
Hotel/Golf Course-Grading Excavation	—	—	—	—
Hotel/Golf Course-Grading Excavation	Worker	16.0	10.8	LDA,LDT1,LDT2
Hotel/Golf Course-Grading Excavation	Vendor	6.00	7.30	HHDT,MHDT
Hotel/Golf Course-Grading Excavation	Hauling	0.00	20.0	HHDT
Hotel/Golf Course-Grading Excavation	Onsite truck	—	—	HHDT
NAR-Grading	—	—	—	—
NAR-Grading	Worker	22.0	10.8	LDA,LDT1,LDT2

NAR-Grading	Vendor	6.00	7.30	HHDT,MHDT
NAR-Grading	Hauling	0.00	20.0	HHDT
NAR-Grading	Onsite truck	—	—	HHDT
WAR-Grading	—	—	—	—
WAR-Grading	Worker	22.0	10.8	LDA,LDT1,LDT2
WAR-Grading	Vendor	6.00	7.30	HHDT,MHDT
WAR-Grading	Hauling	0.00	20.0	HHDT
WAR-Grading	Onsite truck	—	—	HHDT
Hotel/Golf Course-Grading	—	—	—	—
Hotel/Golf Course-Grading	Worker	22.0	10.8	LDA,LDT1,LDT2
Hotel/Golf Course-Grading	Vendor	6.00	7.30	HHDT,MHDT
Hotel/Golf Course-Grading	Hauling	0.00	20.0	HHDT
Hotel/Golf Course-Grading	Onsite truck	—	—	HHDT
NAR-Building Construction	—	—	—	—
NAR-Building Construction	Worker	82.0	10.8	LDA,LDT1,LDT2
NAR-Building Construction	Vendor	24.0	7.30	HHDT,MHDT
NAR-Building Construction	Hauling	0.00	20.0	HHDT
NAR-Building Construction	Onsite truck	—	—	HHDT
WAR-Building Construction	—	—	—	—
WAR-Building Construction	Worker	38.0	10.8	LDA,LDT1,LDT2
WAR-Building Construction	Vendor	11.7	7.30	HHDT,MHDT
WAR-Building Construction	Hauling	0.00	20.0	HHDT
WAR-Building Construction	Onsite truck	—	—	HHDT
Hotel/Golf Course-Clubhouse Construction	—	—	—	—
Hotel/Golf Course-Clubhouse Construction	Worker	9.00	10.8	LDA,LDT1,LDT2
Hotel/Golf Course-Clubhouse Construction	Vendor	4.00	7.30	HHDT,MHDT

Hotel/Golf Course-Clubhouse Construction	Hauling	0.00	20.0	HHDT
Hotel/Golf Course-Clubhouse Construction	Onsite truck	—	—	HHDT
Hotel/Golf Course - Hotel Construction	—	—	—	—
Hotel/Golf Course - Hotel Construction	Worker	14.0	10.8	LDA,LDT1,LDT2
Hotel/Golf Course - Hotel Construction	Vendor	4.00	7.30	HHDT,MHDT
Hotel/Golf Course - Hotel Construction	Hauling	0.00	20.0	HHDT
Hotel/Golf Course - Hotel Construction	Onsite truck	—	—	HHDT
Project Paving	—	—	—	—
Project Paving	Worker	18.0	10.8	LDA,LDT1,LDT2
Project Paving	Vendor	6.00	7.30	HHDT,MHDT
Project Paving	Hauling	0.00	20.0	HHDT
Project Paving	Onsite truck	—	—	HHDT
NAR-Architectural Coating	—	—	—	—
NAR-Architectural Coating	Worker	16.0	10.8	LDA,LDT1,LDT2
NAR-Architectural Coating	Vendor	6.00	7.30	HHDT,MHDT
NAR-Architectural Coating	Hauling	0.00	20.0	HHDT
NAR-Architectural Coating	Onsite truck	—	—	HHDT
WAR-Architectural Coating	—	—	—	—
WAR-Architectural Coating	Worker	8.00	10.8	LDA,LDT1,LDT2
WAR-Architectural Coating	Vendor	6.00	7.30	HHDT,MHDT
WAR-Architectural Coating	Hauling	0.00	20.0	HHDT
WAR-Architectural Coating	Onsite truck	—	—	HHDT
Hotel/Golf Course- Clubhouse Architectural Coa	—	—	—	—

Hotel/Golf Course- Clubhouse Architectural Coa	Worker	2.00	10.8	LDA,LDT1,LDT2
Hotel/Golf Course- Clubhouse Architectural Coa	Vendor	6.00	7.30	HHDT,MHDT
Hotel/Golf Course- Clubhouse Architectural Coa	Hauling	0.00	20.0	HHDT
Hotel/Golf Course- Clubhouse Architectural Coa	Onsite truck	—	—	HHDT
Hotel/Golf Course-Hotel Architectural Coating	—	—	—	—
Hotel/Golf Course-Hotel Architectural Coating	Worker	3.00	10.8	LDA,LDT1,LDT2
Hotel/Golf Course-Hotel Architectural Coating	Vendor	6.00	7.30	HHDT,MHDT
Hotel/Golf Course-Hotel Architectural Coating	Hauling	0.00	20.0	HHDT
Hotel/Golf Course-Hotel Architectural Coating	Onsite truck	—	—	HHDT
NAR - Wet Utilities	—	—	—	—
NAR - Wet Utilities	Worker	22.0	10.8	LDA,LDT1,LDT2
NAR - Wet Utilities	Vendor	6.00	7.30	HHDT,MHDT
NAR - Wet Utilities	Hauling	0.00	20.0	HHDT
NAR - Wet Utilities	Onsite truck	—	—	HHDT
NAR - Dry Utilities	—	—	—	—
NAR - Dry Utilities	Worker	20.0	10.8	LDA,LDT1,LDT2
NAR - Dry Utilities	Vendor	6.00	7.30	HHDT,MHDT
NAR - Dry Utilities	Hauling	0.00	20.0	HHDT
NAR - Dry Utilities	Onsite truck	—	—	HHDT
WAR - Wet Utilities	—	—	—	—
WAR - Wet Utilities	Worker	22.0	10.8	LDA,LDT1,LDT2
WAR - Wet Utilities	Vendor	6.00	7.30	HHDT,MHDT
WAR - Wet Utilities	Hauling	0.00	20.0	HHDT

WAR - Wet Utilities	Onsite truck	—	—	HHDT
WAR - Dry Utilities	—	—	—	—
WAR - Dry Utilities	Worker	20.0	10.8	LDA,LDT1,LDT2
WAR - Dry Utilities	Vendor	5.00	7.30	HHDT,MHDT
WAR - Dry Utilities	Hauling	0.00	20.0	HHDT
WAR - Dry Utilities	Onsite truck	—	—	HHDT
Hotel/Golf Course-Finish	—	—	—	—
Hotel/Golf Course-Finish	Worker	12.0	10.8	LDA,LDT1,LDT2
Hotel/Golf Course-Finish	Vendor	6.00	7.30	HHDT,MHDT
Hotel/Golf Course-Finish	Hauling	0.00	20.0	HHDT
Hotel/Golf Course-Finish	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
NAR-Architectural Coating	459,799	153,266	0.00	0.00	15,172
WAR-Architectural Coating	211,507	70,502	0.00	0.00	7,513
Hotel/Golf Course- Clubhouse Architectural Coa	0.00	0.00	69,213	23,071	7,420
Hotel/Golf Course-Hotel Architectural Coating	0.00	0.00	113,256	37,752	15,000

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Building Square Footage)	Acres Paved (acres)
NAR-Demolition	0.00	0.00	0.00	249,600	—
Project import	279,020	—	203	0.00	—
Hotel/Golf Course-Grading Excavation	—	—	277	0.00	—
NAR-Grading	—	—	140	0.00	—
WAR-Grading	—	—	120	0.00	—
Hotel/Golf Course-Grading	—	—	360	0.00	—
Project Paving	0.00	0.00	0.00	0.00	11.4

5.6.2. Construction Earthmoving Control Strategies

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

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Condo/Townhouse	—	0%
Golf Course	0.00	0%
Parking Lot	2.63	100%
Other Asphalt Surfaces	8.68	100%
Racquet Club	0.00	0%
Hotel	0.00	0%
Quality Restaurant	0.00	0%
Single Family Housing	0.07	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	0.00	589	0.03	< 0.005
2027	0.00	589	0.03	< 0.005
2028	318	589	0.03	< 0.005
2029	79.5	589	0.03	< 0.005
2025	0.00	589	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Condo/Townhouse	1,888	1,888	1,888	689,120	15,230	15,230	15,230	5,559,062
Golf Course	700	700	700	255,500	4,410	4,410	4,410	1,609,650
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Racquet Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hotel	520	520	520	189,800	3,952	3,952	3,952	1,442,480
Quality Restaurant	368	368	368	134,138	1,727	1,727	1,727	630,446
Single Family Housing	60.0	60.0	60.0	21,900	388	388	388	141,474

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Condo/Townhouse	1,888	1,888	1,888	689,120	15,230	15,230	15,230	5,559,062
Golf Course	700	700	700	255,500	4,410	4,410	4,410	1,609,650
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Racquet Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hotel	520	520	520	189,800	3,952	3,952	3,952	1,442,480
Quality Restaurant	368	368	368	134,138	1,727	1,727	1,727	630,446
Single Family Housing	60.0	60.0	60.0	21,900	388	388	388	141,474

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

Hearth Type	Unmitigated (number)
Condo/Townhouse	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	236
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0
Single Family Housing	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0

No Fireplaces	6
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0

5.10.1.2. Mitigated

Hearth Type	Unmitigated (number)
Condo/Townhouse	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	236
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0
Single Family Housing	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	6
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
530266.5	176,756	153,756	51,252	29,549

5.10.3. Landscape Equipment

Equipment Type	Fuel Type	Number Per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Lawn Mowers	Gasoline 4-Stroke	1.00	8.00	2,050	19.0	0.36

5.10.4. Landscape Equipment - Mitigated

Equipment Type	Fuel Type	Number Per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Lawn Mowers	Gasoline 4-Stroke	1.00	8.00	2,050	19.0	0.36

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Condo/Townhouse	2,396,942	45.1	0.0330	0.0040	0.00
Golf Course	0.00	45.1	0.0330	0.0040	0.00
Parking Lot	100,281	45.1	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	45.1	0.0330	0.0040	0.00
Racquet Club	809,405	45.1	0.0330	0.0040	0.00
Hotel	2,392,075	45.1	0.0330	0.0040	0.00
Quality Restaurant	130,914	45.1	0.0330	0.0040	413,091
Single Family Housing	86,995	45.1	0.0330	0.0040	0.00

5.11.2. Mitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Condo/Townhouse	2,258,313	45.1	0.0330	0.0040	0.00
Golf Course	0.00	45.1	0.0330	0.0040	0.00
Parking Lot	100,281	45.1	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	45.1	0.0330	0.0040	0.00
Racquet Club	809,405	45.1	0.0330	0.0040	0.00
Hotel	2,253,368	45.1	0.0330	0.0040	0.00
Quality Restaurant	113,551	45.1	0.0330	0.0040	413,091
Single Family Housing	83,469	45.1	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Condo/Townhouse	8,291,406	1,461,207
Golf Course	0.00	150,445,884
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00
Racquet Club	1,379,514	0.00
Hotel	1,319,072	1,382,066
Quality Restaurant	1,115,486	0.00
Single Family Housing	210,798	1,283,616

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
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Condo/Townhouse	6,858,651	1,461,207
Golf Course	0.00	150,445,884
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00
Racquet Club	1,223,629	0.00
Hotel	1,163,290	1,382,066
Quality Restaurant	1,007,284	0.00
Single Family Housing	173,951	1,283,616

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Condo/Townhouse	174	—
Golf Course	96.7	—
Parking Lot	0.00	—
Other Asphalt Surfaces	0.00	—
Racquet Club	133	—
Hotel	28.5	—
Quality Restaurant	3.35	—
Single Family Housing	4.03	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Condo/Townhouse	131	—
Golf Course	72.5	—
Parking Lot	0.00	—
Other Asphalt Surfaces	0.00	—

Racquet Club	99.7	—
Hotel	21.4	—
Quality Restaurant	2.52	—
Single Family Housing	3.02	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Condo/Townhouse	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Condo/Townhouse	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Golf Course	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Golf Course	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Racquet Club	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Racquet Club	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Hotel	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
Hotel	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
Hotel	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

Quality Restaurant	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
Quality Restaurant	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
Quality Restaurant	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Condo/Townhouse	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Condo/Townhouse	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
Golf Course	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Golf Course	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Racquet Club	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Racquet Club	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Hotel	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00

Hotel	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
Hotel	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Quality Restaurant	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
Quality Restaurant	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
Quality Restaurant	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Single Family Housing	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Single Family Housing	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
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5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
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5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
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5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)
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5.17. User Defined

Equipment Type	Fuel Type
—	—

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	12.1	annual days of extreme heat
Extreme Precipitation	3.85	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	21.8	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about $\frac{3}{4}$ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters

Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A

Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	58.2
AQ-PM	43.8
AQ-DPM	56.0
Drinking Water	10.8
Lead Risk Housing	49.5
Pesticides	0.00
Toxic Releases	24.1
Traffic	53.7
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	0.00
Haz Waste Facilities/Generators	79.8
Impaired Water Bodies	77.3
Solid Waste	37.6
Sensitive Population	—
Asthma	24.2
Cardio-vascular	17.7
Low Birth Weights	36.4
Socioeconomic Factor Indicators	—
Education	22.2
Housing	18.5
Linguistic	0.00

Poverty	15.6
Unemployment	37.7

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	81.09842166
Employed	86.50070576
Median HI	74.93904786
Education	—
Bachelor's or higher	51.50776338
High school enrollment	100
Preschool enrollment	37.5465161
Transportation	—
Auto Access	93.63531374
Active commuting	7.506736815
Social	—
2-parent households	45.15590915
Voting	80.50814834
Neighborhood	—
Alcohol availability	60.81098422
Park access	81.35506224
Retail density	11.76697036
Supermarket access	27.16540485
Tree canopy	19.70999615
Housing	—
Homeownership	78.22404722

Housing habitability	85.20467086
Low-inc homeowner severe housing cost burden	63.9291672
Low-inc renter severe housing cost burden	91.65918132
Uncrowded housing	41.84524573
Health Outcomes	—
Insured adults	76.20941871
Arthritis	0.0
Asthma ER Admissions	59.9
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	51.8
Cognitively Disabled	66.4
Physically Disabled	83.0
Heart Attack ER Admissions	49.6
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0

Climate Change Exposures	—
Wildfire Risk	7.9
SLR Inundation Area	0.0
Children	59.5
Elderly	66.3
English Speaking	63.1
Foreign-born	14.9
Outdoor Workers	35.8
Climate Change Adaptive Capacity	—
Impervious Surface Cover	39.6
Traffic Density	53.8
Traffic Access	23.0
Other Indices	—
Hardship	35.9
Other Decision Support	—
2016 Voting	88.1

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	15.0
Healthy Places Index Score for Project Location (b)	74.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Operations: Vehicle Data	Project Trip Generation (Carlton Oaks LTA 3-14-24) Golf Course is 700 trips for the 104 acres per Existing Development TG Memo 2024
Operations: Hearths	no hearths would be installed.
Operations: Landscape Equipment	GC
Operations: Energy Use	As a design feature, the project will only use Electricity. NG Energy was converted to Electrical Energy with the exception of restaurant. Restaurant will have NG.
Construction: Construction Phases	Construction Schedule
Construction: Off-Road Equipment	Project Construction Equipment Proposed
Construction: Trips and VMT	Per Project Engineer
Construction: Architectural Coatings	Per Construction Data
Construction: Dust From Material Movement	Soil Import

ATTACHMENT B

CalEEMod 2022.1 – Existing COCCR Development

Carlton Oaks Existing_Unmitigated v2 Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Carlton Oaks Existing_Unmitigated v2
Operational Year	2021
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.60
Precipitation (days)	7.60
Location	32.84031356853605, -117.01200407659489
County	San Diego
City	Santee
Air District	San Diego County APCD
Air Basin	San Diego
TAZ	6540
EDFZ	12
Electric Utility	San Diego Gas & Electric
Gas Utility	San Diego Gas & Electric
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Golf Course	145	Acre	145	0.00	4,530,240	4,530,240	—	—
Other Asphalt Surfaces	106	1000sqft	2.43	0.00	0.00	0.00	—	—

Racquet Club	23.3	1000sqft	0.54	23,325	0.00	0.00	—	—
Hotel	52.0	Room	1.73	75,504	92,482	0.00	—	—
Quality Restaurant	3.67	1000sqft	0.08	3,675	0.00	0.00	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	14.2	13.4	6.79	88.4	0.10	0.19	7.13	7.31	0.18	1.81	1.99	169	14,025	14,194	17.8	0.46	14,942
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	13.9	13.2	7.34	86.6	0.10	0.19	7.13	7.31	0.18	1.81	1.99	169	13,603	13,772	17.8	0.48	14,487
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	13.6	12.9	7.20	74.9	0.10	0.18	7.09	7.28	0.18	1.80	1.98	169	13,643	13,812	17.8	0.48	14,543
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.48	2.35	1.31	13.7	0.02	0.03	1.29	1.33	0.03	0.33	0.36	27.9	2,259	2,287	2.95	0.08	2,408

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
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Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	8.28	7.70	5.34	49.2	0.09	0.08	7.13	7.21	0.08	1.81	1.89	—	9,395	9,395	0.57	0.41	9,576
Area	5.73	5.68	0.20	38.1	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79.3	79.3	< 0.005	< 0.005	79.6
Energy	0.14	0.07	1.26	1.06	0.01	0.10	—	0.10	0.10	—	0.10	—	3,321	3,321	0.24	0.02	3,332
Water	—	—	—	—	—	—	—	—	—	—	—	7.31	1,230	1,237	0.82	0.03	1,266
Waste	—	—	—	—	—	—	—	—	—	—	—	161	0.00	161	16.1	0.00	565
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	124
Total	14.2	13.4	6.79	88.4	0.10	0.19	7.13	7.31	0.18	1.81	1.99	169	14,025	14,194	17.8	0.46	14,942
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	8.03	7.42	5.88	47.5	0.09	0.08	7.13	7.21	0.08	1.81	1.89	—	8,973	8,973	0.62	0.44	9,121
Area	5.73	5.68	0.20	38.1	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79.3	79.3	< 0.005	< 0.005	79.6
Energy	0.14	0.07	1.26	1.06	0.01	0.10	—	0.10	0.10	—	0.10	—	3,321	3,321	0.24	0.02	3,332
Water	—	—	—	—	—	—	—	—	—	—	—	7.31	1,230	1,237	0.82	0.03	1,266
Waste	—	—	—	—	—	—	—	—	—	—	—	161	0.00	161	16.1	0.00	565
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	124
Total	13.9	13.2	7.34	86.6	0.10	0.19	7.13	7.31	0.18	1.81	1.99	169	13,603	13,772	17.8	0.48	14,487
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	7.94	7.34	5.80	47.1	0.09	0.08	7.09	7.18	0.08	1.80	1.88	—	9,036	9,036	0.60	0.43	9,200
Area	5.50	5.46	0.14	26.7	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	55.7	55.7	< 0.005	< 0.005	55.9
Energy	0.14	0.07	1.26	1.06	0.01	0.10	—	0.10	0.10	—	0.10	—	3,321	3,321	0.24	0.02	3,332
Water	—	—	—	—	—	—	—	—	—	—	—	7.31	1,230	1,237	0.82	0.03	1,266
Waste	—	—	—	—	—	—	—	—	—	—	—	161	0.00	161	16.1	0.00	565
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	124
Total	13.6	12.9	7.20	74.9	0.10	0.18	7.09	7.28	0.18	1.80	1.98	169	13,643	13,812	17.8	0.48	14,543
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	1.45	1.34	1.06	8.60	0.02	0.02	1.29	1.31	0.01	0.33	0.34	—	1,496	1,496	0.10	0.07	1,523
Area	1.00	1.00	0.03	4.88	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.22	9.22	< 0.005	< 0.005	9.26
Energy	0.03	0.01	0.23	0.19	< 0.005	0.02	—	0.02	0.02	—	0.02	—	550	550	0.04	< 0.005	552
Water	—	—	—	—	—	—	—	—	—	—	—	1.21	204	205	0.14	< 0.005	210
Waste	—	—	—	—	—	—	—	—	—	—	—	26.7	0.00	26.7	2.67	0.00	93.5
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.5
Total	2.48	2.35	1.31	13.7	0.02	0.03	1.29	1.33	0.03	0.33	0.36	27.9	2,259	2,287	2.95	0.08	2,408

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Golf Course	3.64	3.39	2.34	21.6	0.04	0.04	3.12	3.15	0.03	0.79	0.82	—	4,108	4,108	0.25	0.18	4,187
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Racquet Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hotel	2.84	2.62	2.00	18.5	0.04	0.03	2.79	2.82	0.03	0.71	0.74	—	3,661	3,661	0.20	0.15	3,729
Quality Restaurant	1.80	1.69	1.00	9.14	0.02	0.01	1.22	1.24	0.01	0.31	0.32	—	1,626	1,626	0.11	0.08	1,660
Total	8.28	7.70	5.34	49.2	0.09	0.08	7.13	7.21	0.08	1.81	1.89	—	9,395	9,395	0.57	0.41	9,576

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Golf Course	3.53	3.27	2.58	20.8	0.04	0.04	3.12	3.15	0.03	0.79	0.82	—	3,923	3,923	0.27	0.19	3,988
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Racquet Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hotel	2.76	2.53	2.21	17.6	0.03	0.03	2.79	2.82	0.03	0.71	0.74	—	3,495	3,495	0.22	0.16	3,550
Quality Restaurant	1.74	1.63	1.10	9.05	0.02	0.02	1.22	1.24	0.01	0.31	0.32	—	1,554	1,554	0.13	0.08	1,583
Total	8.03	7.42	5.88	47.5	0.09	0.08	7.13	7.21	0.08	1.81	1.89	—	8,973	8,973	0.62	0.44	9,121
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Golf Course	0.64	0.59	0.46	3.77	0.01	0.01	0.57	0.57	0.01	0.14	0.15	—	654	654	0.04	0.03	666
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Racquet Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00
Hotel	0.50	0.46	0.40	3.20	0.01	0.01	0.51	0.51	0.01	0.13	0.13	—	583	583	0.04	0.03	593
Quality Restaurant	0.31	0.29	0.20	1.63	< 0.005	< 0.005	0.22	0.22	< 0.005	0.06	0.06	—	259	259	0.02	0.01	264
Total	1.45	1.34	1.06	8.60	0.02	0.02	1.29	1.31	0.01	0.33	0.34	—	1,496	1,496	0.10	0.07	1,523

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
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Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Golf Course	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	—	—	310	310	0.02	< 0.005	311
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	1,312	1,312	0.08	0.01	1,317
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	—	—	194	194	0.01	< 0.005	194
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,815	1,815	0.11	0.01	1,822
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Golf Course	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	—	—	310	310	0.02	< 0.005	311
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	1,312	1,312	0.08	0.01	1,317
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	—	—	194	194	0.01	< 0.005	194
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,815	1,815	0.11	0.01	1,822
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Golf Course	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00

Racquet Club	—	—	—	—	—	—	—	—	—	—	—	—	51.3	51.3	< 0.005	< 0.005	51.4
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	217	217	0.01	< 0.005	218
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	—	—	32.1	32.1	< 0.005	< 0.005	32.2
Total	—	—	—	—	—	—	—	—	—	—	—	—	301	301	0.02	< 0.005	302

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Golf Course	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Racquet Club	0.03	0.01	0.25	0.21	< 0.005	0.02	—	0.02	0.02	—	0.02	—	302	302	0.03	< 0.005	303
Hotel	0.10	0.05	0.90	0.75	0.01	0.07	—	0.07	0.07	—	0.07	—	1,071	1,071	0.09	< 0.005	1,074
Quality Restaurant	0.01	0.01	0.11	0.09	< 0.005	0.01	—	0.01	0.01	—	0.01	—	132	132	0.01	< 0.005	133
Total	0.14	0.07	1.26	1.06	0.01	0.10	—	0.10	0.10	—	0.10	—	1,505	1,505	0.13	< 0.005	1,510
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Golf Course	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00

Racquet Club	0.03	0.01	0.25	0.21	< 0.005	0.02	—	0.02	0.02	—	0.02	—	302	302	0.03	< 0.005	303
Hotel	0.10	0.05	0.90	0.75	0.01	0.07	—	0.07	0.07	—	0.07	—	1,071	1,071	0.09	< 0.005	1,074
Quality Restaurant	0.01	0.01	0.11	0.09	< 0.005	0.01	—	0.01	0.01	—	0.01	—	132	132	0.01	< 0.005	133
Total	0.14	0.07	1.26	1.06	0.01	0.10	—	0.10	0.10	—	0.10	—	1,505	1,505	0.13	< 0.005	1,510
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Golf Course	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	0.00
Racquet Club	0.01	< 0.005	0.05	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	50.0	50.0	< 0.005	< 0.005	50.1
Hotel	0.02	0.01	0.16	0.14	< 0.005	0.01	—	0.01	0.01	—	0.01	—	177	177	0.02	< 0.005	178
Quality Restaurant	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21.9	21.9	< 0.005	< 0.005	22.0
Total	0.03	0.01	0.23	0.19	< 0.005	0.02	—	0.02	0.02	—	0.02	—	249	249	0.02	< 0.005	250

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	4.78	4.78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.17	0.17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape Equipment	0.78	0.73	0.20	38.1	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79.3	79.3	< 0.005	< 0.005	79.6
Total	5.73	5.68	0.20	38.1	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79.3	79.3	< 0.005	< 0.005	79.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	4.78	4.78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.17	0.17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.78	0.73	0.20	38.1	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79.3	79.3	< 0.005	< 0.005	79.6
Total	5.73	5.68	0.20	38.1	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79.3	79.3	< 0.005	< 0.005	79.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.87	0.87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.03	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.10	0.09	0.03	4.88	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.22	9.22	< 0.005	< 0.005	9.26
Total	1.00	1.00	0.03	4.88	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.22	9.22	< 0.005	< 0.005	9.26

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Golf Course	—	—	—	—	—	—	—	—	—	—	—	0.00	1,181	1,181	0.07	0.01	1,185
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	—	2.64	13.9	16.5	0.27	0.01	25.3
Hotel	—	—	—	—	—	—	—	—	—	—	—	2.53	24.1	26.7	0.26	0.01	35.1
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	—	2.14	11.2	13.4	0.22	0.01	20.4
Total	—	—	—	—	—	—	—	—	—	—	—	7.31	1,230	1,237	0.82	0.03	1,266
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Golf Course	—	—	—	—	—	—	—	—	—	—	—	0.00	1,181	1,181	0.07	0.01	1,185
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	—	2.64	13.9	16.5	0.27	0.01	25.3
Hotel	—	—	—	—	—	—	—	—	—	—	—	2.53	24.1	26.7	0.26	0.01	35.1
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	—	2.14	11.2	13.4	0.22	0.01	20.4
Total	—	—	—	—	—	—	—	—	—	—	—	7.31	1,230	1,237	0.82	0.03	1,266
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Golf Course	—	—	—	—	—	—	—	—	—	—	—	0.00	196	196	0.01	< 0.005	196

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	—	0.44	2.30	2.74	0.05	< 0.005	4.19
Hotel	—	—	—	—	—	—	—	—	—	—	—	0.42	3.99	4.41	0.04	< 0.005	5.80
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	—	0.35	1.86	2.21	0.04	< 0.005	3.38
Total	—	—	—	—	—	—	—	—	—	—	—	1.21	204	205	0.14	< 0.005	210

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Golf Course	—	—	—	—	—	—	—	—	—	—	—	72.7	0.00	72.7	7.26	0.00	254
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	—	71.7	0.00	71.7	7.16	0.00	251
Hotel	—	—	—	—	—	—	—	—	—	—	—	15.3	0.00	15.3	1.53	0.00	53.7
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	—	1.81	0.00	1.81	0.18	0.00	6.32
Total	—	—	—	—	—	—	—	—	—	—	—	161	0.00	161	16.1	0.00	565
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Golf Course	—	—	—	—	—	—	—	—	—	—	—	72.7	0.00	72.7	7.26	0.00	254
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	—	71.7	0.00	71.7	7.16	0.00	251
Hotel	—	—	—	—	—	—	—	—	—	—	—	15.3	0.00	15.3	1.53	0.00	53.7
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	—	1.81	0.00	1.81	0.18	0.00	6.32
Total	—	—	—	—	—	—	—	—	—	—	—	161	0.00	161	16.1	0.00	565
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Golf Course	—	—	—	—	—	—	—	—	—	—	—	12.0	0.00	12.0	1.20	0.00	42.1
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	—	11.9	0.00	11.9	1.19	0.00	41.5
Hotel	—	—	—	—	—	—	—	—	—	—	—	2.54	0.00	2.54	0.25	0.00	8.89
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	—	0.30	0.00	0.30	0.03	0.00	1.05
Total	—	—	—	—	—	—	—	—	—	—	—	26.7	0.00	26.7	2.67	0.00	93.5

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

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

Golf Course	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.11
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.74
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	124
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Golf Course	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.11
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	118
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.74
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	124
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Golf Course	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00
Racquet Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	19.5
Quality Restaurant	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.95
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.5

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Golf Course	700	700	700	255,500	4,410	4,410	4,410	1,609,651

Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Racquet Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hotel	520	520	520	189,800	3,952	3,952	3,952	1,442,480
Quality Restaurant	368	368	368	134,138	1,727	1,727	1,727	630,446

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	153,756	51,252	6,360

5.10.3. Landscape Equipment

Equipment Type	Fuel Type	Number Per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Lawn Mowers	Gasoline 4-Stroke	1.00	8.00	2,050	19.0	0.36

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBtu/yr)
Golf Course	0.00	540	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	540	0.0330	0.0040	0.00
Racquet Club	209,305	540	0.0330	0.0040	941,496

Hotel	887,046	540	0.0330	0.0040	3,342,904
Quality Restaurant	130,914	540	0.0330	0.0040	413,091

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Golf Course	0.00	150,445,884
Other Asphalt Surfaces	0.00	0.00
Racquet Club	1,379,514	0.00
Hotel	1,319,072	1,382,066
Quality Restaurant	1,115,486	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Golf Course	135	—
Other Asphalt Surfaces	0.00	—
Racquet Club	133	—
Hotel	28.5	—
Quality Restaurant	3.35	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
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Golf Course	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Golf Course	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Racquet Club	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Racquet Club	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Hotel	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
Hotel	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
Hotel	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Quality Restaurant	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
Quality Restaurant	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
Quality Restaurant	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
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5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
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5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)
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5.17. User Defined

Equipment Type	Fuel Type
—	—

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	12.1	annual days of extreme heat
Extreme Precipitation	3.85	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	21.8	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about $\frac{3}{4}$ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters

Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	0	0	0	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	1	1	1	2
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	58.2
AQ-PM	43.8

AQ-DPM	56.0
Drinking Water	10.8
Lead Risk Housing	49.5
Pesticides	0.00
Toxic Releases	24.1
Traffic	53.7
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	0.00
Haz Waste Facilities/Generators	79.8
Impaired Water Bodies	77.3
Solid Waste	37.6
Sensitive Population	—
Asthma	24.2
Cardio-vascular	17.7
Low Birth Weights	36.4
Socioeconomic Factor Indicators	—
Education	22.2
Housing	18.5
Linguistic	0.00
Poverty	15.6
Unemployment	37.7

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	81.09842166

Employed	86.50070576
Median HI	74.93904786
Education	—
Bachelor's or higher	51.50776338
High school enrollment	100
Preschool enrollment	37.5465161
Transportation	—
Auto Access	93.63531374
Active commuting	7.506736815
Social	—
2-parent households	45.15590915
Voting	80.50814834
Neighborhood	—
Alcohol availability	60.81098422
Park access	81.35506224
Retail density	11.76697036
Supermarket access	27.16540485
Tree canopy	19.70999615
Housing	—
Homeownership	78.22404722
Housing habitability	85.20467086
Low-inc homeowner severe housing cost burden	63.9291672
Low-inc renter severe housing cost burden	91.65918132
Uncrowded housing	41.84524573
Health Outcomes	—
Insured adults	76.20941871
Arthritis	0.0
Asthma ER Admissions	59.9

High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	51.8
Cognitively Disabled	66.4
Physically Disabled	83.0
Heart Attack ER Admissions	49.6
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	7.9
SLR Inundation Area	0.0
Children	59.5
Elderly	66.3
English Speaking	63.1
Foreign-born	14.9
Outdoor Workers	35.8

Climate Change Adaptive Capacity	—
Impervious Surface Cover	39.6
Traffic Density	53.8
Traffic Access	23.0
Other Indices	—
Hardship	35.9
Other Decision Support	—
2016 Voting	88.1

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	15.0
Healthy Places Index Score for Project Location (b)	74.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
 b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
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Operations: Vehicle Data	Project Trip Generation (Total Vehicle Miles Traveled Analysis) Memo July 2024
Operations: Hearths	no hearths exist.
Operations: Landscape Equipment	golf course

ATTACHMENT C

NREL PV WATTS Energy Generation



Cautio: Photovoltaic system performance predictions calculated by PVWatts® include many inherent assumptions and uncertainties and do not reflect variations between PV technologies nor site-specific characteristics except as represented by PVWatts® inputs. For example, PV modules with better performance are not differentiated within PVWatts® from lesser performing modules. Both NREL and private companies provide more sophisticated PV modeling tools (such as the System Advisor Model at //sam.nrel.gov) that allow for more precise and complex modeling of PV systems.

The expected range is based on 30 years of actual weather data at the given location and is intended to provide an indication of the variation you might see. For more information, please refer to this NREL report: The Error Report.

Disclaimer: The PVWatts® Model ("Model") is provided by the National Renewable Energy Laboratory ("NREL"), which is operated by the Alliance for Sustainable Energy, LLC ("Alliance") for the U.S. Department Of Energy ("DOE") and may be used for any purpose whatsoever.

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The energy output range is based on analysis of 30 years of historical weather data, and is intended to provide an indication of the possible interannual variability in generation for a Fixed (open rack) PV system at this location.

RESULTS

1,996,478 kWh/Year*

System output may range from 1,919,014 to 2,009,056 kWh per year near this location.

Month	Solar Radiation (kWh / m ² / day)	AC Energy (kWh)
January	4.86	137,194
February	5.07	129,097
March	6.49	179,031
April	6.87	183,510
May	6.62	179,896
June	7.42	190,627
July	7.49	199,276
August	7.08	187,324
September	7.13	183,400
October	5.90	160,235
November	5.08	137,121
December	4.54	129,767
Annual	6.21	1,996,478

Location and Station Identification

Requested Location	santee ca
Weather Data Source	Lat, Lng: 32.89, -116.98 1.4 mi
Latitude	32.89° N
Longitude	116.98° W

PV System Specifications

DC System Size	1168 kW
Module Type	Premium
Array Type	Fixed (roof mount)
System Losses	14.08%
Array Tilt	20°
Array Azimuth	180°
DC to AC Size Ratio	1.2
Inverter Efficiency	96%
Ground Coverage Ratio	0.4
Albedo	From weather file
Bifacial	No (0)
Monthly Irradiance Loss	Jan Feb Mar Apr May June 0% 0% 0% 0% 0% 0%
	July Aug Sept Oct Nov Dec 0% 0% 0% 0% 0% 0%

Performance Metrics

DC Capacity Factor	19.5%
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