

Appendix B

Air Quality and Greenhouse Gas Emissions

East End Studios ADLA

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East End Studios ADLA

Appendix B-1-Air Quality and Greenhouse Gas Emissions Methodology

AIR QUALITY AND GREENHOUSE GAS EMISSIONS METHODOLOGY

East End Studios ADLA

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East End Studios ADLA

Air Quality and Greenhouse Gas Emissions Methodology

1. Introduction

Eyestone Environmental has been retained to conduct a comprehensive greenhouse gas (GHG) and criteria air pollutant emissions assessment for the East End Studios ADLA Project (the “Project”). Emissions during both construction and operation of the Project were quantified. This assessment describes the methodology used to estimate the GHG and air pollutant emissions from existing and Project conditions and describes the methodology used to quantify GHG and air pollutant emission reductions from project design features and mitigation measures.

2. Air Pollutant and Greenhouse Gas Emissions Methodology

The Project would result in direct emissions of criteria pollutants and direct and indirect GHG emissions generated by different types of emissions sources, including:¹

- Direct Emissions:
 - Construction: emissions associated with demolition of existing uses, shoring, excavation, grading, and construction-related equipment and vehicular activity;
 - Area source: emissions associated with consumer products, architectural coatings, and landscape equipment;
 - Energy source (building operations): emissions associated with space heating and cooling, and water heating;

¹ Direct sources of emissions include Project-related vehicular trips and onsite combustion of fossil fuels (e.g., natural gas, propane, gasoline, and diesel). Whereas, indirect sources of emissions include offsite emissions associated with purchased electricity and embodied energy (e.g., energy used to convey, treat, and distribute water and wastewater)

- Mobile source: emissions associated with vehicles accessing the project site; and
- Stationary source: emissions associated with stationary equipment (e.g., emergency generators).
- Refrigerants: fugitive GHG emissions associated with building air conditioning and refrigeration equipment.
- Indirect Emissions:
 - Energy source (building operations): emissions associated with energy consumption, and lighting;
 - Solid Waste: emissions associated with the decomposition of the waste, which generates methane based on the total amount of degradable organic carbon; and
 - Water/Wastewater: emissions associated with energy used to pump, convey, deliver, and treat water.

a. Emission Inventories

Project-related construction and operation emissions were calculated using SCAQMD's recommended California Emissions Estimator Model (CalEEMod). CalEEMod is a statewide land use emissions computer model designed to provide a uniform platform for government agencies, land use planners, and environmental professionals to quantify potential criteria pollutant and GHG emissions associated with both construction and operations from a variety of land use projects. CalEEMod was developed in collaboration with the air districts of California. Data (e.g., emission factors, trip lengths, meteorology, source inventory, etc.) have been provided by the various California air districts to account for local requirements and conditions. The model is considered by the SCAQMD to be an accurate and comprehensive tool for quantifying criteria pollutant and GHG impacts from land use projects throughout California.²

CalEEMod utilizes widely accepted models for emission estimates combined with appropriate default data that can be used if site-specific information is not available. These models and default estimates use sources such as the USEPA AP-42 emission factors, CARB's on-road emission model (EMission FACTor model (EMFAC)) and off-road equipment emission model (Off-road Emissions Inventory Program model (OFFROAD)).

² See www.caleemod.com.

(1) Construction

Construction activities would generate emissions from off-road equipment usage, on-road vehicle travel (truck hauling, vendor deliveries, and workers commuting), architectural coating, and paving. Each of these source types is discussed in more detail below. The Project's construction emissions were calculated using the SCAQMD recommended CalEEMod (Version 2022.1). Please refer to CalEEMod construction output files for a complete listing of construction details modeled. CalEEMod default values were used for equipment and vehicle emission factors, equipment load factors and vehicle trip lengths. It should be noted that the maximum daily emissions were predicted values for the worst-case day and do not represent the emissions that would occur for every day of Project construction. The maximum daily emissions were compared to the SCAQMD daily regional numeric indicators. Annual emissions were calculated based on the total number of hours each piece of equipment was used and the total number of vehicular trips (i.e., worker, vendor, and haul) over the duration of construction. In accordance with the SCAQMD's guidance, GHG emissions from construction were amortized over the lifetime of the Project. The SCAQMD defines the lifetime of a project as 30 years.³ Therefore, total construction GHG emissions were divided by 30 to determine an annual construction emissions estimate comparable to operational emissions.

(a) Emissions from Construction Equipment

The emission calculations associated with construction equipment are from off-road equipment engine use based on the equipment list and phase length. Since the majority of the off-road construction equipment used for construction projects are diesel fueled, CalEEMod assumes all of the equipment operates on diesel fuel. Construction equipment emissions vary with engine model years in which newer equipment will emit fewer pollutants. As a conservative assumption, the CalEEMod model uses an emission rate for equipment which represents an average model year for available equipment within the Air Basin. CalEEMod calculates the exhaust emissions based on CARB OFFROAD methodology using the equation presented below.

Construction Off-Road Equipment:

$$\text{Emissions Diesel [lbs]} = \left(\sum_i (\text{EF}_i \times \text{Pop}_i \times \text{AvgHP}_i \times \text{Load}_i \times \text{Activity}_i) \right)$$

Where: EF_i = Emission factor from OFFROAD (lbs/hr)
 Pop_i = Population (quantity of same equipment)

³ SCAQMD, *Interim CEQA GHG Significance Threshold for Stationary Sources, Rules and Plans*, 2008.

AvgHP_i = Maximum rated average horsepower (hp)

Load_i = Load Factor (dimensionless)

Activity_i = Hours of operation (hours)

i = Summation index

Fugitive dust emissions from use of off-road equipment were also calculated using CalEEMod based on the types of equipment used during grading activities and based on the amount of import/export from loading or unloading dirt into haul trucks. These methods have been adapted from USEPA's AP-42 method for Western Coal Mining. As recommended by SCAQMD, the fugitive dust emissions from the grading phase are calculated using the methodology described in USEPA AP-42. PM₁₀ and PM_{2.5} emissions from fugitive dust will be controlled by watering the construction site three times a day consistent with SCAQMD Rule 403 and were estimated to be reduced by 61 percent.

(b) Emissions from On-Road Trips

Construction generates on-road vehicle exhaust, evaporative, and dust emissions from personal vehicles for worker commuting, vendor deliveries, and trucks for soil and material hauling. These emissions are based on the number of trips and VMT along with emission factors from EMFAC. The emissions from mobile sources were calculated with the trip rates, trip lengths and emission factors for running from EMFAC as follows:

Construction On-Road Equipment:

$\text{Emissions pollutant (lbs)} = \text{VMT} * \text{EF running, pollutant}$

Where: VMT = vehicle miles traveled (miles)

$\text{EF running, pollutant} = \text{emission factor for running emissions (lbs/VMT)}$

Evaporative emissions, starting and idling emissions in CalEEMod were calculated by multiplying the number of trips times the respective emission factor for each pollutant.

(c) Emissions from Architectural Coating

VOC off-gassing emissions result from evaporation of solvents contained in surface coatings. CalEEMod calculates the VOC evaporative emissions from application of residential and non-residential surface coatings using the following equation:

Construction Architectural Coating Emissions:

$$\text{Emissions Architectural Coatings (lbs)} = \text{EF}_{\text{AC}} \times F \times A_{\text{paint}}$$

Where: EF_{AC} = Emission Factor (lb/sf)

A_{paint} = Building Surface Area (sf)

The CalEEMod tool assumes the total surface for painting equals 2.7 times the floor square footage for residential and 2 times that for nonresidential square footage. All of the land use information provided by a metric other than square footage will be converted to square footage using the default conversions or user defined equivalence.

F = fraction of surface area [%].

The default values based on SCAQMD methods used in their coating rules are 75 percent for the interior surfaces and 25 percent for the exterior shell. Parking areas are based on 6-percent coverage.

The emission factor (EF) is based on the VOC content of the surface coatings and is calculated estimated using the equation below:

$$\text{EF}_{\text{AC}} = C_{\text{VOC}} / 454(\text{g/lb}) \times 3.785(\text{L/gal}) / 180(\text{sf})$$

Where: EF = emission factor (lb/sf)

C = VOC content (g/L or gram per liter)

The emission factors for coating categories were calculated using the equation above based on default VOC content from provided by the air districts or CARB's statewide limits in CalEEMod. Architectural coating VOC emission factors are also consistent with SCAQMD Rule 1113 as discussed above.

(d) Emissions from Paving

CalEEMod estimates VOC off-gassing emissions associated with asphalt paving of parking lots using the following equation:

$$\text{Emissions}_{\text{AP}} (\text{lbs}) = \text{EF}_{\text{AP}} \times A_{\text{parking}}$$

Where: EF = emission factor (lb/acre)

A = area of the parking lot (acre)

Note: The Sacramento Metropolitan Air Quality Management District (SMAQMD) default emission factor is 2.62 lb/acre. This value is used as the default emission factor within CalEEMod

(2) Operation

Similar to construction, the SCAQMD-recommended CalEEMod was used to calculate potential emissions generated by the Project, including area source, energy sources (electricity and natural gas), mobile source, stationary sources (emergency generator), solid waste generation and disposal, water usage/wastewater generation, and refrigeration.

(3) Area Source Emissions

Area source emissions were calculated using the CalEEMod emissions inventory model, which includes consumer products, architectural coatings, and landscape maintenance equipment. Pollutant emissions generated by the Project were calculated using CalEEMod defaults, based upon the land uses that will be included in each project.

Consumer products are chemically formulated products used by household and institutional consumers, including, but not limited to, detergents; cleaning compounds; polishes; floor finishes; cosmetics; personal care products; home, lawn, and garden products; disinfectants; sanitizers; aerosol paints; and automotive specialty products; but does not include other paint products, furniture coatings, or architectural coatings. SCAQMD did an evaluation of consumer product use compared to the total square footage of buildings using data from CARB consumer product Emission Inventory. To calculate the VOC emissions from consumer product use, the following equation was used in CalEEMod:

Emissions Consumer Products (lbs) = EF_{CP} x Building Area

Where:

EF_{CP} = pounds of VOC per building square foot

The factor is 1.98×10^{-5} lbs/sf for SCAQMD areas.

Building Area = the total square footage of all buildings including residential square footage

VOC off-gassing emissions result from evaporation of solvents contained in surface coatings such as in paints and primers. The operational emission methodology from architecture coating is the same as the construction methodology discussed above. All land use buildings are assumed to be repainted at a rate of 10 percent of area per year. This is based on the assumptions used by SCAQMD.

The combustion of fossil fuels to operate landscape equipment such as lawnmowers and trimmers, results in pollutant emissions. The emissions occur on-site and are considered a direct source of pollutant emissions. The emissions for landscaping equipment are based on the size of the land uses, the pollutant emission factors for fuel combustion. Pollutant emissions from landscaping equipment are generally calculated in CalEEMod as follows:

Landscaping Equipment:

$$\text{Landscaping Equipment Emissions [lbs]} = (\sum_i (\text{Units} \times \text{EF}_{\text{LE}} \times \text{A}_{\text{LE}})_i)$$

Where: Units = Number of land use units (same land use type) [1,000 sf]

EF_{LE} = Emission factor [grams (g)/1,000 sfdays]

i = Summation index

Note: For residential land uses, emission factors are specified in units of dwelling units (DU) instead of 1,000 sf.

(4) Energy Emissions (Electricity and Natural Gas)

Pollutant emissions are emitted as a result of activities in buildings when electricity and natural gas are used as energy sources. Combustion of any type of fuel emits pollutant emissions directly into the atmosphere; when this occurs in a building, it is a direct emission source associated with that building. Pollutant emissions are also emitted during the generation of electricity from fossil fuels. When electricity is used in a building, the electricity generation typically takes place off-site at the power plant; electricity use in a building generally causes emissions in an indirect manner.

Energy demand emissions were calculated using the CalEEMod emissions inventory model. Energy use in buildings is divided into energy consumed by the built environment and energy consumed by uses that are independent of the construction of the building such as in plug-in appliances. CalEEMod calculates energy use from systems covered by Title 24 Building Energy Efficiency Standards (e.g., heating, ventilation, and air conditioning [HVAC] system, water heating system, and lighting system); energy use from

lighting; and energy use from office equipment, appliances, plug-ins, and other sources not covered by Title 24 or lighting.

CalEEMod energy demand is based on the California Energy Commission (CEC) sponsored California Commercial End Use Survey (CEUS) study.⁴ The data is specific for Electricity Demand Forecast Zones (EDFZ) and, therefore, EDFZ 16 was selected for the Project Site based on the Project's address. CalEEMod includes 2019 Title 24 Energy Efficiency Standards when calculating project energy usage.

(a) Electricity

Because power plants are existing stationary sources permitted by air districts and/or the USEPA, criteria pollutant emissions are generally associated with the power plants themselves, and not individual buildings or electricity users. Additionally, criteria pollutant emissions from power plants are subject to local, state, and federal control measures, which can be considered to be the maximum feasible level of mitigation for stack emissions. In contrast, GHG emissions from power plants are not subject to stationary source permitting requirements to the same degree as criteria pollutants. As such, GHGs emitted by power plants may be indirectly attributed to individual buildings and electricity users, who have the greatest ability to decrease usage by applying mitigation measures to individual electricity "end uses." CalEEMod therefore calculates GHG emissions (but not criteria pollutant emissions) from regional power plants associated with building electricity use.

Emissions associated with electricity demand are based on the size of the residential, commercial and retail land uses, the electrical demand factors for the land uses, the emission factors for the electricity utility provider, and the GWP values for the GHGs emitted. Annual electricity GHG emissions in units of MTCO₂e are calculated as follows:

⁴ 2019 consumption estimates from the CEC's (2020, 2021) 2018–2030 Uncalibrated Commercial Sector Forecast (Commercial Forecast) and the RASS (refer to Table G-28) of Appendix G in CalEEMod User's Guide, 2022.

Electricity:

$$\text{Annual Emissions [MTCO}_2\text{e]} = (\sum_i (\text{Units} \times D_E \times EF_E \times \text{GWP})_i) \div 2,204.62$$

Where: Units = Number of land use units (same land use type) [1,000 sf]
D_E = Electrical demand factor [megawatt-hour (MWh)/1,000 sf/yr]
EF_E = GHG emission factor [pounds per megawatt-hour (MWh)]
GWP = Global warming potential [CO₂ = 1, CH₄ = 21, N₂O = 310]
2,204.62 = Conversion factor [pounds/MT]
i = Summation index

Note: For residential land uses, emission factors are specified in units of dwelling units (DU) instead of 1,000 sf.

GHG emissions from electricity use are directly dependent on the electricity utility provider. The Los Angeles Department of Water and Power (LADWP) provides electric service to the Project Site. Thus, GHG intensity factors for LADWP were selected in CalEEMod. Intensity factors for GHGs due to electrical generation to serve the electrical demands of the existing condition were obtained from the LADWP 2022 Power Content Label, which provides a CO₂ intensity of 567 pounds of CO₂ per MWh for 2022. By 2030, at least 60 percent of electricity shall be obtained from renewable sources. As year-by-year data is currently not available, the CO₂ intensity factor for the Project buildout was determined based on straight line interpolation based on current and future year data points.

(b) Natural Gas

The direct source emissions associated with natural gas combustion are based on the size of the land uses and the natural gas combustion factors for the land uses in units of million British thermal units (MMBtu). Natural gas emissions are calculated in CalEEMod as follows:

Natural Gas:

$$\text{Natural Gas Emissions (lbs)} = (\sum_i (\text{Units} \times D_{\text{NG}} \times EF_{\text{NG}})_i)$$

Where: Units = Number of land use units (same land use type) [1,000 sf]
D_{NG} = Natural Gas combustion factor [MMBtu/1,000 sf]
EF_{NG} = Natural Gas combustion factor [pounds/MMBtu]
/ = Summation index

Note: For residential land uses, emission factors are specified in units of dwelling units (DU) instead of 1,000 sf.

(5) Mobile Source Emissions

Mobile-source emissions were calculated using the CalEEMod emissions inventory model. CalEEMod calculates the emissions associated with on-road mobile sources associated with residents, employees, visitors, and delivery vehicles visiting the Project Site based on the number of daily trips generated and vehicle miles traveled (VMT). The Traffic Study prepared by Gibson Transportations Consulting had calculated Project VMT which was entered into CalEEMod in calculating Project mobile source emissions.

Modeling was also conducted using the Los Angeles County vehicle fleet mix for all vehicle types as provided in EMFAC2021.

Mobile source emissions were generally calculated in CalEEMod as follows:

Mobile:

$$\text{Mobile Emissions [lbs]} = (\sum_i (\text{Units} \times \text{ADT} \times D_{\text{TRIP}} \times EF_i))$$

Where: Units = Number of vehicles (same vehicle model year and class)
ADT = Average daily trip rate [trips/day]
D_{TRIP} = Trip distance [miles/trip]
EF = Pollutant emission factor [pounds per mile]
i = Summation index

Note: For residential land uses, emission factors are specified in units of dwelling units (DU) instead of 1,000 sf.

Mobile source operational emissions were calculated based on the Project VMT estimates provided by the Fehr and Peers.⁵ The Los Angeles Department of Transportation (LADOT) VMT Calculator was used.

Previously, trip generation for land uses was calculated based on survey data collected by the Institute of Transportation Engineers (ITE). However, these ITE trip generation rates were based on data collected at suburban, single-use, free standing sites, which may not be representative of urban mixed-use environments. Beginning in 2019, the USEPA has sponsored a study to collect travel survey data from mixed-use developments in order provide a more representative trip generation rate for multi-use sites. Results of the USEPA survey indicate that trip generation and VMT are affected by factors such as resident and job density, availability of transit, and accessibility of biking and walking paths. Based on these factors, the USEPA has developed equations known as the EPA Mixed-Use Development (MXD) model to calculate trip reductions for multi-use developments.⁶ The LADOT VMT Calculator incorporates the USEPA MXD model and accounts for project features such as increased density and proximity to transit, which would reduce VMT and associated fuel usage in comparison to free-standing sites.

The Project design includes characteristics that would reduce trips and VMT as compared to a standard project within the air basin as measured by the air quality model (CalEEMod). While these Project characteristics primarily reduce greenhouse gas emissions, they would also reduce criteria air pollutants discussed herein. These relative reductions in vehicle trips and VMT from a standard project within the air basin help quantify the criteria air pollutant emissions reductions achieved by locating the Project in any infill, HQTa area that promotes alternative modes of transportation.

(6) Stationary Source (Emergency Generator Emissions)

Emissions of GHGs associated with use of emergency generators were calculated using CalEEMod, in which emission factors are based on Table 3.4-1 (Gaseous Emission Factors for Large Stationary Diesel Engines) from EPA's AP-42: Compilation of Air Pollutant Emission Factors. The emissions are based on the horsepower rating of the diesel generator and the number of hours operated per year for testing purposes. Annual emergency generator GHG emissions in units of MTCO_{2e} were calculated as follows:

⁵ Gibson Transportation Consulting., *Transportation Assessment for the 6th and Alameda Studio Project, Los Angeles, California. September 2023.*

⁶ Environmental Protection Agency, *Mixed-Use Trip Generation Model*. www.epa.gov/smartgrowth/mixed-use-trip-generation-model. Accessed January 30, 2024.

Emergency Generator:

$$\text{Emissions [lbs]} = (\text{Total HP} \times \text{LF} \times \text{HR} \times \text{EF})$$

Where: Total HP = Total horsepower of emergency generators (Hp)

LF = Load Factor (CalEEMod default of 0.73)

HR = Hours Operated per Year

EF = AP-42 Emission Factor of 1.16 lb/hp-hr)

(7) Solid Waste Emissions

The generation of municipal solid waste (MSW) from day-to-day operational activities generally consists of product packaging, grass clippings, furniture, clothing, bottles, food scraps, newspapers, plastic, and other items routinely disposed of in trash bins. A portion of the MSW is diverted to waste recycling and reclamation facilities. Waste that is not diverted is usually sent to local landfills for disposal. MSW that is disposed in landfills results in GHG emissions of CO₂ and CH₄ from the decomposition of the waste that occurs over the span of many years.

Emissions of GHGs associated with solid waste disposal were calculated using the CalEEMod emissions inventory model. The emissions are based on the size of the retail and restaurant land uses, the waste disposal rate for the land uses, the waste diversion rate, the GHG emission factors for solid waste decomposition, and the GWP values for the GHGs emitted. Annual waste disposal GHG emissions in units of MTCO₂e were calculated in CalEEMod as follows:

Solid Waste:

$$\text{Annual Emissions [MTCO}_2\text{e]} = (\sum_i (\text{Units} \times D_{\text{MSW}} \times EF_{\text{MSW}} \times \text{GWP})_i) \div 1.1023$$

Where: Units = Number of land use units (same land use type) [1,000 sf]

D_{MSW} = Waste disposal rate [tons/1,000 sf/yr]

EF_{MSW} = GHG emission factor [tons/ton waste]

GWP = Global warming potential [CO₂ = 1, CH₄ = 21, N₂O = 310]

1.1023 = Conversion factor [tons/MT]

i = Summation index

Note: For residential land uses, emission factors are specified in units of dwelling units (DU) instead of 1,000 sf.

CalEEMod allows the input of several variables to quantify solid waste emissions. The model requires the amount of waste disposed, which is the product of the waste disposal rate times the land use units. CalEEMod default annual solid waste disposal rates used. The GHG emission factors, particularly for CH₄, depend on characteristics of the landfill, such as the presence of a landfill gas capture system and subsequent flaring or energy recovery. The default values, as provided in CalEEMod, for landfill gas capture (e.g., no capture, flaring, energy recovery), which are statewide averages, were used in this assessment. The Project includes a 76.4-percent recycling/diversion rate currently achieved within the City.⁷

(8) Water Usage and Wastewater Generation Emissions

GHG emissions are related to the energy used to convey, treat, and distribute water and wastewater. Thus, these emissions are generally indirect emissions from the production of electricity to power these systems. Three processes are necessary to supply potable water and include: (1) supply and conveyance of the water from the source; (2) treatment of the water to potable standards; and (3) distribution of the water to individual users. After use, energy is used as the wastewater is treated and reused as reclaimed water.

Emissions related to water usage and wastewater generation were calculated using the CalEEMod emissions inventory model. The emissions are based on the size of the land uses, the water demand factors, the electrical intensity factors for water supply, treatment, and distribution and for wastewater treatment, the GHG emission factors for the electricity utility provider, and the GWP values for the GHGs emitted. CalEEMod default annual water demand and wastewater rates were used. GHG emissions due to electricity are calculated in CalEEMod as follows for indoor and outdoor water demand:

⁷ City of Los Angeles, *Sustainable City pLAN, Waste & Landfills*, <http://plan.lamayor.org/portfolio/waste-landfills-3rd>, accessed January 30, 2024.

Water Supply, Treatment, and Distribution; Wastewater Treatment (electricity):

$$\text{Annual Emissions [MTCO}_2\text{e]} = (\sum_i (\text{Units} \times D_w \times (EI_w \div 1,000) \times EF_w \times GWP)_i) \div 2,204.62$$

Where: Units	= Number of land use units (same land use type) [1,000 sf]
D_w	= Water demand factor [million gallons (Mgal)/1,000 sf/yr]
EI_w	= Electricity intensity factor [kilowatt-hours (kWh)/Mgal]
1,000	= Conversion factor [kWh/MWh]
EF_w	= GHG emission factor [pounds/MWh]
GWP	= Global warming potential [$\text{CO}_2 = 1$, $\text{CH}_4 = 21$, $\text{N}_2\text{O} = 310$]
2,205	= Conversion factor [pounds/MT]
i	= Summation index

Note: For residential land uses, emission factors are specified in units of dwelling units (DU) instead of 1,000 sf.

CalEEMod provides options to account for the use of water saving features such as the use of low-flow water fixtures (e.g., low-flow faucets, low-flow toilets). The same electricity GHG emissions factors discussed above were used for water and wastewater energy usage. In addition, the calculation of Project GHG emissions from water/wastewater usage accounts for a 20 percent reduction in water/wastewater emissions with implementation of CalGreen requirements.

(9) Refrigerant Emissions

The estimate the fugitive GHG emissions associated with building air conditioning (A/C) and refrigeration equipment is based on the different types of refrigeration equipment used by different types of land uses. For example, an office may use various types of A/C equipment, while a supermarket may use both A/C equipment and refrigeration equipment. All equipment that uses refrigerants has a charge size (i.e., quantity of refrigerant the equipment contains), operational and service refrigerant leak rates (from regular operation and routine servicing), and number of times serviced per lifetime. Each refrigerant has a GWP that is specific to that refrigerant. CalEEMod automatically generates a default A/C and refrigeration equipment inventory for each project land use subtype. CalEEMod quantifies refrigerant emissions from leaks during regular operation and routine servicing over the equipment lifetime and then derives average annual emissions from the lifetime estimate. Note that CalEEMod does not quantify emissions from the disposal of refrigeration and A/C equipment at the end of its lifetime.

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Appendix B-2-Air Quality Worksheets

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6 and Alameda Campus
Air Quality Emissions Summary Winter

AQ SUMMARY OF EMISSIONS WINTER							Construction Emissions (With AQ-PDF-1)						
Construction Emissions							Construction Emissions (With AQ-PDF-1)						
Regional (Daily)							Regional (Daily)						
	ROG	NO _x	CO	SO ₂	PM ₁₀	PM _{2.5}		ROG	NO _x	CO	SO ₂	PM ₁₀	PM _{2.5}
2024	8	76	95	<1	13	4	2024	3	39	108	<1	11	3
2025	7	71	93	<1	11	4	2025	3	39	106	<1	10	2
2026	67	69	92	<1	11	3	2026	64	38	105	<1	10	2
MAX	67	76	95	<1	13	4	MAX	64	39	108	<1	11	3
Threshold	75	100	550	150	150	55	Threshold	75	100	550	150	150	55
Difference	(8)	(24)	(455)	(150)	(137)	(51)	Difference	(11)	(61)	(442)	(150)	(139)	(52)
Impact	No	No	No	No	No	No	Impact	No	No	No	No	No	No
Localized (Daily)							Localized (Daily)						
	ROG	NO _x	CO	SO ₂	PM ₁₀	PM _{2.5}		ROG	NO _x	CO	SO ₂	PM ₁₀	PM _{2.5}
2024		68	78		8	3	2024		31	90		6	<1
2025		64	77		7	2	2025		31	90		5	<1
2026		62	77		7	2	2026		31	90		5	<1
MAX		68	78		8	3	MAX		31	90		6	<1
Threshold		119	1861		16	8	Threshold		119	1861		16	8
Difference		(51)	(1,783)		(8)	(5)	Difference		(87)	(1,771)		(10)	(7)
Impact		No	No		No	No	Impact		No	No		No	No
							Percent Reduction: -6% -48% 13% 0% -15% -40%						
Operation Emissions (Compliance with City Ordinance 187,714)							Operation Emissions (Implementation of GHG-PDF-1)						
Existing Regional Emissions (Existing Year)							Existing Regional Emissions (Existing Year)						
	ROG	NO _x	CO	SO ₂	PM ₁₀	PM _{2.5}		ROG	NO _x	CO	SO ₂	PM ₁₀	PM _{2.5}
Area	7	<1	<1	<1	<1	<1	Area	7	<1	<1	<1	<1	<1
Energy	<1	1	1	<1	<1	<1	Energy	<1	1	1	<1	<1	<1
Mobile	6	5	45	<1	8	2	Mobile	6	5	45	<1	8	2
Emergency Generator	0	0	0	0	0	0	Emergency Generator	0	0	0	0	0	0
Total	14	6	46	<1	9	2	Total	14	6	46	<1	9	2
Existing Regional Emissions (Buildout Year)							Existing Regional Emissions (Buildout Year)						
	ROG	NO _x	CO	SO ₂	PM ₁₀	PM _{2.5}		ROG	NO _x	CO	SO ₂	PM ₁₀	PM _{2.5}
Area	7	<1	<1	<1	<1	<1	Area	7	<1	<1	<1	<1	<1
Energy	<1	1	1	<1	<1	<1	Energy	<1	1	1	<1	<1	<1
Mobile	5	4	37	<1	8	2	Mobile	5	4	37	<1	8	2
Emergency Generator	0	0	0	0	0	0	Emergency Generator	0	0	0	0	0	0
Total	13	5	38	<1	9	2	Total	13	5	38	<1	9	2
Project Regional Emissions (Buildout Year)							Project Regional Emissions (Buildout Year)						
	ROG	NO _x	CO	SO ₂	PM ₁₀	PM _{2.5}		ROG	NO _x	CO	SO ₂	PM ₁₀	PM _{2.5}
Area	16	<1	<1	<1	<1	<1	Area	16	<1	<1	<1	<1	<1
Energy	<1	<1	<1	<1	<1	<1	Energy	<1	1	1	<1	<1	<1
Mobile	12	9	88	<1	20	5	Mobile	12	9	88	<1	20	5
Emergency Generator	5	22	13	<1	<1	<1	Emergency Generator	5	22	13	<1	<1	<1
Charbroiler	<1	<1	<1	<1	1	<1	Charbroiler	<1	<1	<1	<1	1	<1
Spray Booth	7	<1	<1	<1	<1	<1	Spray Booth	7	<1	<1	<1	<1	<1
Total	41	32	101	<1	22	6	Total	41	32	101	<1	22	6
Incremental Regional Emissions (Project Less Existing)							Incremental Regional Emissions (Project Less Existing)						
	ROG	NO _x	CO	SO ₂	PM ₁₀	PM _{2.5}		ROG	NO _x	CO	SO ₂	PM ₁₀	PM _{2.5}
Area	9	<1	<1	<1	<1	<1	Area	9	<1	<1	<1	<1	<1
Energy	<1	<1	<1	<1	<1	<1	Energy	<1	<1	<1	<1	<1	<1
Mobile	7	5	50	<1	12	3	Mobile	7	5	50	<1	12	3
Emergency Generator	5	22	13	<1	<1	<1	Emergency Generator	5	22	13	<1	<1	<1
Charbroiler	<1	<1	<1	<1	1	<1	Charbroiler	<1	<1	<1	<1	1	<1
Spray Booth	7	<1	<1	<1	<1	<1	Spray Booth	7	<1	<1	<1	<1	<1
Total	28	27	63	<1	13	4	Total	28	27	63	<1	13	4
Threshold	55	55	550	150	150	55	Threshold	55	55	550	150	150	55
Difference	(27)	(28)	(487)	(150)	(137)	(51)	Difference	(27)	(28)	(487)	(150)	(137)	(51)
Impact	No	No	No	No	No	No	Impact	No	No	No	No	No	No
Project Localized (Buildout Year)							Project Localized (Buildout Year)						
	ROG	NO _x	CO	SO ₂	PM ₁₀	PM _{2.5}		ROG	NO _x	CO	SO ₂	PM ₁₀	PM _{2.5}
Onsite Total		21	12		1	1	Onsite Total		22	13		1	1
Threshold		119	1861		4	2	Threshold		119	1861		4	2
Difference		(98)	(1849)		(3)	(1)	Difference		(97)	(1848)		(3)	(1)
Impact		No	No		No	No	Impact		No	No		No	No

6 and Alameda Campus
Air Quality Emissions Summary Summer

AQ SUMMARY OF EMISSIONS SUMMER														
Construction Emissions							Construction Emissions (With AQ-PDF-1)							
Regional (Daily)	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}	Regional (Daily)	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}	
	2024	8	75	97	<1	18	5	2024	3	39	110	<1	16	3
	2025	7	71	95	<1	11	4	2025	3	38	109	<1	10	2
	2026	65	36	49	<1	4	2	2026	62	22	56	<1	4	<1
	MAX	65	75	97	<1	18	5	MAX	62	39	110	<1	16	3
	Threshold	75	100	550	150	150	55	Threshold	75	100	550	150	150	55
	Difference	(10)	(25)	(453)	(150)	(132)	(50)	Difference	(13)	(61)	(440)	(150)	(134)	(52)
	Impact	No	No	No	No	No	No	Impact	No	No	No	No	No	No
							Percent Reduction: -3% -48% 13% 0% -9% -33%							
Localized (Daily)	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}	Localized (Daily)	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}	
	2024		68	78		12	3	2024		31	90		10	1
	2025		64	77		7	2	2025		31	90		5	<1
	2026		33	44		3	1	2026		19	51		2	<1
	MAX		68	78		12	3	MAX		31	90		10	1
	Threshold		119	1861		16	8	Threshold		119	1861		16	8
	Difference		(51)	(1,783)		(4)	(5)	Difference		(87)	(1,771)		(6)	(7)
	Impact		No	No		No	No	Impact		No	No		No	No
							Percent Reduction: -54% 16% -13% -51%							
Operation Emissions (Compliance with City Ordinance 187,714)							Operation Emissions (Implementation of GHG-PDF-1)							
Existing Regional Emissions (Existing Year)	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}	Existing Regional Emissions (Exis	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}	
	Area	10	<1	14	<1	<1	<1	Area	10	<1	14	<1	<1	<1
	Energy	<1	1	1	<1	<1	<1	Energy	<1	1	1	<1	<1	<1
	Mobile	6	4	48	<1	8	2	Mobile	6	4	48	<1	8	2
	Emergency Generator	0	0	0	0	0	0	Emergency Generator	0	0	0	0	0	0
	Total	16	6	63	<1	9	2	Total	16	6	63	<1	9	2
Existing Regional Emissions (Buidout Year)	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}	Existing Regional Emissions (Buid	ROG	NOx	CO	SO2	PM10	PM2.5	
	Area	10	<1	14	<1	<1	<1	Area	10	<1	14	<1	<1	<1
	Energy	<1	1	1	<1	<1	<1	Energy	<1	1	1	<1	<1	<1
	Mobile	5	3	40	<1	8	2	Mobile	5	3	40	<1	8	2
	Emergency Generator	0	0	0	0	0	0	Emergency Generator	0	0	0	0	0	0
	Total	15	5	55	<1	9	2	Total	15	5	55	<1	9	2
Project Regional Emissions (Buildout Year)	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}	Project Regional Emissions (Build	ROG	NOx	CO	SO2	PM10	PM2.5	
	Area	23	<1	43	<1	<1	<1	Area	23	<1	43	<1	<1	<1
	Energy	<1	<1	<1	<1	<1	<1	Energy	<1	1	1	<1	<1	<1
	Mobile	12	8	94	<1	20	5	Mobile	12	8	94	<1	20	5
	Emergency Generator	5	22	13	<1	<1	<1	Emergency Generator	5	22	13	<1	<1	<1
	Charbroiler	<1	<1	<1	<1	1	<1	Charbroiler	<1	<1	<1	<1	1	<1
	Spray Booth	7	<1	<1	<1	<1	<1	Spray Booth	7	<1	<1	<1	<1	<1
	Total	48	32	151	<1	22	6	Total	48	32	151	<1	22	6
Incremental Regional Emissions (Project Less Existing)	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}	Incremental Regional Emissions (	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}	
	Area	14	<1	29	<1	<1	<1	Area	14	<1	29	<1	<1	<1
	Energy	<1	<1	<1	<1	<1	<1	Energy	<1	<1	<1	<1	<1	<1
	Mobile	7	5	54	<1	12	3	Mobile	7	5	54	<1	12	3
	Emergency Generator	5	22	13	<1	<1	<1	Emergency Generator	5	22	13	<1	<1	<1
	Charbroiler	<1	<1	<1	<1	1	<1	Charbroiler	<1	<1	<1	<1	1	<1
	Spray Booth	7	<1	<1	<1	<1	<1	Spray Booth	7	<1	<1	<1	<1	<1
	Total	33	27	96	<1	13	4	Total	33	27	96	<1	13	4
	Threshold	55	55	550	150	150	55	Threshold	55	55	550	150	150	55
	Difference	(22)	(28)	(454)	(150)	(137)	(51)	Difference	(22)	(28)	(454)	(150)	(137)	(51)
Impact	No	No	No	No	No	No	Impact	No	No	No	No	No	No	
Project Localized (Buildout Year)	Onsite Total	21	41		1	1.0	Project Localized (Buildout Year)	22	42			1	1.1	
	Threshold	119	1,861		4	2	Threshold	119	1861			4	2	
	Difference	(98)	(1,820)		(3)	(1)	Difference	(96)	(1819)			(3)	(1)	
	Impact	No	No		No	No	Impact	No	No			No	No	

Step 1. Determine Allowable Increase using 98th percentile NO2 and Max NO2 data

Central LA NO2 Monitoring Data

SRA	City	Design Value	98th percentile, ppb			
		2014-2016	2017	2018	2019	2020
1	Central LA	56		57	56	55
SRA	City	Design Value	Max Hourly, ppb			
		2006-2008	2017	2018	2019	2020
1	Central LA	120		70	70	62

Threshold (ppb) Allowable Increase (ppb)
100 44

Threshold (ppb) Allowable Increase (ppb)
180 60

Max Hourly vs. 98th Percentile Ratio (Allowable Increase)	74%
---	-----

Step 2. Use ratio in Step 1 to determine LST lookup value. Extrapolate/Interpolate LST look-up value for project area

LST Threshold (SRA 1, 25 meter receptor)

Project Size (acres)	NO2 (lbs/day)	98th Percentile NO2 (lbs/day)	CO (lbs/day)	PM10 (lbs/day)	PM2.5 (lbs/day)	PM10 Ops (lbs/day)	PM2.5 Ops (lbs/day)
1	74	55	680	5	3	2	1
2	108	80	1048	8	5	2	2
5	161	119	1861	16	8	4	2
5	161	119	1861	16	8	4	2

<----Interpolated Value

EEC ADLA Studio Project

Air Quality and Noise Analysis Assumptions

Construction Details	Start Date	End Date	Duration (Months)	Work Days	Max Daily Employee Trips	Max Daily Hauls	Total Hauls	Max Daily Deliveries
Overall Duration	2/7/2024	6/28/2026	29.0	748				
Demolition	2/7/2024	4/8/2024	2.0	44	40	75	0	8
Grading/Excavation	4/9/2024	5/24/2024	1.5	34	35	90	2,857	8
Foundations	5/25/2024	9/14/2024	3.6	80	125	8	-----	100
Building Construction	9/15/2024	3/15/2026	18.0	390	225	12	-----	40
Paving/Landscape	3/16/2026	6/28/2026	3.4	75	60	8	-----	12
Site Acreage								
	9.7							
Demolition Quantities								
Building Square Footage (SF)	286,000							
Import/Export Quantities during Grading	(CY)							
Import	-							
Export	40,000							

Landfill Location	Distance (miles)
Vulcan Irwindale	20
Sunshine Canyon	28
Calabasas	33

Equipment	Demo	Grading/Excavation	Foundations	Building Construction	Paving/Landscape
Air Compressor	2			2	2
Aerial Lift				16	4
Bore/Drill Rig					
Cement and Mortar Mixers					2
Concrete/Industrial Saws	5			2	2
Cranes (Tower)					
Cranes (Mobile)			2	4	2
Crawler Tractors		2			
Crushing/Proc. Equipment	1				
Excavators	4	2			
Forklifts					
Generator Sets					
Graders					
Off-Highway Tractors					
Water Truck	4	2	2	1	1
Pavers					1
Paving Equipment					1
Pumps			2	2	1
Plate Compactors			2	2	2
Rollers		1			
Rough Terrain Forklifts	2		2	6	2
Rubber Tired Dozers	1				
Rubber Tired Loaders	1	2			1
Scrapers		2			
Signal Boards					
Skid Steer Loaders			2	2	4
Surfacing Equipment			4		
Tractors/Loaders/Backhoes	4	2	2	4	2
Trenchers					2
Welders			1	4	
Other (misc)				5	
Total Pieces	24	13	19	50	29

6 and Alameda Campus

CO Hotspots

CO Hotspots Analysis - Maximum Impacted Intersection

Direction	Alameda Street and 7th Street	
	Future with Project	
	AM	PM
Total Intersection Volume	3417	3601
Max Daily Trips ^a	59,842	56,178
Caltrans K Factor (%) ^b	5.71%	6.41%

^a Maximum Daily Trips are based on the Caltrans K Factor which is the percentage of the AADT in both directions during the peak hour.

^b Caltrans K Factor obtained from 101 Freeway Monitoring Station, Postmile 12 which is closest to the Project site. Please refer to: <https://dot.ca.gov/programs/traffic-operations/census>

East End ADLA

Charbroiler Emissions Calculations

CHARBROILER

Project	Peak Daily
# of Food Trucks Not Equipped with Cooking Eq	
# of Food Trucks Equipped with Charbroiler	3
# of Food Trucks Equipped with Griddle	3
Hours of Operation per Day On-Site	3

Emission Factors	Quantity per Hour per truck (lbs)	SCAQMD Rule 1138 - Appendix I		Emissions Max Daily			
		PM (lb/1,000 lb)	ROG (lb/1,000 lb)	PM (lbs/day)	PM10 (lbs/day)	PM2.5 (lbs/day)	ROG (lbs/day)
Under-Fired Broiler							
25% Fat Hamburger	3	32.65	3.94	0.9	0.6	0.4	0.1
Chicken	5	10.48	1.82	0.5	0.3	0.2	0.1
Steak (e.g., burrito)	3	17.19	0.86	0.5	0.3	0.2	0.02
Fish	3	3.3	0.38	0.1	0.1	0.0	0.01
Griddle							
24% fat hamburger	5	5.08	0.07	0.2	0.2	0.1	0.0
sk-boneless chicken breast	10	BDL*	0.4	0.0	0.0	0.0	0.0
Total				2.1	1.5	0.9	0.2

Food Trucks

Conservatively assumes no PM control efficiency for exhaust filters

*BDL (Below Detection Limit)

South Coast Air Quality Management District, Final –Methodology to Calculate Particulate Matter (PM) 2.5 and PM 2.5 Significance Thresholds, Appendix A, [http://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/particulate-matter-\(pm\)-2.5-significance-thresholds-and-calculation-methodology/final_pm2_5methodology.pdf?sfvrsn=2](http://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/particulate-matter-(pm)-2.5-significance-thresholds-and-calculation-methodology/final_pm2_5methodology.pdf?sfvrsn=2). Accessed September 2023. Per Appendix A, for cooking (baking, charbroiling, deep fat frying), PM10 is 0.7 fraction of PMand PM2.5 is 0.42 fraction of PM.

South Coast Air Quality Management District, Emission Factors for Commercial Cooking Operations, https://www.aqmd.gov/docs/default-source/rule-book/support-documents/rule-1138/par1138pdsr_appendixi.pdf?sfvrsn=2. Accessed September 2023.

VOC Emissions					
Material	Usage Rate (gal/day)	VOC Emission Factor (lbs/gal) ^a	VOC (lbs/day) -		VOC (lbs/day) -
			Uncontrolled	Control Efficiency ^b	Controlled
Primer	15	2.3	34.5	95%	1.725
Enamel	5	2.8	14	95%	0.7
MEK	15	6.7	100.5	95%	5.025
			149		7.45

PM Emissions						
Material	Usage Rate (gal/day)	PM Emission Factor (lbs/gal) ^c	Transfer Efficiency (%) ^d	PM (lbs/day) - Uncontrolled	Control Efficiency ^e	PM (lbs/day) - Controlled
Spray Coating	3	3	65%	3.15	90%	0.315

^a VOC Emission Factors for Use of Organic-Containing Materials - December 2014. SCAQMD Annual Emission Reporting Guidelines

^b Guidelines for Reporting Emissions from Use of Materials Containing Organic Compounds - December 2016. SCAQMD Annual Emission Reporting Guidelines. Carbon Adsorber VOC Control Efficiency of 95%

^c Guidelines for Particulate Matter (PM) Emissions Calculations for Spray Coating Operations. SCAQMD Annual Emission Reporting Guidelines. Default solids factor of 3.0 lbs/gal.

^d Guidelines for Particulate Matter (PM) Emissions Calculations for Spray Coating Operations. SCAQMD Annual Emission Reporting Guidelines. Default HVLP transfer efficiency of 65%

^e Guidelines for Particulate Matter (PM) Emissions Calculations for Spray Coating Operations. SCAQMD Annual Emission Reporting Guidelines. Conventional filters control efficiency of 90%

Prepared by City Count, LLC (www.citycount.com)

ADT Volume Report - Total Vehicles

Wholesale St & S Alameda St Driveway

Day: Monday, October 30, 2023

City: Los Angeles, CA

Daily Totals	Inbound	Outbound			Total
	527	489			1016

AM	In	Out	Total	PM	In	Out	Total
00:00	1	1	2	12:00	7	8	15
00:15	3	0	3	12:15	3	9	12
00:30	2	0	2	12:30	6	8	14
00:45	1	7	8	12:45	8	24	32
01:00	3	2	5	13:00	2	4	6
01:15	1	1	2	13:15	7	3	10
01:30	8	2	10	13:30	3	7	10
01:45	10	22	32	13:45	0	12	12
02:00	4	4	8	14:00	1	4	5
02:15	4	4	8	14:15	5	6	11
02:30	8	5	13	14:30	4	6	10
02:45	9	25	34	14:45	1	11	12
03:00	12	7	19	15:00	5	3	8
03:15	11	8	19	15:15	2	3	5
03:30	9	6	15	15:30	0	2	2
03:45	15	47	62	15:45	0	7	7
04:00	12	12	24	16:00	4	1	5
04:15	13	11	24	16:15	2	4	6
04:30	11	12	23	16:30	0	1	1
04:45	14	50	64	16:45	2	8	10
05:00	22	11	33	17:00	3	2	5
05:15	8	13	21	17:15	1	3	4
05:30	10	13	23	17:30	2	0	2
05:45	9	49	58	17:45	2	8	10
06:00	12	7	19	18:00	3	0	3
06:15	12	14	26	18:15	1	1	2
06:30	19	12	31	18:30	1	0	1
06:45	11	54	65	18:45	2	7	9
07:00	12	12	24	19:00	1	3	4
07:15	11	8	19	19:15	0	1	1
07:30	14	13	27	19:30	7	0	7
07:45	6	43	49	19:45	4	12	16
08:00	9	11	20	20:00	0	3	3
08:15	7	9	16	20:15	1	1	2
08:30	13	10	23	20:30	1	1	2
08:45	12	41	53	20:45	1	3	4
09:00	7	14	21	21:00	2	1	3
09:15	9	10	19	21:15	3	2	5
09:30	6	7	13	21:30	2	4	6
09:45	9	31	40	21:45	5	12	17
10:00	5	1	6	22:00	2	0	2
10:15	5	7	12	22:15	4	2	6
10:30	2	8	10	22:30	4	1	5
10:45	10	22	32	22:45	2	12	14
11:00	4	4	8	23:00	1	0	1
11:15	5	7	12	23:15	0	0	0
11:30	4	4	8	23:30	0	1	1
11:45	4	17	21	23:45	2	3	5
Totals	408	367	775	Totals	119	122	241
Split %	52.6%	47.4%	76.3%	Split %	49.4%	50.6%	23.7%

Daily Totals	Inbound	Outbound			Total
	527	489			1016

AM Peak Hour	04:15	05:00	05:00	PM Peak Hour	12:00	12:00	12:00
AM Peak Volume	60	62	111	PM Peak Volume	24	30	54
AM Pk Hr Factor	0.682	0.620	0.816	PM Pk Hr Factor	0.750	0.833	0.900

Prepared by City Count, LLC (www.citycount.com)
ADT Volume Report - Passenger
 Wholesale St & S Alameda St Driveway

Day: Monday, October 30, 2023

City: Los Angeles, CA

Daily Totals	Inbound	Outbound	Total
	268	271	
			539

AM	In	Out	Total	PM	In	Out	Total
00:00	1	1	2	12:00	2	7	9
00:15	1	0	1	12:15	2	6	8
00:30	1	0	1	12:30	5	8	13
00:45	1	4	5	12:45	4	13	17
01:00	1	0	1	13:00	1	4	5
01:15	0	0	0	13:15	3	3	6
01:30	4	2	6	13:30	0	6	6
01:45	8	13	21	13:45	0	4	4
02:00	1	0	1	14:00	0	4	4
02:15	3	2	5	14:15	2	6	8
02:30	0	3	3	14:30	3	4	7
02:45	4	8	12	14:45	1	6	7
03:00	5	5	10	15:00	0	0	0
03:15	4	3	7	15:15	1	1	2
03:30	5	2	7	15:30	0	2	2
03:45	10	24	34	15:45	0	1	1
04:00	3	5	8	16:00	2	1	3
04:15	1	2	3	16:15	1	1	2
04:30	8	4	12	16:30	0	0	0
04:45	11	23	34	16:45	2	5	7
05:00	11	6	17	17:00	0	1	1
05:15	7	6	13	17:15	0	2	2
05:30	3	10	13	17:30	2	0	2
05:45	5	26	31	17:45	1	3	4
06:00	5	4	9	18:00	3	0	3
06:15	7	7	14	18:15	1	1	2
06:30	9	10	19	18:30	1	0	1
06:45	7	28	35	18:45	2	7	9
07:00	5	7	12	19:00	1	2	3
07:15	4	5	9	19:15	0	1	1
07:30	8	3	11	19:30	7	0	7
07:45	4	21	25	19:45	4	12	16
08:00	5	6	11	20:00	0	3	3
08:15	2	6	8	20:15	1	1	2
08:30	8	5	13	20:30	1	0	1
08:45	4	19	23	20:45	1	3	4
09:00	6	8	14	21:00	2	1	3
09:15	1	5	6	21:15	2	2	4
09:30	6	4	10	21:30	1	3	4
09:45	3	16	19	21:45	4	9	13
10:00	0	0	0	22:00	2	0	2
10:15	1	2	3	22:15	3	1	4
10:30	0	4	4	22:30	3	1	4
10:45	5	6	11	22:45	0	8	8
11:00	0	2	2	23:00	0	0	0
11:15	4	5	9	23:15	0	0	0
11:30	1	2	3	23:30	0	1	1
11:45	3	8	11	23:45	1	1	2
Totals	196	178	374	Totals	72	93	165
Split %	52.4%	47.6%	69.4%	Split %	43.6%	56.4%	30.6%

Daily Totals	Inbound	Outbound	Total
	268	271	
			539

AM Peak Hour	04:30	06:15	06:15	PM Peak Hour	12:30	12:00	12:00
AM Peak Volume	37	29	57	PM Peak Volume	13	25	38
AM Pk Hr Factor	0.841	0.725	0.750	PM Pk Hr Factor	0.650	0.781	0.731

Prepared by City Count, LLC (www.citycount.com)
ADT Volume Report - Light Truck
 Wholesale St & S Alameda St Driveway

Day: Monday, October 30, 2023

City: Los Angeles, CA

Daily Totals	Inbound		Outbound		Total
	180		179		359

AM	In	Out		Total	PM	In	Out		Total
00:00	0	0		0	12:00	4	1		5
00:15	0	0		0	12:15	1	3		4
00:30	0	0		0	12:30	0	0		0
00:45	0	0	0	0	12:45	1	6	1	5
01:00	0	0		0	13:00	0	0		0
01:15	1	0		1	13:15	2	0		2
01:30	2	0		2	13:30	1	0		1
01:45	2	5	4	4	13:45	0	3	1	1
02:00	3	4		7	14:00	1	0		1
02:15	1	1		2	14:15	3	0		3
02:30	5	2		7	14:30	1	2		3
02:45	3	12	4	11	14:45	0	5	1	3
03:00	5	2		7	15:00	2	2		4
03:15	7	5		12	15:15	1	1		2
03:30	3	4		7	15:30	0	0		0
03:45	3	18	2	13	15:45	0	3	0	3
04:00	7	6		13	16:00	2	0		2
04:15	9	9		18	16:15	1	3		4
04:30	2	7		9	16:30	0	1		1
04:45	2	20	3	25	16:45	0	3	0	4
05:00	8	5		13	17:00	3	1		4
05:15	1	6		7	17:15	1	1		2
05:30	5	2		7	17:30	0	0		0
05:45	3	17	17	30	17:45	1	5	0	2
06:00	7	2		9	18:00	0	0		0
06:15	5	6		11	18:15	0	0		0
06:30	9	2		11	18:30	0	0		0
06:45	3	24	7	17	18:45	0	0	0	0
07:00	6	5		11	19:00	0	0		0
07:15	7	3		10	19:15	0	0		0
07:30	5	10		15	19:30	0	0		0
07:45	0	18	4	22	19:45	0	0	0	0
08:00	1	3		4	20:00	0	0		0
08:15	3	2		5	20:15	0	0		0
08:30	4	2		6	20:30	0	0		0
08:45	6	14	4	11	20:45	0	0	0	0
09:00	1	4		5	21:00	0	0		0
09:15	7	5		12	21:15	0	0		0
09:30	0	3		3	21:30	0	0		0
09:45	4	12	2	14	21:45	0	0	0	0
10:00	4	1		5	22:00	0	0		0
10:15	2	4		6	22:15	0	0		0
10:30	2	4		6	22:30	0	0		0
10:45	2	10	2	11	22:45	0	0	0	0
11:00	3	1		4	23:00	0	0		0
11:15	0	1		1	23:15	0	0		0
11:30	1	1		2	23:30	0	0		0
11:45	1	5	0	3	23:45	0	0	0	0
Totals	155	161		316	Totals	25	18		43
Split %	49.1%	50.9%		88.0%	Split %	58.1%	41.9%		12.0%

Daily Totals	Inbound		Outbound		Total
	180		179		359

AM Peak Hour	06:30	05:00	05:45	PM Peak Hour	14:15	14:30	14:15
AM Peak Volume	25	30	51	PM Peak Volume	6	6	11
AM Pk Hr Factor	0.694	0.441	0.638	PM Pk Hr Factor	0.500	0.750	0.688

Prepared by City Count, LLC (www.citycount.com)
ADT Volume Report - Heavy Truck
 Wholesale St & S Alameda St Driveway

Day: Monday, October 30, 2023

City: Los Angeles, CA

Daily Totals	Inbound	Outbound	Total
	79	39	118

AM	In	Out	Total	PM	In	Out	Total
00:00	0	0	0	12:00	1	0	1
00:15	2	0	2	12:15	0	0	0
00:30	1	0	1	12:30	1	0	1
00:45	0	3	0	12:45	3	5	3
01:00	2	2	4	13:00	1	0	1
01:15	0	1	1	13:15	2	0	2
01:30	2	0	2	13:30	2	1	3
01:45	0	4	0	13:45	0	5	0
02:00	0	0	0	14:00	0	0	0
02:15	0	1	1	14:15	0	0	0
02:30	3	0	3	14:30	0	0	0
02:45	2	5	2	14:45	0	0	0
03:00	2	0	2	15:00	3	1	4
03:15	0	0	0	15:15	0	1	1
03:30	1	0	1	15:30	0	0	0
03:45	2	5	2	15:45	0	3	0
04:00	2	1	3	16:00	0	0	0
04:15	3	0	3	16:15	0	0	0
04:30	1	1	2	16:30	0	0	0
04:45	1	7	1	16:45	0	0	0
05:00	3	0	3	17:00	0	0	0
05:15	0	1	1	17:15	0	0	0
05:30	2	1	3	17:30	0	0	0
05:45	1	6	2	17:45	0	0	1
06:00	0	1	1	18:00	0	0	0
06:15	0	1	1	18:15	0	0	0
06:30	1	0	1	18:30	0	0	0
06:45	1	2	2	18:45	0	0	1
07:00	1	0	1	19:00	0	1	1
07:15	0	0	0	19:15	0	0	0
07:30	1	0	1	19:30	0	0	0
07:45	2	4	3	19:45	0	0	1
08:00	3	2	5	20:00	0	0	0
08:15	2	1	3	20:15	0	0	0
08:30	1	3	4	20:30	0	1	1
08:45	2	8	2	20:45	0	0	1
09:00	0	2	2	21:00	0	0	0
09:15	1	0	1	21:15	1	0	1
09:30	0	0	0	21:30	1	1	2
09:45	2	3	4	21:45	1	3	1
10:00	1	0	1	22:00	0	0	0
10:15	2	1	3	22:15	1	1	2
10:30	0	0	0	22:30	1	0	1
10:45	3	6	4	22:45	2	4	2
11:00	1	1	2	23:00	1	0	1
11:15	1	1	2	23:15	0	0	0
11:30	2	1	3	23:30	0	0	0
11:45	0	4	0	23:45	1	2	1
Totals	57	28	85	Totals	22	11	33
Split %	67.1%	32.9%	72.0%	Split %	66.7%	33.3%	28.0%

Daily Totals	Inbound	Outbound	Total
	79	39	118

AM Peak Hour	08:00	07:45	07:45	PM Peak Hour	12:45	21:30	12:45
AM Peak Volume	8	7	15	PM Peak Volume	8	2	9
AM Pk Hr Factor	0.667	0.583	0.750	PM Pk Hr Factor	0.667	0.500	0.750

Prepared by City Count, LLC (www.citycount.com)

ADT Volume Report - Total Vehicles

Wholesale St & S Alameda St Driveway

Day: Thursday, October 26, 2023

City: Los Angeles, CA

Daily Totals	Inbound	Outbound			Total
	476	467			943

AM	In	Out	Total	PM	In	Out	Total
00:00	1	0	1	12:00	11	3	14
00:15	2	0	2	12:15	3	5	8
00:30	1	2	3	12:30	10	7	17
00:45	1	5	2	12:45	3	27	11
01:00	0	0	0	13:00	1	8	9
01:15	1	2	3	13:15	4	9	13
01:30	3	0	3	13:30	4	5	9
01:45	5	9	7	13:45	1	10	4
02:00	4	2	6	14:00	6	3	9
02:15	8	6	14	14:15	3	6	9
02:30	7	5	12	14:30	3	4	7
02:45	4	23	10	14:45	2	14	4
03:00	11	9	20	15:00	3	2	5
03:15	8	8	16	15:15	0	3	3
03:30	9	9	18	15:30	2	3	5
03:45	12	40	17	15:45	1	6	3
04:00	14	5	19	16:00	2	2	4
04:15	7	12	19	16:15	1	0	1
04:30	11	12	23	16:30	0	1	1
04:45	10	42	23	16:45	1	4	4
05:00	13	7	20	17:00	0	2	2
05:15	10	9	19	17:15	0	0	0
05:30	18	14	32	17:30	2	1	3
05:45	15	56	34	17:45	1	3	3
06:00	7	11	18	18:00	0	0	0
06:15	12	13	25	18:15	0	1	1
06:30	13	13	26	18:30	0	0	0
06:45	14	46	24	18:45	0	0	0
07:00	10	15	25	19:00	2	1	3
07:15	9	11	20	19:15	2	0	2
07:30	7	2	9	19:30	4	2	6
07:45	11	37	19	19:45	3	11	4
08:00	14	8	22	20:00	0	1	1
08:15	7	15	22	20:15	0	1	1
08:30	9	6	15	20:30	0	2	2
08:45	17	47	24	20:45	0	0	1
09:00	6	15	21	21:00	0	1	1
09:15	5	9	14	21:15	0	1	1
09:30	6	5	11	21:30	1	2	3
09:45	7	24	12	21:45	2	3	5
10:00	7	4	11	22:00	1	0	1
10:15	9	8	17	22:15	3	0	3
10:30	8	3	11	22:30	2	3	5
10:45	8	32	24	22:45	1	7	1
11:00	5	6	11	23:00	0	0	0
11:15	5	8	13	23:15	0	0	0
11:30	5	10	15	23:30	0	0	0
11:45	11	26	18	23:45	4	4	4
Totals	387	363	750	Totals	89	104	193
Split %	51.6%	48.4%	79.5%	Split %	46.1%	53.9%	20.5%

Daily Totals	Inbound	Outbound			Total
	476	467			943

AM Peak Hour	05:00	05:30	05:30	PM Peak Hour	12:00	12:30	12:30
AM Peak Volume	56	57	109	PM Peak Volume	27	32	50
AM Pk Hr Factor	0.778	0.750	0.801	PM Pk Hr Factor	0.614	0.889	0.735

Prepared by City Count, LLC (www.citycount.com)
ADT Volume Report - Passenger
 Wholesale St & S Alameda St Driveway

Day: Thursday, October 26, 2023

City: Los Angeles, CA

Daily Totals	Inbound	Outbound	Total
	255	275	
			530

AM	In				Out				Total	PM	In				Out				Total				
00:00	0				0				0	12:00	4				2				6				
00:15	1				0				1	12:15	1				2				3				
00:30	0				1				1	12:30	8				3				11				
00:45	0				1				0	2	12:45	2				15				6	13	8	28
01:00	0				0				0	13:00	1				6				7				
01:15	1				1				2	13:15	2				8				10				
01:30	2				0				2	13:30	3				5				8				
01:45	3				6				1	2	13:45	1				7				2	21	3	28
02:00	1				2				3	14:00	4				3				7				
02:15	3				2				5	14:15	2				6				8				
02:30	4				2				6	14:30	1				2				3				
02:45	1				9				3	9	14:45	1				8				0	11	1	19
03:00	5				4				9	15:00	2				2				4				
03:15	5				5				10	15:15	0				1				1				
03:30	7				5				12	15:30	0				3				3				
03:45	7				24				2	16	15:45	1				3				1	7	2	10
04:00	5				2				7	16:00	2				2				4				
04:15	3				5				8	16:15	0				0				0				
04:30	8				8				16	16:30	0				0				0				
04:45	5				21				5	20	16:45	0				2				2	4	2	6
05:00	7				6				13	17:00	0				2				2				
05:15	7				7				14	17:15	0				0				0				
05:30	12				7				19	17:30	1				1				2				
05:45	6				32				10	30	17:45	1				2				2	5	3	7
06:00	5				4				9	18:00	0				0				0				
06:15	6				6				12	18:15	0				1				1				
06:30	5				6				11	18:30	0				0				0				
06:45	9				25				6	22	18:45	0				0				0	1	0	1
07:00	6				10				16	19:00	1				1				2				
07:15	6				6				12	19:15	2				0				2				
07:30	2				1				3	19:30	4				2				6				
07:45	4				18				3	20	19:45	3				10				1	4	4	14
08:00	9				4				13	20:00	0				1				1				
08:15	3				9				12	20:15	0				1				1				
08:30	4				2				6	20:30	0				2				2				
08:45	13				29				4	19	20:45	0				0				1	5	1	5
09:00	2				10				12	21:00	0				1				1				
09:15	2				5				7	21:15	0				1				1				
09:30	2				3				5	21:30	1				2				3				
09:45	2				8				3	21	21:45	2				3				3	7	5	10
10:00	3				1				4	22:00	1				0				1				
10:15	5				2				7	22:15	3				0				3				
10:30	2				2				4	22:30	1				3				4				
10:45	4				14				11	16	22:45	1				6				0	3	1	9
11:00	1				4				5	23:00	0				0				0				
11:15	2				6				8	23:15	0				0				0				
11:30	1				5				6	23:30	0				0				0				
11:45	6				10				3	18	23:45	2				2				0	0	2	2
Totals	197				194				391	Totals	58				81				139				
Split %	50.4%				49.6%				73.8%	Split %	41.7%				58.3%				26.2%				

Daily Totals	Inbound	Outbound	Total
	255	275	
			530

AM Peak Hour	05:00	05:00	05:00	PM Peak Hour	12:00	12:45	12:30
AM Peak Volume	32	30	62	PM Peak Volume	15	25	36
AM Pk Hr Factor	0.667	0.750	0.816	PM Pk Hr Factor	0.469	0.781	0.818

Prepared by City Count, LLC (www.citycount.com)
ADT Volume Report - Light Truck
 Wholesale St & S Alameda St Driveway

Day: Thursday, October 26, 2023

City: Los Angeles, CA

Daily Totals	Inbound	Outbound	Total
	152	150	

AM	In	Out	Total	PM	In	Out	Total
00:00	0	0	0	12:00	2	1	3
00:15	0	0	0	12:15	2	2	4
00:30	0	0	0	12:30	2	2	4
00:45	0	0	0	12:45	0	6	12
01:00	0	0	0	13:00	0	0	0
01:15	0	0	0	13:15	1	0	1
01:30	0	0	0	13:30	1	0	1
01:45	1	1	1	13:45	0	2	2
02:00	2	0	2	14:00	1	0	1
02:15	3	3	6	14:15	1	0	1
02:30	1	2	3	14:30	2	1	3
02:45	3	9	5	14:45	1	5	7
03:00	2	4	6	15:00	1	0	1
03:15	2	2	4	15:15	0	0	0
03:30	2	4	6	15:30	1	0	1
03:45	2	8	5	15:45	0	2	3
04:00	7	3	10	16:00	0	0	0
04:15	3	6	9	16:15	1	0	1
04:30	3	4	7	16:30	0	0	0
04:45	4	17	12	16:45	0	1	2
05:00	4	1	5	17:00	0	0	0
05:15	3	2	5	17:15	0	0	0
05:30	5	5	10	17:30	0	0	0
05:45	7	19	16	17:45	0	0	0
06:00	2	7	9	18:00	0	0	0
06:15	6	4	10	18:15	0	0	0
06:30	7	7	14	18:30	0	0	0
06:45	4	19	8	18:45	0	0	0
07:00	3	5	8	19:00	0	0	0
07:15	3	5	8	19:15	0	0	0
07:30	5	1	6	19:30	0	0	0
07:45	6	17	11	19:45	0	0	0
08:00	1	4	5	20:00	0	0	0
08:15	4	6	10	20:15	0	0	0
08:30	3	2	5	20:30	0	0	0
08:45	3	11	5	20:45	0	0	0
09:00	2	5	7	21:00	0	0	0
09:15	1	4	5	21:15	0	0	0
09:30	4	2	6	21:30	0	0	0
09:45	5	12	6	21:45	0	0	0
10:00	3	1	4	22:00	0	0	0
10:15	2	4	6	22:15	0	0	0
10:30	6	1	7	22:30	0	0	0
10:45	3	14	7	22:45	0	0	0
11:00	3	1	4	23:00	0	0	0
11:15	2	1	3	23:15	0	0	0
11:30	3	4	7	23:30	0	0	0
11:45	1	9	3	23:45	0	0	0
Totals	136	140	276	Totals	16	10	26
Split %	49.3%	50.7%	91.4%	Split %	61.5%	38.5%	8.6%

Daily Totals	Inbound	Outbound	Total
	152	150	

AM Peak Hour	05:45	05:45	05:45	PM Peak Hour	12:00	12:00	12:00
AM Peak Volume	22	27	49	PM Peak Volume	6	6	12
AM Pk Hr Factor	0.786	0.750	0.766	PM Pk Hr Factor	0.750	0.750	0.750

Prepared by City Count, LLC (www.citycount.com)
ADT Volume Report - Heavy Truck
 Wholesale St & S Alameda St Driveway

Day: Thursday, October 26, 2023

City: Los Angeles, CA

Daily Totals	Inbound	Outbound	Total
	69	42	111

AM	In	Out	Total	PM	In	Out	Total
00:00	1	0	1	12:00	5	0	5
00:15	1	0	1	12:15	0	1	1
00:30	1	1	2	12:30	0	2	2
00:45	1	4	2	12:45	1	6	2
01:00	0	0	0	13:00	0	2	2
01:15	0	1	1	13:15	1	1	2
01:30	1	0	1	13:30	0	0	0
01:45	1	2	2	13:45	0	1	1
02:00	1	0	1	14:00	1	0	1
02:15	2	1	3	14:15	0	0	0
02:30	2	1	3	14:30	0	1	1
02:45	0	5	1	14:45	0	1	1
03:00	4	1	5	15:00	0	0	0
03:15	1	1	2	15:15	0	2	2
03:30	0	0	0	15:30	1	0	1
03:45	3	8	3	15:45	0	1	0
04:00	2	0	2	16:00	0	0	0
04:15	1	1	2	16:15	0	0	0
04:30	0	0	0	16:30	0	1	1
04:45	1	4	1	16:45	1	1	1
05:00	2	0	2	17:00	0	0	0
05:15	0	0	0	17:15	0	0	0
05:30	1	2	3	17:30	1	0	1
05:45	2	5	2	17:45	0	1	0
06:00	0	0	0	18:00	0	0	0
06:15	0	3	3	18:15	0	0	0
06:30	1	0	1	18:30	0	0	0
06:45	1	2	1	18:45	0	0	0
07:00	1	0	1	19:00	1	0	1
07:15	0	0	0	19:15	0	0	0
07:30	0	0	0	19:30	0	0	0
07:45	1	2	1	19:45	0	1	0
08:00	4	0	4	20:00	0	0	0
08:15	0	0	0	20:15	0	0	0
08:30	2	2	4	20:30	0	0	0
08:45	1	7	2	20:45	0	0	0
09:00	2	0	2	21:00	0	0	0
09:15	2	0	2	21:15	0	0	0
09:30	0	0	0	21:30	0	0	0
09:45	0	4	1	21:45	0	0	0
10:00	1	2	3	22:00	0	0	0
10:15	2	2	4	22:15	0	0	0
10:30	0	0	0	22:30	1	0	1
10:45	1	4	2	22:45	0	1	0
11:00	1	1	2	23:00	0	0	0
11:15	1	1	2	23:15	0	0	0
11:30	1	1	2	23:30	0	0	0
11:45	4	7	6	23:45	2	2	2
Totals	54	29	83	Totals	15	13	28
Split %	65.1%	34.9%	74.8%	Split %	53.6%	46.4%	25.2%

Daily Totals	Inbound	Outbound	Total
	69	42	111

AM Peak Hour	03:00	11:00	11:00	PM Peak Hour	12:00	12:30	12:00
AM Peak Volume	8	5	12	PM Peak Volume	6	6	10
AM Pk Hr Factor	0.500	0.625	0.500	PM Pk Hr Factor	0.300	0.750	0.500

Prepared by City Count, LLC (www.citycount.com)

ADT Volume Report - Total Vehicles

Wholesale St & S Alameda St Driveway

Day: Wednesday, November 1, 2023

City: Los Angeles, CA

Daily Totals	Inbound	Outbound			Total
	527	460			987

AM	In	Out	Total	PM	In	Out	Total
00:00	3	0	3	12:00	7	4	11
00:15	0	3	3	12:15	2	4	6
00:30	4	2	6	12:30	9	10	19
00:45	3	10	5	12:45	8	26	18
01:00	4	1	5	13:00	2	7	9
01:15	3	0	3	13:15	2	5	7
01:30	4	1	5	13:30	3	3	6
01:45	8	19	12	13:45	2	9	5
02:00	3	3	6	14:00	6	2	8
02:15	4	8	12	14:15	0	3	3
02:30	7	2	9	14:30	2	3	5
02:45	10	24	18	14:45	0	8	2
03:00	12	8	20	15:00	1	3	4
03:15	9	9	18	15:15	2	1	3
03:30	17	9	26	15:30	2	0	2
03:45	13	51	22	15:45	4	9	7
04:00	17	11	28	16:00	0	1	1
04:15	13	13	26	16:15	1	0	1
04:30	10	11	21	16:30	1	6	7
04:45	12	52	24	16:45	2	4	4
05:00	13	5	18	17:00	2	1	3
05:15	13	11	24	17:15	2	3	5
05:30	14	19	33	17:30	1	0	1
05:45	12	52	27	17:45	1	6	1
06:00	9	9	18	18:00	1	2	3
06:15	11	8	19	18:15	0	1	1
06:30	12	10	22	18:30	1	0	1
06:45	16	48	26	18:45	0	2	1
07:00	14	12	26	19:00	1	0	1
07:15	15	9	24	19:15	2	1	3
07:30	12	13	25	19:30	4	2	6
07:45	12	53	24	19:45	5	12	7
08:00	4	6	10	20:00	0	0	0
08:15	8	7	15	20:15	1	0	1
08:30	3	6	9	20:30	1	3	4
08:45	10	25	16	20:45	1	3	2
09:00	15	9	24	21:00	1	1	2
09:15	6	7	13	21:15	1	0	1
09:30	10	9	19	21:30	1	3	4
09:45	6	37	13	21:45	1	4	2
10:00	12	6	18	22:00	1	0	1
10:15	5	11	16	22:15	2	0	2
10:30	9	2	11	22:30	3	1	4
10:45	12	38	19	22:45	1	7	1
11:00	7	13	20	23:00	1	1	2
11:15	4	8	12	23:15	2	0	2
11:30	6	8	14	23:30	2	2	4
11:45	5	22	6	23:45	1	6	1
Totals	431	362	793	Totals	96	98	194
Split %	54.4%	45.6%	80.3%	Split %	49.5%	50.5%	19.7%

Daily Totals	Inbound	Outbound			Total
	527	460			987

AM Peak Hour	03:30	05:15	05:15	PM Peak Hour	12:00	12:30	12:00
AM Peak Volume	60	54	102	PM Peak Volume	26	32	54
AM Pk Hr Factor	0.882	0.711	0.773	PM Pk Hr Factor	0.722	0.800	0.711

Prepared by City Count, LLC (www.citycount.com)
ADT Volume Report - Passenger
 Wholesale St & S Alameda St Driveway

Day: Wednesday, November 1, 2023

City: Los Angeles, CA

Daily Totals	Inbound	Outbound			Total
	265	244			509

AM	In	Out	Total	PM	In	Out	Total
00:00	2	0	2	12:00	5	2	7
00:15	0	1	1	12:15	0	2	2
00:30	3	2	5	12:30	6	8	14
00:45	2	7	4	12:45	4	15	13
01:00	2	0	2	13:00	1	3	4
01:15	1	0	1	13:15	1	5	6
01:30	2	1	3	13:30	1	2	3
01:45	3	8	5	13:45	1	4	2
02:00	1	2	3	14:00	3	1	4
02:15	0	0	0	14:15	0	2	2
02:30	2	0	2	14:30	1	3	4
02:45	4	7	9	14:45	0	4	1
03:00	4	2	6	15:00	1	3	4
03:15	4	2	6	15:15	0	0	0
03:30	11	4	15	15:30	0	0	0
03:45	5	24	10	15:45	2	3	5
04:00	4	5	9	16:00	0	1	1
04:15	3	5	8	16:15	0	0	0
04:30	7	3	10	16:30	0	4	4
04:45	8	22	12	16:45	0	0	0
05:00	6	2	8	17:00	1	0	1
05:15	9	5	14	17:15	1	2	3
05:30	6	10	16	17:30	0	0	0
05:45	8	29	15	17:45	1	3	1
06:00	2	5	7	18:00	1	0	1
06:15	6	5	11	18:15	0	1	1
06:30	4	4	8	18:30	1	0	1
06:45	6	18	8	18:45	0	2	0
07:00	4	5	9	19:00	1	0	1
07:15	9	6	15	19:15	2	0	2
07:30	8	5	13	19:30	4	2	6
07:45	9	30	17	19:45	5	12	7
08:00	2	5	7	20:00	0	0	0
08:15	6	4	10	20:15	1	0	1
08:30	1	2	3	20:30	1	3	4
08:45	3	12	6	20:45	1	3	2
09:00	11	6	17	21:00	1	1	2
09:15	4	5	9	21:15	1	0	1
09:30	3	5	8	21:30	1	3	4
09:45	3	21	7	21:45	1	4	2
10:00	6	5	11	22:00	1	0	1
10:15	4	4	8	22:15	2	0	2
10:30	4	1	5	22:30	2	1	3
10:45	5	19	10	22:45	1	6	1
11:00	2	8	10	23:00	0	1	1
11:15	2	3	5	23:15	2	0	2
11:30	3	5	8	23:30	1	1	2
11:45	1	8	2	23:45	1	4	1
Totals	205	175	380	Totals	60	69	129
Split %	53.9%	46.1%	74.7%	Split %	46.5%	53.5%	25.3%

Daily Totals	Inbound	Outbound			Total
	265	244			509

AM Peak Hour	07:00	05:30	07:00	PM Peak Hour	12:00	12:30	12:30
AM Peak Volume	30	27	54	PM Peak Volume	15	25	37
AM Pk Hr Factor	0.833	0.675	0.794	PM Pk Hr Factor	0.625	0.694	0.661

Prepared by City Count, LLC (www.citycount.com)
ADT Volume Report - Light Truck
 Wholesale St & S Alameda St Driveway

Day: Wednesday, November 1, 2023

City: Los Angeles, CA

Daily Totals	Inbound	Outbound	Total
	194	175	

AM	In	Out	Total	PM	In	Out	Total
00:00	0	0	0	12:00	2	2	4
00:15	0	1	1	12:15	2	2	4
00:30	0	0	0	12:30	1	1	2
00:45	0	0	0	12:45	2	7	3
01:00	2	1	3	13:00	0	2	2
01:15	0	0	0	13:15	0	0	0
01:30	0	0	0	13:30	0	1	1
01:45	3	5	4	13:45	0	0	0
02:00	1	1	2	14:00	2	0	2
02:15	2	4	6	14:15	0	0	0
02:30	3	2	5	14:30	0	0	0
02:45	4	10	7	14:45	0	2	1
03:00	4	6	10	15:00	0	0	0
03:15	4	7	11	15:15	1	0	1
03:30	6	3	9	15:30	1	0	1
03:45	8	22	11	15:45	2	4	2
04:00	10	5	15	16:00	0	0	0
04:15	6	8	14	16:15	1	0	1
04:30	3	7	10	16:30	1	2	3
04:45	4	23	11	16:45	2	4	2
05:00	6	3	9	17:00	1	1	2
05:15	3	6	9	17:15	1	0	1
05:30	8	9	17	17:30	0	0	0
05:45	4	21	11	17:45	0	2	0
06:00	6	4	10	18:00	0	1	1
06:15	2	3	5	18:15	0	0	0
06:30	7	5	12	18:30	0	0	0
06:45	8	23	13	18:45	0	0	0
07:00	10	6	16	19:00	0	0	0
07:15	6	3	9	19:15	0	0	0
07:30	4	8	12	19:30	0	0	0
07:45	2	22	5	19:45	0	0	0
08:00	2	1	3	20:00	0	0	0
08:15	0	3	3	20:15	0	0	0
08:30	2	4	6	20:30	0	0	0
08:45	6	10	9	20:45	0	0	0
09:00	4	3	7	21:00	0	0	0
09:15	2	2	4	21:15	0	0	0
09:30	7	4	11	21:30	0	0	0
09:45	3	16	5	21:45	0	0	0
10:00	3	1	4	22:00	0	0	0
10:15	1	6	7	22:15	0	0	0
10:30	3	1	4	22:30	0	0	0
10:45	5	12	7	22:45	0	0	0
11:00	4	5	9	23:00	0	0	0
11:15	1	2	3	23:15	0	0	0
11:30	2	1	3	23:30	0	0	0
11:45	4	11	4	23:45	0	0	0
Totals	175	161	336	Totals	19	14	33
Split %	52.1%	47.9%	91.1%	Split %	57.6%	42.4%	8.9%

Daily Totals	Inbound	Outbound	Total
	194	175	

AM Peak Hour	06:30	04:00	06:45	PM Peak Hour	12:00	12:15	12:00
AM Peak Volume	31	27	50	PM Peak Volume	7	6	13
AM Pk Hr Factor	0.775	0.844	0.781	PM Pk Hr Factor	0.875	0.750	0.813

Prepared by City Count, LLC (www.citycount.com)
ADT Volume Report - Heavy Truck
 Wholesale St & S Alameda St Driveway

Day: Wednesday, November 1, 2023

City: Los Angeles, CA

Daily Totals	Inbound	Outbound	Total
	68	41	

AM	In	Out	Total	PM	In	Out	Total
00:00	1	0	1	12:00	0	0	0
00:15	0	1	1	12:15	0	0	0
00:30	1	0	1	12:30	2	1	3
00:45	1	3	4	12:45	2	4	6
01:00	0	0	0	13:00	1	2	3
01:15	2	0	2	13:15	1	0	1
01:30	2	0	2	13:30	2	0	2
01:45	2	6	8	13:45	1	5	6
02:00	1	0	1	14:00	1	1	2
02:15	2	4	6	14:15	0	1	1
02:30	2	0	2	14:30	1	0	1
02:45	2	7	9	14:45	0	2	2
03:00	4	0	4	15:00	0	0	0
03:15	1	0	1	15:15	1	1	2
03:30	0	2	2	15:30	1	0	1
03:45	0	5	5	15:45	0	2	2
04:00	3	1	4	16:00	0	0	0
04:15	4	0	4	16:15	0	0	0
04:30	0	1	1	16:30	0	0	0
04:45	0	7	7	16:45	0	0	0
05:00	1	0	1	17:00	0	0	0
05:15	1	0	1	17:15	0	1	1
05:30	0	0	0	17:30	1	0	1
05:45	0	2	2	17:45	0	1	1
06:00	1	0	1	18:00	0	1	1
06:15	3	0	3	18:15	0	0	0
06:30	1	1	2	18:30	0	0	0
06:45	2	7	9	18:45	0	0	0
07:00	0	1	1	19:00	0	0	0
07:15	0	0	0	19:15	0	1	1
07:30	0	0	0	19:30	0	0	0
07:45	1	1	2	19:45	0	0	0
08:00	0	0	0	20:00	0	0	0
08:15	2	0	2	20:15	0	0	0
08:30	0	0	0	20:30	0	0	0
08:45	1	3	4	20:45	0	0	0
09:00	0	0	0	21:00	0	0	0
09:15	0	0	0	21:15	0	0	0
09:30	0	0	0	21:30	0	0	0
09:45	0	0	0	21:45	0	0	0
10:00	3	0	3	22:00	0	0	0
10:15	0	1	1	22:15	0	0	0
10:30	2	0	2	22:30	1	0	1
10:45	2	7	9	22:45	0	1	1
11:00	1	0	1	23:00	1	0	1
11:15	1	3	4	23:15	0	0	0
11:30	1	2	3	23:30	1	1	2
11:45	0	3	3	23:45	0	2	2
Totals	51	26	77	Totals	17	15	32
Split %	66.2%	33.8%	70.6%	Split %	53.1%	46.9%	29.4%

Daily Totals	Inbound	Outbound	Total
	68	41	

AM Peak Hour	02:15	11:00	02:15	PM Peak Hour	12:45	13:45	13:00
AM Peak Volume	10	5	14	PM Peak Volume	6	4	9
AM Pk Hr Factor	0.625	0.417	0.583	PM Pk Hr Factor	0.750	0.500	0.750

Prepared by City Count, LLC (www.citycount.com)

ADT Volume Report - Total Vehicles

Wholesale St & S Alameda St Driveway

Day: Thursday, October 26, 2023

City: Los Angeles, CA

Daily Totals	Inbound	Outbound			Total
	476	467			943

AM	In	Out	Total	PM	In	Out	Total
00:00	1	0	1	12:00	11	3	14
00:15	2	0	2	12:15	3	5	8
00:30	1	2	3	12:30	10	7	17
00:45	1	5	2	12:45	3	27	11
01:00	0	0	0	13:00	1	8	9
01:15	1	2	3	13:15	4	9	13
01:30	3	0	3	13:30	4	5	9
01:45	5	9	7	13:45	1	10	4
02:00	4	2	6	14:00	6	3	9
02:15	8	6	14	14:15	3	6	9
02:30	7	5	12	14:30	3	4	7
02:45	4	23	10	14:45	2	14	4
03:00	11	9	20	15:00	3	2	5
03:15	8	8	16	15:15	0	3	3
03:30	9	9	18	15:30	2	3	5
03:45	12	40	17	15:45	1	6	3
04:00	14	5	19	16:00	2	2	4
04:15	7	12	19	16:15	1	0	1
04:30	11	12	23	16:30	0	1	1
04:45	10	42	23	16:45	1	4	4
05:00	13	7	20	17:00	0	2	2
05:15	10	9	19	17:15	0	0	0
05:30	18	14	32	17:30	2	1	3
05:45	15	56	34	17:45	1	3	3
06:00	7	11	18	18:00	0	0	0
06:15	12	13	25	18:15	0	1	1
06:30	13	13	26	18:30	0	0	0
06:45	14	46	24	18:45	0	0	0
07:00	10	15	25	19:00	2	1	3
07:15	9	11	20	19:15	2	0	2
07:30	7	2	9	19:30	4	2	6
07:45	11	37	19	19:45	3	11	4
08:00	14	8	22	20:00	0	1	1
08:15	7	15	22	20:15	0	1	1
08:30	9	6	15	20:30	0	2	2
08:45	17	47	24	20:45	0	0	1
09:00	6	15	21	21:00	0	1	1
09:15	5	9	14	21:15	0	1	1
09:30	6	5	11	21:30	1	2	3
09:45	7	24	12	21:45	2	3	5
10:00	7	4	11	22:00	1	0	1
10:15	9	8	17	22:15	3	0	3
10:30	8	3	11	22:30	2	3	5
10:45	8	32	24	22:45	1	7	1
11:00	5	6	11	23:00	0	0	0
11:15	5	8	13	23:15	0	0	0
11:30	5	10	15	23:30	0	0	0
11:45	11	26	18	23:45	4	4	4
Totals	387	363	750	Totals	89	104	193
Split %	51.6%	48.4%	79.5%	Split %	46.1%	53.9%	20.5%

Daily Totals	Inbound	Outbound			Total
	476	467			943

AM Peak Hour	05:00	05:30	05:30	PM Peak Hour	12:00	12:30	12:30
AM Peak Volume	56	57	109	PM Peak Volume	27	32	50
AM Pk Hr Factor	0.778	0.750	0.801	PM Pk Hr Factor	0.614	0.889	0.735

Prepared by City Count, LLC (www.citycount.com)
ADT Volume Report - Passenger
 Wholesale St & S Alameda St Driveway

Day: Thursday, October 26, 2023

City: Los Angeles, CA

Daily Totals	Inbound	Outbound	Total
	255	275	
			530

AM	In				Out				Total		PM	In				Out				Total									
00:00	0				0				0		12:00	4				2				6									
00:15	1				0				1		12:15	1				2				3									
00:30	0				1				1		12:30	8				3				11									
00:45	0				1				0		12:45	2				15				6				8		28			
01:00	0				0				0		13:00	1				6				7									
01:15	1				1				2		13:15	2				8				10									
01:30	2				0				2		13:30	3				5				8									
01:45	3				6				1		13:45	1				7				2				3		28			
02:00	1				2				3		14:00	4				3				7									
02:15	3				2				5		14:15	2				6				8									
02:30	4				2				6		14:30	1				2				3									
02:45	1				9				3		14:45	1				8				0				11		1		19	
03:00	5				4				9		15:00	2				2				4									
03:15	5				5				10		15:15	0				1				1									
03:30	7				5				12		15:30	0				3				3									
03:45	7				24				2		15:45	1				3				1				7		2		10	
04:00	5				2				7		16:00	2				2				4									
04:15	3				5				8		16:15	0				0				0									
04:30	8				8				16		16:30	0				0				0									
04:45	5				21				5		16:45	0				2				2				4		2		6	
05:00	7				6				13		17:00	0				2				2									
05:15	7				7				14		17:15	0				0				0									
05:30	12				7				19		17:30	1				1				2									
05:45	6				32				10		17:45	1				2				2				5		3		7	
06:00	5				4				9		18:00	0				0				0									
06:15	6				6				12		18:15	0				1				1									
06:30	5				6				11		18:30	0				0				0									
06:45	9				25				6		18:45	0				0				0				1		0		1	
07:00	6				10				16		19:00	1				1				2									
07:15	6				6				12		19:15	2				0				2									
07:30	2				1				3		19:30	4				2				6									
07:45	4				18				3		19:45	3				10				1				4		4		14	
08:00	9				4				13		20:00	0				1				1									
08:15	3				9				12		20:15	0				1				1									
08:30	4				2				6		20:30	0				2				2									
08:45	13				29				4		20:45	0				0				1				5		1		5	
09:00	2				10				12		21:00	0				1				1									
09:15	2				5				7		21:15	0				1				1									
09:30	2				3				5		21:30	1				2				3									
09:45	2				8				3		21:45	2				3				3				7		5		10	
10:00	3				1				4		22:00	1				0				1									
10:15	5				2				7		22:15	3				0				3									
10:30	2				2				4		22:30	1				3				4									
10:45	4				14				11		22:45	1				6				0				3		1		9	
11:00	1				4				5		23:00	0				0				0									
11:15	2				6				8		23:15	0				0				0									
11:30	1				5				6		23:30	0				0				0									
11:45	6				10				3		23:45	2				2				0				0		2		2	
Totals	197				194				391		Totals	58				81				139									
Split %	50.4%				49.6%				73.8%		Split %	41.7%				58.3%				26.2%									

Daily Totals	Inbound	Outbound	Total
	255	275	
			530

AM Peak Hour	05:00	05:00	05:00	PM Peak Hour	12:00	12:45	12:30
AM Peak Volume	32	30	62	PM Peak Volume	15	25	36
AM Pk Hr Factor	0.667	0.750	0.816	PM Pk Hr Factor	0.469	0.781	0.818

Prepared by City Count, LLC (www.citycount.com)
ADT Volume Report - Light Truck
 Wholesale St & S Alameda St Driveway

Day: Thursday, October 26, 2023

City: Los Angeles, CA

Daily Totals	Inbound		Outbound		Total
	152		150		302

AM	In	Out		Total	PM	In	Out		Total
00:00	0	0		0	12:00	2	1		3
00:15	0	0		0	12:15	2	2		4
00:30	0	0		0	12:30	2	2		4
00:45	0	0	0	0	12:45	0	6	1	6
01:00	0	0		0	13:00	0	0		0
01:15	0	0		0	13:15	1	0		1
01:30	0	0		0	13:30	1	0		1
01:45	1	1	0	0	13:45	0	2	0	0
02:00	2	0		2	14:00	1	0		1
02:15	3	3		6	14:15	1	0		1
02:30	1	2		3	14:30	2	1		3
02:45	3	9	2	7	14:45	1	5	1	2
03:00	2	4		6	15:00	1	0		1
03:15	2	2		4	15:15	0	0		0
03:30	2	4		6	15:30	1	0		1
03:45	2	8	3	13	15:45	0	2	1	1
04:00	7	3		10	16:00	0	0		0
04:15	3	6		9	16:15	1	0		1
04:30	3	4		7	16:30	0	0		0
04:45	4	17	8	21	16:45	0	1	1	1
05:00	4	1		5	17:00	0	0		0
05:15	3	2		5	17:15	0	0		0
05:30	5	5		10	17:30	0	0		0
05:45	7	19	9	17	17:45	0	0	0	0
06:00	2	7		9	18:00	0	0		0
06:15	6	4		10	18:15	0	0		0
06:30	7	7		14	18:30	0	0		0
06:45	4	19	4	22	18:45	0	0	0	0
07:00	3	5		8	19:00	0	0		0
07:15	3	5		8	19:15	0	0		0
07:30	5	1		6	19:30	0	0		0
07:45	6	17	5	16	19:45	0	0	0	0
08:00	1	4		5	20:00	0	0		0
08:15	4	6		10	20:15	0	0		0
08:30	3	2		5	20:30	0	0		0
08:45	3	11	2	14	20:45	0	0	0	0
09:00	2	5		7	21:00	0	0		0
09:15	1	4		5	21:15	0	0		0
09:30	4	2		6	21:30	0	0		0
09:45	5	12	1	12	21:45	0	0	0	0
10:00	3	1		4	22:00	0	0		0
10:15	2	4		6	22:15	0	0		0
10:30	6	1		7	22:30	0	0		0
10:45	3	14	4	10	22:45	0	0	0	0
11:00	3	1		4	23:00	0	0		0
11:15	2	1		3	23:15	0	0		0
11:30	3	4		7	23:30	0	0		0
11:45	1	9	2	8	23:45	0	0	0	0
Totals	136	140		276	Totals	16	10		26
Split %	49.3%	50.7%		91.4%	Split %	61.5%	38.5%		8.6%

Daily Totals	Inbound		Outbound		Total
	152		150		302

AM Peak Hour	05:45	05:45	05:45	PM Peak Hour	12:00	12:00	12:00
AM Peak Volume	22	27	49	PM Peak Volume	6	6	12
AM Pk Hr Factor	0.786	0.750	0.766	PM Pk Hr Factor	0.750	0.750	0.750

Prepared by City Count, LLC (www.citycount.com)

ADT Volume Report - Heavy Truck

Wholesale St & S Alameda St Driveway

Day: Thursday, October 26, 2023

City: Los Angeles, CA

Daily Totals	Inbound	Outbound	Total
	69	42	
			111

AM	In	Out	Total	PM	In	Out	Total
00:00	1	0	1	12:00	5	0	5
00:15	1	0	1	12:15	0	1	1
00:30	1	1	2	12:30	0	2	2
00:45	1	4	2	12:45	1	6	2
01:00	0	0	0	13:00	0	2	2
01:15	0	1	1	13:15	1	1	2
01:30	1	0	1	13:30	0	0	0
01:45	1	2	2	13:45	0	1	1
02:00	1	0	1	14:00	1	0	1
02:15	2	1	3	14:15	0	0	0
02:30	2	1	3	14:30	0	1	1
02:45	0	5	1	14:45	0	1	1
03:00	4	1	5	15:00	0	0	0
03:15	1	1	2	15:15	0	2	2
03:30	0	0	0	15:30	1	0	1
03:45	3	8	3	15:45	0	1	0
04:00	2	0	2	16:00	0	0	0
04:15	1	1	2	16:15	0	0	0
04:30	0	0	0	16:30	0	1	1
04:45	1	4	1	16:45	1	1	1
05:00	2	0	2	17:00	0	0	0
05:15	0	0	0	17:15	0	0	0
05:30	1	2	3	17:30	1	0	1
05:45	2	5	2	17:45	0	1	0
06:00	0	0	0	18:00	0	0	0
06:15	0	3	3	18:15	0	0	0
06:30	1	0	1	18:30	0	0	0
06:45	1	2	1	18:45	0	0	0
07:00	1	0	1	19:00	1	0	1
07:15	0	0	0	19:15	0	0	0
07:30	0	0	0	19:30	0	0	0
07:45	1	2	1	19:45	0	1	0
08:00	4	0	4	20:00	0	0	0
08:15	0	0	0	20:15	0	0	0
08:30	2	2	4	20:30	0	0	0
08:45	1	7	2	20:45	0	0	0
09:00	2	0	2	21:00	0	0	0
09:15	2	0	2	21:15	0	0	0
09:30	0	0	0	21:30	0	0	0
09:45	0	4	1	21:45	0	0	0
10:00	1	2	3	22:00	0	0	0
10:15	2	2	4	22:15	0	0	0
10:30	0	0	0	22:30	1	0	1
10:45	1	4	2	22:45	0	1	0
11:00	1	1	2	23:00	0	0	0
11:15	1	1	2	23:15	0	0	0
11:30	1	1	2	23:30	0	0	0
11:45	4	7	6	23:45	2	2	2
Totals	54	29	83	Totals	15	13	28
Split %	65.1%	34.9%	74.8%	Split %	53.6%	46.4%	25.2%

Daily Totals	Inbound	Outbound	Total
	69	42	
			111

AM Peak Hour	03:00	11:00	11:00	PM Peak Hour	12:00	12:30	12:00
AM Peak Volume	8	5	12	PM Peak Volume	6	6	10
AM Pk Hr Factor	0.500	0.625	0.500	PM Pk Hr Factor	0.300	0.750	0.500

Prepared by City Count, LLC (www.citycount.com)

ADT Volume Report - Total Vehicles

Wholesale St & S Alameda St Driveway

Day: Friday, October 27, 2023

City: Los Angeles, CA

Daily Totals					Inbound		Outbound							Total	
					581		523							1104	
AM	In		Out			Total		PM	In		Out			Total	
00:00	2		1			3		12:00	5		3			8	
00:15	3		3			6		12:15	5		5			10	
00:30	6		1			7		12:30	12		10			22	
00:45	5	16	0	5		5	21	12:45	6	28	3	21		9	49
01:00	6		2			8		13:00	3		8			11	
01:15	1		6			7		13:15	3		9			12	
01:30	4		2			6		13:30	2		1			3	
01:45	5	16	5	15		10	31	13:45	6	14	7	25		13	39
02:00	7		5			12		14:00	2		1			3	
02:15	7		2			9		14:15	3		2			5	
02:30	3		9			12		14:30	0		3			3	
02:45	6	23	5	21		11	44	14:45	1	6	3	9		4	15
03:00	11		9			20		15:00	1		2			3	
03:15	6		7			13		15:15	3		0			3	
03:30	17		12			29		15:30	2		5			7	
03:45	13	47	7	35		20	82	15:45	3	9	1	8		4	17
04:00	12		6			18		16:00	5		1			6	
04:15	13		5			18		16:15	1		1			2	
04:30	16		14			30		16:30	3		4			7	
04:45	24	65	15	40		39	105	16:45	1	10	3	9		4	19
05:00	14		17			31		17:00	0		1			1	
05:15	18		23			41		17:15	0		1			1	
05:30	12		12			24		17:30	2		1			3	
05:45	17	61	16	68		33	129	17:45	1	3	0	3		1	6
06:00	6		10			16		18:00	0		0			0	
06:15	21		10			31		18:15	1		1			2	
06:30	10		14			24		18:30	0		1			1	
06:45	15	52	14	48		29	100	18:45	1	2	1	3		2	5
07:00	12		17			29		19:00	2		3			5	
07:15	9		11			20		19:15	5		0			5	
07:30	17		9			26		19:30	3		1			4	
07:45	8	46	12	49		20	95	19:45	3	13	4	8		7	21
08:00	11		5			16		20:00	0		1			1	
08:15	8		11			19		20:15	1		3			4	
08:30	17		9			26		20:30	0		1			1	
08:45	13	49	17	42		30	91	20:45	0	1	1	6		1	7
09:00	12		17			29		21:00	4		1			5	
09:15	7		4			11		21:15	0		5			5	
09:30	13		8			21		21:30	1		1			2	
09:45	11	43	6	35		17	78	21:45	1	6	2	9		3	15
10:00	6		6			12		22:00	4		1			5	
10:15	4		8			12		22:15	2		0			2	
10:30	7		5			12		22:30	3		2			5	
10:45	6	23	7	26		13	49	22:45	0	9	0	3		0	12
11:00	7		5			12		23:00	0		0			0	
11:15	14		9			23		23:15	0		1			1	
11:30	11		10			21		23:30	0		1			1	
11:45	6	38	8	32		14	70	23:45	1	1	1	3		2	4
Totals	479		416			895		Totals	102		107			209	
Split %	53.5%		46.5%			81.1%		Split %	48.8%		51.2%			18.9%	

Daily Totals		Inbound		Outbound		Total	
		581		523		1104	
AM Peak Hour	04:30	04:30		04:30	PM Peak Hour	12:00	12:30
AM Peak Volume	72	69		141	PM Peak Volume	28	30
AM Pk Hr Factor	0.750	0.750		0.860	PM Pk Hr Factor	0.583	0.750
							0.614

Prepared by City Count, LLC (www.citycount.com)
ADT Volume Report - Passenger
 Wholesale St & S Alameda St Driveway

Day: Friday, October 27, 2023

City: Los Angeles, CA

Daily Totals	Inbound	Outbound			Total
	290	275			565

AM	In	Out		Total	PM	In	Out		Total		
00:00	0	0		0	12:00	2	1		3		
00:15	2	2		4	12:15	2	5		7		
00:30	1	0		1	12:30	8	9		17		
00:45	2	5	0	2	12:45	2	14	2	17	4	31
01:00	0	0		0	13:00	0	7		7		
01:15	0	0		0	13:15	1	8		9		
01:30	2	0		2	13:30	0	1		1		
01:45	3	5	2	2	13:45	4	5	6	22	10	27
02:00	3	1		4	14:00	1	1		2		
02:15	2	0		2	14:15	1	1		2		
02:30	0	2		2	14:30	0	2		2		
02:45	3	8	3	6	14:45	1	3	2	6	3	9
03:00	4	5		9	15:00	1	2		3		
03:15	4	3		7	15:15	2	0		2		
03:30	7	2		9	15:30	1	2		3		
03:45	5	20	2	12	15:45	0	4	0	4	0	8
04:00	4	2		6	16:00	3	0		3		
04:15	5	1		6	16:15	1	1		2		
04:30	7	3		10	16:30	1	2		3		
04:45	13	29	8	14	16:45	1	6	2	5	3	11
05:00	7	7		14	17:00	0	1		1		
05:15	9	12		21	17:15	0	1		1		
05:30	8	4		12	17:30	2	1		3		
05:45	11	35	6	29	17:45	1	3	0	3	1	6
06:00	4	6		10	18:00	0	0		0		
06:15	13	6		19	18:15	1	1		2		
06:30	5	7		12	18:30	0	1		1		
06:45	6	28	9	28	18:45	1	2	0	2	1	4
07:00	5	9		14	19:00	2	2		4		
07:15	5	6		11	19:15	5	0		5		
07:30	7	3		10	19:30	3	1		4		
07:45	3	20	5	23	19:45	3	13	4	7	7	20
08:00	5	4		9	20:00	0	1		1		
08:15	7	7		14	20:15	0	2		2		
08:30	6	5		11	20:30	0	0		0		
08:45	10	28	7	23	20:45	0	0	0	3	0	3
09:00	8	13		21	21:00	4	1		5		
09:15	1	2		3	21:15	0	5		5		
09:30	4	5		9	21:30	0	1		1		
09:45	5	18	2	22	21:45	1	5	2	9	3	14
10:00	2	2		4	22:00	3	1		4		
10:15	1	4		5	22:15	2	0		2		
10:30	4	4		8	22:30	3	2		5		
10:45	4	11	2	12	22:45	0	8	0	3	0	11
11:00	4	4		8	23:00	0	0		0		
11:15	6	6		12	23:15	0	0		0		
11:30	5	7		12	23:30	0	0		0		
11:45	4	19	4	21	23:45	1	1	0	0	1	1
Totals	226		194	420	Totals	64		81	145		
Split %	53.8%		46.2%	74.3%	Split %	44.1%		55.9%	25.7%		

Daily Totals	Inbound	Outbound			Total
	290	275			565

AM Peak Hour	04:45	08:15	04:45	PM Peak Hour	12:00	12:30	12:30
AM Peak Volume	37	32	68	PM Peak Volume	14	26	37
AM Pk Hr Factor	0.712	0.615	0.810	PM Pk Hr Factor	0.438	0.722	0.544

Prepared by City Count, LLC (www.citycount.com)
ADT Volume Report - Light Truck
 Wholesale St & S Alameda St Driveway

Day: Friday, October 27, 2023

City: Los Angeles, CA

Daily Totals	Inbound	Outbound	Total
	212	194	406

AM	In	Out	Total	PM	In	Out	Total
00:00	0	0	0	12:00	2	1	3
00:15	0	1	1	12:15	3	0	3
00:30	2	0	2	12:30	3	1	4
00:45	1	3	4	12:45	1	9	10
01:00	0	2	2	13:00	1	0	1
01:15	0	3	3	13:15	2	0	2
01:30	0	0	0	13:30	1	0	1
01:45	2	2	4	13:45	1	5	6
02:00	2	2	4	14:00	1	0	1
02:15	5	1	6	14:15	1	1	2
02:30	2	6	8	14:30	0	0	0
02:45	1	10	11	14:45	0	2	2
03:00	4	3	7	15:00	0	0	0
03:15	2	4	6	15:15	1	0	1
03:30	10	8	18	15:30	1	3	4
03:45	5	21	26	15:45	1	3	4
04:00	5	4	9	16:00	2	0	2
04:15	7	3	10	16:15	0	0	0
04:30	9	10	19	16:30	2	2	4
04:45	10	31	41	16:45	0	4	4
05:00	6	8	14	17:00	0	0	0
05:15	8	9	17	17:15	0	0	0
05:30	2	8	10	17:30	0	0	0
05:45	6	22	28	17:45	0	0	0
06:00	2	3	5	18:00	0	0	0
06:15	7	3	10	18:15	0	0	0
06:30	3	6	9	18:30	0	0	0
06:45	8	20	28	18:45	0	0	0
07:00	7	6	13	19:00	0	0	0
07:15	4	5	9	19:15	0	0	0
07:30	9	5	14	19:30	0	0	0
07:45	5	25	30	19:45	0	0	0
08:00	3	1	4	20:00	0	0	0
08:15	1	4	5	20:15	0	0	0
08:30	7	4	11	20:30	0	1	1
08:45	2	13	15	20:45	0	0	0
09:00	4	4	8	21:00	0	0	0
09:15	4	2	6	21:15	0	0	0
09:30	6	3	9	21:30	1	0	1
09:45	5	19	24	21:45	0	1	1
10:00	2	4	6	22:00	0	0	0
10:15	2	2	4	22:15	0	0	0
10:30	3	1	4	22:30	0	0	0
10:45	2	9	11	22:45	0	0	0
11:00	2	1	3	23:00	0	0	0
11:15	6	2	8	23:15	0	0	0
11:30	3	2	5	23:30	0	0	0
11:45	2	13	15	23:45	0	1	1
Totals	188	182	370	Totals	24	12	36
Split %	50.8%	49.2%	91.1%	Split %	66.7%	33.3%	8.9%

Daily Totals	Inbound	Outbound	Total
	212	194	406

AM Peak Hour	04:30	04:30	04:30	PM Peak Hour	12:00	16:30	12:00
AM Peak Volume	33	34	67	PM Peak Volume	9	3	11
AM Pk Hr Factor	0.825	0.850	0.882	PM Pk Hr Factor	0.750	0.375	0.688

Prepared by City Count, LLC (www.citycount.com)
ADT Volume Report - Heavy Truck
 Wholesale St & S Alameda St Driveway

Day: Friday, October 27, 2023

City: Los Angeles, CA

Daily Totals	Inbound	Outbound			Total
	79	54			133

AM	In	Out	Total	PM	In	Out	Total
00:00	2	1	3	12:00	1	1	2
00:15	1	0	1	12:15	0	0	0
00:30	3	1	4	12:30	1	0	1
00:45	2	8	2	12:45	3	5	4
01:00	6	0	6	13:00	2	1	3
01:15	1	3	4	13:15	0	1	1
01:30	2	2	4	13:30	1	0	1
01:45	0	9	1	13:45	1	4	1
02:00	2	2	4	14:00	0	0	0
02:15	0	1	1	14:15	1	0	1
02:30	1	1	2	14:30	0	1	1
02:45	2	5	3	14:45	0	1	1
03:00	3	1	4	15:00	0	0	0
03:15	0	0	0	15:15	0	0	0
03:30	0	2	2	15:30	0	0	0
03:45	3	6	3	15:45	2	2	3
04:00	3	0	3	16:00	0	1	1
04:15	1	1	2	16:15	0	0	0
04:30	0	1	1	16:30	0	0	0
04:45	1	5	1	16:45	0	0	0
05:00	1	2	3	17:00	0	0	0
05:15	1	2	3	17:15	0	0	0
05:30	2	0	2	17:30	0	0	0
05:45	0	4	2	17:45	0	0	0
06:00	0	1	1	18:00	0	0	0
06:15	1	1	2	18:15	0	0	0
06:30	2	1	3	18:30	0	0	0
06:45	1	4	1	18:45	0	0	1
07:00	0	2	2	19:00	0	1	1
07:15	0	0	0	19:15	0	0	0
07:30	1	1	2	19:30	0	0	0
07:45	0	1	1	19:45	0	0	0
08:00	3	0	3	20:00	0	0	0
08:15	0	0	0	20:15	1	1	2
08:30	4	0	4	20:30	0	0	0
08:45	1	8	2	20:45	0	1	1
09:00	0	0	0	21:00	0	0	0
09:15	2	0	2	21:15	0	0	0
09:30	3	0	3	21:30	0	0	0
09:45	1	6	3	21:45	0	0	0
10:00	2	0	2	22:00	1	0	1
10:15	1	2	3	22:15	0	0	0
10:30	0	0	0	22:30	0	0	0
10:45	0	3	0	22:45	0	1	0
11:00	1	0	1	23:00	0	0	0
11:15	2	1	3	23:15	0	1	1
11:30	3	1	4	23:30	0	1	1
11:45	0	6	2	23:45	0	0	0
Totals	65	40	105	Totals	14	14	28
Split %	61.9%	38.1%	78.9%	Split %	50.0%	50.0%	21.1%

Daily Totals	Inbound	Outbound			Total
	79	54			133

AM Peak Hour	00:30	01:15	00:45	PM Peak Hour	12:45	12:45	12:45
AM Peak Volume	12	8	16	PM Peak Volume	6	3	9
AM Pk Hr Factor	0.500	0.667	0.667	PM Pk Hr Factor	0.500	0.750	0.563

Prepared by City Count, LLC (www.citycount.com)
ADT Volume Report - Total Vehicles
 Wholesale St & S Alameda St Driveway

Day: Saturday, October 28, 2023

City: Los Angeles, CA

Daily Totals	Inbound		Outbound		Total	
	340		331		671	

AM	In			Out			Total	PM	In			Out			Total
00:00	1			1			2	12:00	1			1			2
00:15	0			1			1	12:15	2			3			5
00:30	0			1			1	12:30	2			4			6
00:45	8	9		0	3		8 12	12:45	0	5		2	10		2 15
01:00	1			1			2	13:00	2			1			3
01:15	2			3			5	13:15	2			2			4
01:30	4			0			4	13:30	2			0			2
01:45	9	16		4	8		13 24	13:45	2	8		2	5		4 13
02:00	1			4			5	14:00	3			1			4
02:15	3			8			11	14:15	2			1			3
02:30	5			2			7	14:30	0			2			2
02:45	10	19		4	18		14 37	14:45	0	5		0	4		0 9
03:00	4			5			9	15:00	2			0			2
03:15	6			10			16	15:15	0			2			2
03:30	10			6			16	15:30	1			2			3
03:45	13	33		6	27		19 60	15:45	2	5		2	6		4 11
04:00	5			11			16	16:00	2			2			4
04:15	7			12			19	16:15	0			1			1
04:30	11			6			17	16:30	0			0			0
04:45	17	40		9	38		26 78	16:45	0	2		0	3		0 5
05:00	9			7			16	17:00	0			1			1
05:15	12			7			19	17:15	1			2			3
05:30	14			11			25	17:30	3			4			7
05:45	6	41		17	42		23 83	17:45	0	4		0	7		0 11
06:00	9			9			18	18:00	0			0			0
06:15	12			14			26	18:15	2			0			2
06:30	11			12			23	18:30	1			1			2
06:45	13	45		7	42		20 87	18:45	2	5		1	2		3 7
07:00	10			15			25	19:00	1			0			1
07:15	14			14			28	19:15	0			2			2
07:30	9			7			16	19:30	1			0			1
07:45	12	45		14	50		26 95	19:45	0	2		1	3		1 5
08:00	5			3			8	20:00	1			0			1
08:15	7			7			14	20:15	0			0			0
08:30	3			7			10	20:30	1			0			1
08:45	2	17		5	22		7 39	20:45	0	2		0	0		0 2
09:00	6			5			11	21:00	0			0			0
09:15	3			6			9	21:15	0			0			0
09:30	7			3			10	21:30	0			1			1
09:45	5	21		4	18		9 39	21:45	0	0		2	3		2 3
10:00	1			3			4	22:00	0			0			0
10:15	0			2			2	22:15	0			1			1
10:30	3			1			4	22:30	0			1			1
10:45	3	7		5	11		8 18	22:45	0	0		0	2		0 2
11:00	3			3			6	23:00	0			0			0
11:15	1			0			1	23:15	0			0			0
11:30	2			0			2	23:30	0			0			0
11:45	2	8		4	7		6 15	23:45	1	1		0	0		1 1
Totals	301			286			587	Totals	39			45			84
Split %	51.3%			48.7%			87.5%	Split %	46.4%			53.6%			12.5%

Daily Totals	Inbound		Outbound		Total	
	340		331		671	

AM Peak Hour	04:45	05:45	06:30	PM Peak Hour	13:30	12:15	12:15
AM Peak Volume	52	52	96	PM Peak Volume	9	10	16
AM Pk Hr Factor	0.765	0.765	0.857	PM Pk Hr Factor	0.750	0.625	0.667

Prepared by City Count, LLC (www.citycount.com)
ADT Volume Report - Passenger
 Wholesale St & S Alameda St Driveway

Day: Saturday, October 28, 2023

City: Los Angeles, CA

Daily Totals	Inbound	Outbound	Total
	183	185	

AM	In	Out	Total	PM	In	Out	Total
00:00	1	1	2	12:00	1	1	2
00:15	0	0	0	12:15	2	2	4
00:30	0	0	0	12:30	2	4	6
00:45	5	6	11	12:45	0	5	5
01:00	0	0	0	13:00	0	1	1
01:15	2	1	3	13:15	1	2	3
01:30	3	0	3	13:30	1	0	1
01:45	8	13	21	13:45	1	3	4
02:00	0	3	3	14:00	0	1	1
02:15	1	4	5	14:15	1	1	2
02:30	3	1	4	14:30	0	2	2
02:45	5	9	14	14:45	0	1	1
03:00	3	3	6	15:00	1	0	1
03:15	3	5	8	15:15	0	0	0
03:30	6	0	6	15:30	0	2	2
03:45	7	19	26	15:45	2	3	5
04:00	3	5	8	16:00	2	1	3
04:15	3	8	11	16:15	0	1	1
04:30	3	3	6	16:30	0	0	0
04:45	9	18	27	16:45	0	2	2
05:00	6	5	11	17:00	0	1	1
05:15	5	6	11	17:15	1	2	3
05:30	6	4	10	17:30	3	4	7
05:45	2	19	21	17:45	0	4	4
06:00	6	3	9	18:00	0	0	0
06:15	6	6	12	18:15	1	0	1
06:30	5	6	11	18:30	1	1	2
06:45	10	27	37	18:45	1	3	4
07:00	7	9	16	19:00	1	0	1
07:15	6	7	13	19:15	0	1	1
07:30	6	3	9	19:30	1	0	1
07:45	7	26	33	19:45	0	2	2
08:00	2	1	3	20:00	1	0	1
08:15	3	2	5	20:15	0	0	0
08:30	1	2	3	20:30	1	0	1
08:45	0	6	6	20:45	0	2	2
09:00	2	4	6	21:00	0	0	0
09:15	1	3	4	21:15	0	0	0
09:30	2	2	4	21:30	0	1	1
09:45	3	8	11	21:45	0	0	0
10:00	0	1	1	22:00	0	0	0
10:15	0	2	2	22:15	0	1	1
10:30	2	0	2	22:30	0	0	0
10:45	2	4	6	22:45	0	0	0
11:00	1	1	2	23:00	0	0	0
11:15	1	0	1	23:15	0	0	0
11:30	0	0	0	23:30	0	0	0
11:45	1	3	4	23:45	0	0	0
Totals	158	148	306	Totals	25	37	62
Split %	51.6%	48.4%	83.2%	Split %	40.3%	59.7%	16.8%

Daily Totals	Inbound	Outbound	Total
	183	185	

AM Peak Hour	06:45	07:00	07:00	PM Peak Hour	12:00	12:30	12:00
AM Peak Volume	29	30	56	PM Peak Volume	5	9	14
AM Pk Hr Factor	0.725	0.682	0.778	PM Pk Hr Factor	0.625	0.563	0.583

Prepared by City Count, LLC (www.citycount.com)
ADT Volume Report - Light Truck
 Wholesale St & S Alameda St Driveway

Day: Saturday, October 28, 2023

City: Los Angeles, CA

Daily Totals	Inbound	Outbound	Total
	116	107	
			223

AM	In	Out	Total	PM	In	Out	Total
00:00	0	0	0	12:00	0	0	0
00:15	0	1	1	12:15	0	0	0
00:30	0	1	1	12:30	0	0	0
00:45	1	1	2	12:45	0	0	0
01:00	0	1	1	13:00	1	0	1
01:15	0	0	0	13:15	1	0	1
01:30	1	0	1	13:30	1	0	1
01:45	1	2	3	13:45	0	3	3
02:00	1	1	2	14:00	0	0	0
02:15	0	4	4	14:15	0	0	0
02:30	0	1	1	14:30	0	0	0
02:45	1	2	3	14:45	0	0	0
03:00	1	0	1	15:00	0	0	0
03:15	2	3	5	15:15	0	0	0
03:30	4	4	8	15:30	1	0	1
03:45	5	12	17	15:45	0	1	1
04:00	2	5	7	16:00	0	0	0
04:15	4	3	7	16:15	0	0	0
04:30	7	3	10	16:30	0	0	0
04:45	5	18	23	16:45	0	0	0
05:00	2	2	4	17:00	0	0	0
05:15	5	0	5	17:15	0	0	0
05:30	7	6	13	17:30	0	0	0
05:45	3	17	20	17:45	0	0	0
06:00	2	5	7	18:00	0	0	0
06:15	6	5	11	18:15	1	0	1
06:30	3	5	8	18:30	0	0	0
06:45	3	14	17	18:45	0	1	1
07:00	3	4	7	19:00	0	0	0
07:15	6	7	13	19:15	0	0	0
07:30	3	2	5	19:30	0	0	0
07:45	5	17	22	19:45	0	0	0
08:00	3	2	5	20:00	0	0	0
08:15	4	5	9	20:15	0	0	0
08:30	2	5	7	20:30	0	0	0
08:45	2	11	13	20:45	0	0	0
09:00	3	1	4	21:00	0	0	0
09:15	2	2	4	21:15	0	0	0
09:30	3	1	4	21:30	0	0	0
09:45	1	9	10	21:45	0	0	0
10:00	1	0	1	22:00	0	0	0
10:15	0	0	0	22:15	0	0	0
10:30	1	1	2	22:30	0	1	1
10:45	0	2	2	22:45	0	0	0
11:00	2	1	3	23:00	0	0	0
11:15	0	0	0	23:15	0	0	0
11:30	2	0	2	23:30	0	0	0
11:45	1	5	6	23:45	1	1	2
Totals	110	105	215	Totals	6	2	8
Split %	51.2%	48.8%	96.4%	Split %	75.0%	25.0%	3.6%

Daily Totals	Inbound	Outbound	Total
	116	107	
			223

AM Peak Hour	04:45	05:30	05:30	PM Peak Hour	13:00	22:30	13:00
AM Peak Volume	19	25	43	PM Peak Volume	3	1	3
AM Pk Hr Factor	0.679	0.694	0.827	PM Pk Hr Factor	0.750	0.250	0.750

Prepared by City Count, LLC (www.citycount.com)
ADT Volume Report - Heavy Truck
 Wholesale St & S Alameda St Driveway

Day: Saturday, October 28, 2023

City: Los Angeles, CA

Daily Totals	Inbound	Outbound	Total
	41	39	80

AM	In	Out	Total	PM	In	Out	Total
00:00	0	0	0	12:00	0	0	0
00:15	0	0	0	12:15	0	1	1
00:30	0	0	0	12:30	0	0	0
00:45	2	2	2	12:45	0	0	0
01:00	1	0	1	13:00	1	0	1
01:15	0	2	2	13:15	0	0	0
01:30	0	0	0	13:30	0	0	0
01:45	0	1	3	13:45	1	2	2
02:00	0	0	0	14:00	3	0	3
02:15	2	0	2	14:15	1	0	1
02:30	2	0	2	14:30	0	0	0
02:45	4	8	6	14:45	0	4	0
03:00	0	2	2	15:00	1	0	1
03:15	1	2	3	15:15	0	2	2
03:30	0	2	2	15:30	0	0	0
03:45	1	2	2	15:45	0	1	0
04:00	0	1	1	16:00	0	1	1
04:15	0	1	1	16:15	0	0	0
04:30	1	0	1	16:30	0	0	0
04:45	3	4	3	16:45	0	0	0
05:00	1	0	1	17:00	0	0	0
05:15	2	1	3	17:15	0	0	0
05:30	1	1	2	17:30	0	0	0
05:45	1	5	2	17:45	0	0	0
06:00	1	1	2	18:00	0	0	0
06:15	0	3	3	18:15	0	0	0
06:30	3	1	4	18:30	0	0	0
06:45	0	4	0	18:45	1	1	1
07:00	0	2	2	19:00	0	0	0
07:15	2	0	2	19:15	0	1	1
07:30	0	2	2	19:30	0	0	0
07:45	0	2	0	19:45	0	0	0
08:00	0	0	0	20:00	0	0	0
08:15	0	0	0	20:15	0	0	0
08:30	0	0	0	20:30	0	0	0
08:45	0	0	0	20:45	0	0	0
09:00	1	0	1	21:00	0	0	0
09:15	0	1	1	21:15	0	0	0
09:30	2	0	2	21:30	0	0	0
09:45	1	4	2	21:45	0	0	0
10:00	0	2	2	22:00	0	0	0
10:15	0	0	0	22:15	0	0	0
10:30	0	0	0	22:30	0	0	0
10:45	1	1	1	22:45	0	0	0
11:00	0	1	1	23:00	0	0	0
11:15	0	0	0	23:15	0	0	0
11:30	0	0	0	23:30	0	0	0
11:45	0	0	0	23:45	0	0	0
Totals	33	33	66	Totals	8	6	14
Split %	50.0%	50.0%	82.5%	Split %	57.1%	42.9%	17.5%

Daily Totals	Inbound	Outbound	Total
	41	39	80

AM Peak Hour	02:15	02:45	02:45	PM Peak Hour	13:45	15:15	13:45
AM Peak Volume	8	8	13	PM Peak Volume	5	3	6
AM Pk Hr Factor	0.500	1.000	0.542	PM Pk Hr Factor	0.417	0.375	0.500

Prepared by City Count, LLC (www.citycount.com)
ADT Volume Report - Total Vehicles
 Wholesale St & S Alameda St Driveway

Day: Sunday, October 29, 2023

City: Los Angeles, CA

Daily Totals	Inbound		Outbound		Total	
	70		36		106	

AM	In	Out		Total	PM	In	Out		Total	
00:00	0	0		0	12:00	0	1		1	
00:15	0	0		0	12:15	0	0		0	
00:30	0	1		1	12:30	2	1		3	
00:45	0	0	0	1	12:45	0	2	1	3	5
01:00	0	0		0	13:00	0	0		0	
01:15	0	0		0	13:15	0	0		0	
01:30	0	0		0	13:30	0	1		1	
01:45	0	0	0	0	13:45	1	1	0	1	2
02:00	0	0		0	14:00	2	1		3	
02:15	0	0		0	14:15	1	2		3	
02:30	0	0		0	14:30	0	0		0	
02:45	0	0	0	0	14:45	0	3	0	3	6
03:00	0	0		0	15:00	0	0		0	
03:15	1	0		1	15:15	1	0		1	
03:30	1	0		1	15:30	0	0		0	
03:45	0	2	1	3	15:45	0	1	0	0	1
04:00	0	0		0	16:00	0	1		1	
04:15	0	0		0	16:15	0	1		1	
04:30	0	0		0	16:30	0	0		0	
04:45	0	0	0	0	16:45	0	0	0	2	2
05:00	0	0		0	17:00	0	1		1	
05:15	0	0		0	17:15	0	0		0	
05:30	0	0		0	17:30	2	0		2	
05:45	0	0	1	1	17:45	1	3	0	1	4
06:00	1	0		1	18:00	0	0		0	
06:15	0	1		1	18:15	1	0		1	
06:30	0	0		0	18:30	0	1		1	
06:45	0	1	0	2	18:45	1	2	0	1	3
07:00	0	0		0	19:00	1	0		1	
07:15	0	0		0	19:15	2	0		2	
07:30	0	0		0	19:30	6	0		6	
07:45	1	1	0	1	19:45	5	14	1	1	15
08:00	1	0		1	20:00	0	0		0	
08:15	0	1		1	20:15	1	0		1	
08:30	0	0		0	20:30	0	0		0	
08:45	1	2	0	3	20:45	1	2	2	2	4
09:00	0	1		1	21:00	0	0		0	
09:15	1	0		1	21:15	3	1		4	
09:30	0	0		0	21:30	3	0		3	
09:45	1	2	0	3	21:45	3	9	3	4	13
10:00	1	0		1	22:00	1	2		3	
10:15	1	0		1	22:15	3	2		5	
10:30	0	1		1	22:30	1	0		1	
10:45	0	2	0	3	22:45	2	7	0	4	11
11:00	0	0		0	23:00	0	0		0	
11:15	0	0		0	23:15	4	1		5	
11:30	7	4		11	23:30	1	1		2	
11:45	2	9	1	14	23:45	2	7	0	2	9
Totals	19	12		31	Totals	51	24		75	
Split %	61.3%	38.7%		29.2%	Split %	68.0%	32.0%		70.8%	

Daily Totals	Inbound		Outbound		Total	
	70		36		106	

AM Peak Hour	11:00	11:00	11:00	PM Peak Hour	19:00	21:45	21:30
AM Peak Volume	9	5	14	PM Peak Volume	14	7	17
AM Pk Hr Factor	0.321	0.313	0.318	PM Pk Hr Factor	0.583	0.583	0.708

Prepared by City Count, LLC (www.citycount.com)

ADT Volume Report - Passenger

Wholesale St & S Alameda St Driveway

Day: Sunday, October 29, 2023

City: Los Angeles, CA

Daily Totals	Inbound	Outbound	Total
	55	28	

AM	In	Out	Total	PM	In	Out	Total
00:00	0	0	0	12:00	0	1	1
00:15	0	0	0	12:15	0	0	0
00:30	0	1	1	12:30	2	1	3
00:45	0	0	0	12:45	0	2	2
01:00	0	0	0	13:00	0	0	0
01:15	0	0	0	13:15	0	0	0
01:30	0	0	0	13:30	0	0	0
01:45	0	0	0	13:45	1	1	2
02:00	0	0	0	14:00	2	1	3
02:15	0	0	0	14:15	1	2	3
02:30	0	0	0	14:30	0	0	0
02:45	0	0	0	14:45	0	3	3
03:00	0	0	0	15:00	0	0	0
03:15	0	0	0	15:15	1	0	1
03:30	0	0	0	15:30	0	0	0
03:45	0	0	0	15:45	0	1	1
04:00	0	0	0	16:00	0	1	1
04:15	0	0	0	16:15	0	1	1
04:30	0	0	0	16:30	0	0	0
04:45	0	0	0	16:45	0	0	0
05:00	0	0	0	17:00	0	0	0
05:15	0	0	0	17:15	0	0	0
05:30	0	0	0	17:30	2	0	2
05:45	0	1	1	17:45	1	3	4
06:00	1	0	1	18:00	0	0	0
06:15	0	1	1	18:15	1	0	1
06:30	0	0	0	18:30	0	1	1
06:45	0	1	1	18:45	1	2	3
07:00	0	0	0	19:00	1	0	1
07:15	0	0	0	19:15	1	0	1
07:30	0	0	0	19:30	6	0	6
07:45	1	1	2	19:45	4	12	16
08:00	0	0	0	20:00	0	0	0
08:15	0	0	0	20:15	0	0	0
08:30	0	0	0	20:30	0	0	0
08:45	1	1	2	20:45	1	1	2
09:00	0	1	1	21:00	0	0	0
09:15	0	0	0	21:15	2	1	3
09:30	0	0	0	21:30	2	0	2
09:45	0	0	0	21:45	3	7	10
10:00	1	0	1	22:00	0	1	1
10:15	1	0	1	22:15	3	1	4
10:30	0	1	1	22:30	1	0	1
10:45	0	2	2	22:45	1	5	6
11:00	0	0	0	23:00	0	0	0
11:15	0	0	0	23:15	2	1	3
11:30	7	4	11	23:30	0	0	0
11:45	2	9	11	23:45	2	4	6
Totals	14	10	24	Totals	41	18	59
Split %	58.3%	41.7%	28.9%	Split %	69.5%	30.5%	71.1%

Daily Totals	Inbound	Outbound	Total
	55	28	

AM Peak Hour	11:00	11:00	11:00	PM Peak Hour	19:00	21:45	21:30
AM Peak Volume	9	5	14	PM Peak Volume	12	5	13
AM Pk Hr Factor	0.321	0.313	0.318	PM Pk Hr Factor	0.500	0.417	0.542

Prepared by City Count, LLC (www.citycount.com)
ADT Volume Report - Light Truck
 Wholesale St & S Alameda St Driveway

Day: Sunday, October 29, 2023

City: Los Angeles, CA

Daily Totals	Inbound		Outbound		Total	
	2		5		7	

AM	In	Out	Total	PM	In	Out	Total
00:00	0	0	0	12:00	0	0	0
00:15	0	0	0	12:15	0	0	0
00:30	0	0	0	12:30	0	0	0
00:45	0	0	0	12:45	0	0	0
01:00	0	0	0	13:00	0	0	0
01:15	0	0	0	13:15	0	0	0
01:30	0	0	0	13:30	0	1	1
01:45	0	0	0	13:45	0	0	0
02:00	0	0	0	14:00	0	0	0
02:15	0	0	0	14:15	0	0	0
02:30	0	0	0	14:30	0	0	0
02:45	0	0	0	14:45	0	0	0
03:00	0	0	0	15:00	0	0	0
03:15	0	0	0	15:15	0	0	0
03:30	0	0	0	15:30	0	0	0
03:45	0	0	0	15:45	0	0	0
04:00	0	0	0	16:00	0	0	0
04:15	0	0	0	16:15	0	0	0
04:30	0	0	0	16:30	0	0	0
04:45	0	0	0	16:45	0	0	0
05:00	0	0	0	17:00	0	1	1
05:15	0	0	0	17:15	0	0	0
05:30	0	0	0	17:30	0	0	0
05:45	0	0	0	17:45	0	0	0
06:00	0	0	0	18:00	0	0	0
06:15	0	0	0	18:15	0	0	0
06:30	0	0	0	18:30	0	0	0
06:45	0	0	0	18:45	0	0	0
07:00	0	0	0	19:00	0	0	0
07:15	0	0	0	19:15	0	0	0
07:30	0	0	0	19:30	0	0	0
07:45	0	0	0	19:45	1	1	1
08:00	0	0	0	20:00	0	0	0
08:15	0	1	1	20:15	0	0	0
08:30	0	0	0	20:30	0	0	0
08:45	0	0	0	20:45	0	0	0
09:00	0	0	0	21:00	0	0	0
09:15	1	0	1	21:15	0	0	0
09:30	0	0	0	21:30	0	0	0
09:45	0	1	0	21:45	0	0	0
10:00	0	0	0	22:00	0	1	1
10:15	0	0	0	22:15	0	1	1
10:30	0	0	0	22:30	0	0	0
10:45	0	0	0	22:45	0	0	0
11:00	0	0	0	23:00	0	0	0
11:15	0	0	0	23:15	0	0	0
11:30	0	0	0	23:30	0	0	0
11:45	0	0	0	23:45	0	0	0
Totals	1	1	2	Totals	1	4	5
Split %	50.0%	50.0%	28.6%	Split %	20.0%	80.0%	71.4%

Daily Totals	Inbound		Outbound		Total	
	2		5		7	

AM Peak Hour	09:15	08:15	09:15	PM Peak Hour	19:45	22:00	22:00
AM Peak Volume	1	1	1	PM Peak Volume	1	2	2
AM Pk Hr Factor	0.250	0.250	0.250	PM Pk Hr Factor	0.250	0.500	0.500

Prepared by City Count, LLC (www.citycount.com)
ADT Volume Report - Heavy Truck
 Wholesale St & S Alameda St Driveway

Day: Sunday, October 29, 2023

City: Los Angeles, CA

Daily Totals	Inbound	Outbound	Total
	13	3	16

AM	In	Out	Total	PM	In	Out	Total
00:00	0	0	0	12:00	0	0	0
00:15	0	0	0	12:15	0	0	0
00:30	0	0	0	12:30	0	0	0
00:45	0	0	0	12:45	0	0	0
01:00	0	0	0	13:00	0	0	0
01:15	0	0	0	13:15	0	0	0
01:30	0	0	0	13:30	0	0	0
01:45	0	0	0	13:45	0	0	0
02:00	0	0	0	14:00	0	0	0
02:15	0	0	0	14:15	0	0	0
02:30	0	0	0	14:30	0	0	0
02:45	0	0	0	14:45	0	0	0
03:00	0	0	0	15:00	0	0	0
03:15	1	0	1	15:15	0	0	0
03:30	1	0	1	15:30	0	0	0
03:45	0	2	1	15:45	0	0	0
04:00	0	0	0	16:00	0	0	0
04:15	0	0	0	16:15	0	0	0
04:30	0	0	0	16:30	0	0	0
04:45	0	0	0	16:45	0	0	0
05:00	0	0	0	17:00	0	0	0
05:15	0	0	0	17:15	0	0	0
05:30	0	0	0	17:30	0	0	0
05:45	0	0	0	17:45	0	0	0
06:00	0	0	0	18:00	0	0	0
06:15	0	0	0	18:15	0	0	0
06:30	0	0	0	18:30	0	0	0
06:45	0	0	0	18:45	0	0	0
07:00	0	0	0	19:00	0	0	0
07:15	0	0	0	19:15	1	0	1
07:30	0	0	0	19:30	0	0	0
07:45	0	0	0	19:45	0	1	0
08:00	1	0	1	20:00	0	0	0
08:15	0	0	0	20:15	1	0	1
08:30	0	0	0	20:30	0	0	0
08:45	0	1	0	20:45	0	1	1
09:00	0	0	0	21:00	0	0	0
09:15	0	0	0	21:15	1	0	1
09:30	0	0	0	21:30	1	0	1
09:45	1	1	1	21:45	0	2	0
10:00	0	0	0	22:00	1	0	1
10:15	0	0	0	22:15	0	0	0
10:30	0	0	0	22:30	0	0	0
10:45	0	0	0	22:45	1	2	1
11:00	0	0	0	23:00	0	0	0
11:15	0	0	0	23:15	2	0	2
11:30	0	0	0	23:30	1	1	2
11:45	0	0	0	23:45	0	3	0
Totals	4	1	5	Totals	9	2	11
Split %	80.0%	20.0%	31.3%	Split %	81.8%	18.2%	68.8%

Daily Totals	Inbound	Outbound	Total
	13	3	16

AM Peak Hour	03:15	03:45	03:15	PM Peak Hour	22:45	23:00	22:45
AM Peak Volume	2	1	3	PM Peak Volume	4	1	5
AM Pk Hr Factor	0.500	0.250	0.750	PM Pk Hr Factor	0.500	0.250	0.625

EXHIBIT A

PROJECT TRUCK DEMAND ANALYSIS SUMMARY (DRAFT)

Truck ADT - Empirical Data [a]					
Empirical Data Site (Existing Facilities)	Area (ksf)	Heavy	Light (5-Ton)	Light (10-Ton)	Total
Total Studio Development Area	743.680	13	22	43	78

Trip Generation Rate - Truck ADT [b]					
	Rate	Heavy	Light (5-Ton)	Light (10-Ton)	Total
Total Studio Development Area	per ksf	0.02	0.03	0.06	0.10

Truck ADT - Project					
Project Site (Proposed Development)	Area (ksf)	Heavy	Light (5-Ton)	Light (10-Ton)	Total
Sound Stage	299.012	-	-	-	-
Production Support	69.192	-	-	-	-
Production Office	299.407	-	-	-	-
Retail	4.000	-	-	-	-
High Turnover (Sit-Down) Restaurant	4.000	-	-	-	-
Total Studio Development Area	675.611	12	20	39	71

Notes:

ksf = 1,000 square feet.

[a] As documented in Appendix FEIR-6: Trucks Trips Memorandum of the *TVC 2050 Project Final Environmental Impact Report* (Eyestone Environmental, LLC, November 2023).

[b] Rate derived based on empirical truck ADT data documented in Appendix FEIR-6: Trucks Trips Memorandum of the *TVC 2050 Project Final Environmental Impact Report* (Eyestone Environmental, LLC, November 2023).

East End Studios ADLA

Appendix B-3-Greenhouse Gas Emissions Worksheets

- Appendix B-3: Greenhouse Gas Worksheets
 - Appendix B-3.1: GHG Modeling Parameters and Summary of Emissions
 - GHG Emissions Summary
 - GHG Parameters
 - Carbon Intensity
 - VMT
 - EVs

6 and Alameda Campus

Construction Emissions Summary (GHG)

CalEEMod Output Summary	
2024	2592
2025	2696
2026	930
Total	6,217
Amortized	207

Operational Emissions Summary (GHG)

CalEEMod Output Summary		
Baseline (Baseline Year)^a	CO₂e	
Area	6	
Energy (Natural Gas)	659	
Mobile	1,628	
Emergency Generators	0	
Solid Waste	22	
Water/Wastewater	211	
Refrig.	0	
Total	2,526	
Baseline (Buildout Year)^a	CO₂e	
Area	6	
Energy (Natural Gas)	609	
Mobile	1,515	
Emergency Generators	0	
Solid Waste	22	
Water/Wastewater	196	
Refrig.	0	
Total	2,348	
Buildout (Buildout Year)^b (Compliance with City Code 187,714)		
Area	20	
Energy (Natural Gas and Electricity) ^b	3,112	
Energy (Electricity Basecamp)	180	Note: Calculated Outside CalEEMod
Mobile	3,612	
Electric Vehicle Charging Credit	(117)	Note: Calculated Outside CalEEMod
Emergency Generators	229	
Solid Waste	57	
Water/Wastewater	282	
Refrig.	14	
Construction	207	
Total	7,596	
Project (Buildout less Baseline) Compliance with City Code 187,714)		
Area	14	
Energy (Natural Gas and Electricity)	2,503	
Energy (Electricity Basecamp)	180	Note: Calculated Outside CalEEMod
Mobile	2,097	
Electric Vehicle Charging Credit	(117)	Note: Calculated Outside CalEEMod
Emergency Generators	229	
Solid Waste	35	
Water/Wastewater	86	
Refrig.	14	
Construction	207	
Total	5,248	
Buildout (Buildout Year)^b (Implementation of GHG-PDF-1)		
Area	20	
Energy (Natural Gas and Electricity) ^b	3,337	
Energy (Electricity Basecamp)	180	
Mobile	3,612	
Electric Vehicle Charging Credit	(117)	
Emergency Generators	229	
Solid Waste	57	
Water/Wastewater	282	
Refrig.	14	
Construction	207	
Total	7,821	
Project (Buildout less Baseline) (Implementation of GHG-PDF-1)		
Area	14	
Energy (Natural Gas and Electricity) ^b	2,728	
Energy (Electricity Basecamp)	180	
Mobile	2,097	
Electric Vehicle Charging Credit	(117)	
Emergency Generators	229	
Solid Waste	35	
Water/Wastewater	86	
Refrig.	14	
Construction	207	
Total	5,473	

^a Existing Uses

^b Please refer to CalEEMod outputs for Future uses

6 and Alemda Campus

SB100 - Renewable Portfolio Standards

Year	% RPS	RPS Reduction (%)	Carbon Intensity (lbs/MWh)
2022	35		567
2024	44	-20%	451
2027	52	-15%	382
2030	60	-13%	331
2036	65	-8%	305
2045	100	-35%	0

Build Out Year	Carbon Intensity (lbs/MWh)
2026	440
2023	504

6 and Alameda Campus

LADOT VMT Calculator Data

3/29/2021

VMT Summary

	Existing	Proposed Project	With Mitigation	Project Weekday Trips	Weekend Trips	Weekend Vs. Weekday Ratio
Daily Trips	1,701	3,756	3,410	1	1	1.00
Daily VMT	11,821	27,900	25,166			

Project without TDM (MXD Data)

	Unadjusted Trips	MXD Adjustment	MXD Trips	Average Trip Length	Unadjusted VMT	MXD VMT
Home Based Work Production	0	0.0%	0	6.7	0	0
Home Based Other Production	0	0.0%	0	4.6	0	0
Non-Home Based Other Production	755	-4.4%	722	7.5	5,663	5,415
Home-Based Work Attraction	2,691	-27.4%	1955	8.2	22,066	16,031
Home-Based Other Attraction	1,554	-36.4%	988	5.9	9,169	5,829
Non-Home Based Other Attraction	755	-4.2%	722	6.8	5,134	4,910
Total	5,755				42,032	32,185

Reduction vs.
Unadjusted MXD (%)

23%

Project with TDM (MXD Data)

	Proposed Project			Project with Mitigation Measures		
	TDM Adjustment	Project Trips	Project VMT	TDM Adjustment	Mitigated Trips	Mitigated VMT
Home Based Work Production	-13.0%	0	0	-13.0%	0	0
Home Based Other Production	-13.0%	0	0	-13.0%	0	0
Non-Home Based Other Production	-13.0%	628	4,709	-13.0%	628	4,709
Home-Based Work Attraction	-13.0%	1,700	13,939	-13.0%	1,700	13,939
Home-Based Other Attraction	-13.0%	859	5,068	-13.0%	859	5,068
Non-Home Based Other Attraction	-13.0%	628	4,269	-13.0%	628	4,269
Total		3,815	27,985		3,815	27,985
Employee VMT			0			13,939
Employee VMT (percent of total)						0.498088262
Residential VMT						0
Residential VMT (percent of total)						0
Source: Gibson Transportation						

33%

GHG Emissions Reductions for Employee Uses Associated with Electric Vehicle Charging Stations/Plugins

Step 1: Estimating GHG Emissions Reduction to Replace Gasoline/Diesel Vehicle with Electric Vehicle

LADWP Electricity Emission Factor ¹	0.20 MTCO ₂ E/MWh
Fuel Economy of Electric Vehicle ²	0.38 kWh/mile
Electric Vehicle GHG Emissions	76.1 grams/mile
GHG Emissions from Employee Miles Traveled (CalEEMod) ³	306.0 grams/mile
GHG Emissions Reduction from Additional Electric Vehicles, per mile	229.9 grams/mile

Step 2: Estimating Project Residential-Related VMT GHG Emissions

Employee Average Yearly VMT with TDM and PDFs ⁴	5,087,735 miles/year
Percent of Employee Miles Driven in Electric Vehicles due to this Measure	10.0%
Employee VMT that is Displaced by Evs due to this Measure	508,774 miles/year
GHG Emissions Reduction from Employee Electric Vehicles	117 MTCO ₂ E/MWh

Energy Usage **194,062**

Notes:

- 1) CO₂ intensity factor reflects a 2026 RPS for LADWP (422 lbs of CO₂E/MWh).
- 2) US Department of Energy, 2013. Benefits and Considerations of Electricity as a Vehicle Fuel. Available at: http://afdc.energy.gov/fuels/electricity_benefits.html.
- 3) CalEEMod Output file provided in Appendix XX.X of this Draft EIR.
- 4) Residential charging of vehicles would primarily occur over night, while commercial use charging of vehicles would primarily occur during the day. In addition, it is assumed that the charging stations/plugins for residential uses would be fully utilized which is supported by the projected number of electric vehicles in the future. Bloomberg New Energy Finance projects that electric vehicles will represent 35 percent of global new car sales by 2040 (<https://about.bnef.com/blog/electric-vehicles-to-be-35-of-global-new-car-sales-by-2040/>).

East End Studios ADLA

Appendix B-4-Greenhouse Gas Emissions Worksheets and Modeling Output Files

- Appendix B-4: Modeling Output Files
 - Appendix B-4.1: CalEEMod Outputs
 - Existing Baseline
 - Existing Buildout
 - Project Construction Onsite
 - Project Construction and Operations

6 and Alameda Campus - Existing Baseline Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	6 and Alameda Campus - Existing Baseline
Operational Year	2023
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	0.50
Precipitation (days)	18.4
Location	640 S Alameda St, Los Angeles, CA 90021, USA
County	Los Angeles-South Coast
City	Los Angeles
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4034
EDFZ	16
Electric Utility	Los Angeles Department of Water & Power
Gas Utility	Southern California Gas
App Version	2022.1.1.21

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
Unrefrigerated Warehouse-No Rail	311	1000sqft	7.14	311,000	0.00	0.00	—	—

Parking Lot	311	1000sqft	7.14	0.00	0.00	0.00	—	—
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1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Waste	S-1/S-2	Implement Waste Reduction Plan

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.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	16.0	5.88	62.9	0.11	0.19	8.38	8.57	0.19	2.13	2.32	16,020
Mit.	16.0	5.88	62.9	0.11	0.19	8.38	8.57	0.19	2.13	2.32	15,599
% Reduced	—	—	—	—	—	—	—	—	—	—	3%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	13.7	6.20	46.1	0.10	0.17	8.38	8.55	0.16	2.13	2.29	15,509
Mit.	13.7	6.20	46.1	0.10	0.17	8.38	8.55	0.16	2.13	2.29	15,088
% Reduced	—	—	—	—	—	—	—	—	—	—	3%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	15.1	6.32	56.4	0.10	0.18	8.28	8.46	0.18	2.10	2.28	15,678
Mit.	15.1	6.32	56.4	0.10	0.18	8.28	8.46	0.18	2.10	2.28	15,257
% Reduced	—	—	—	—	—	—	—	—	—	—	3%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.76	1.15	10.3	0.02	0.03	1.51	1.54	0.03	0.38	0.42	2,596

Mit.	2.76	1.15	10.3	0.02	0.03	1.51	1.54	0.03	0.38	0.42	2,526
% Reduced	—	—	—	—	—	—	—	—	—	—	3%

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Mobile	6.20	4.45	48.3	0.10	0.07	8.38	8.45	0.06	2.13	2.19	10,159
Area	9.71	0.11	13.5	< 0.005	0.02	—	0.02	0.02	—	0.02	55.8
Energy	0.07	1.32	1.11	0.01	0.10	—	0.10	0.10	—	0.10	3,983
Water	—	—	—	—	—	—	—	—	—	—	1,272
Waste	—	—	—	—	—	—	—	—	—	—	551
Total	16.0	5.88	62.9	0.11	0.19	8.38	8.57	0.19	2.13	2.32	16,020
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Mobile	6.09	4.88	45.0	0.09	0.07	8.38	8.45	0.06	2.13	2.19	9,703
Area	7.49	—	—	—	—	—	—	—	—	—	—
Energy	0.07	1.32	1.11	0.01	0.10	—	0.10	0.10	—	0.10	3,983
Water	—	—	—	—	—	—	—	—	—	—	1,272
Waste	—	—	—	—	—	—	—	—	—	—	551
Total	13.7	6.20	46.1	0.10	0.17	8.38	8.55	0.16	2.13	2.29	15,509
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Mobile	6.05	4.92	46.0	0.09	0.07	8.28	8.35	0.06	2.10	2.17	9,834
Area	9.01	0.08	9.26	< 0.005	0.01	—	0.01	0.02	—	0.02	38.2
Energy	0.07	1.32	1.11	0.01	0.10	—	0.10	0.10	—	0.10	3,983
Water	—	—	—	—	—	—	—	—	—	—	1,272
Waste	—	—	—	—	—	—	—	—	—	—	551

Total	15.1	6.32	56.4	0.10	0.18	8.28	8.46	0.18	2.10	2.28	15,678
Annual	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.10	0.90	8.40	0.02	0.01	1.51	1.52	0.01	0.38	0.40	1,628
Area	1.64	0.01	1.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	6.33
Energy	0.01	0.24	0.20	< 0.005	0.02	—	0.02	0.02	—	0.02	659
Water	—	—	—	—	—	—	—	—	—	—	211
Waste	—	—	—	—	—	—	—	—	—	—	91.3
Total	2.76	1.15	10.3	0.02	0.03	1.51	1.54	0.03	0.38	0.42	2,596

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Mobile	6.20	4.45	48.3	0.10	0.07	8.38	8.45	0.06	2.13	2.19	10,159
Area	9.71	0.11	13.5	< 0.005	0.02	—	0.02	0.02	—	0.02	55.8
Energy	0.07	1.32	1.11	0.01	0.10	—	0.10	0.10	—	0.10	3,983
Water	—	—	—	—	—	—	—	—	—	—	1,272
Waste	—	—	—	—	—	—	—	—	—	—	130
Total	16.0	5.88	62.9	0.11	0.19	8.38	8.57	0.19	2.13	2.32	15,599
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Mobile	6.09	4.88	45.0	0.09	0.07	8.38	8.45	0.06	2.13	2.19	9,703
Area	7.49	—	—	—	—	—	—	—	—	—	—
Energy	0.07	1.32	1.11	0.01	0.10	—	0.10	0.10	—	0.10	3,983
Water	—	—	—	—	—	—	—	—	—	—	1,272
Waste	—	—	—	—	—	—	—	—	—	—	130
Total	13.7	6.20	46.1	0.10	0.17	8.38	8.55	0.16	2.13	2.29	15,088

Average Daily	—	—	—	—	—	—	—	—	—	—	—
Mobile	6.05	4.92	46.0	0.09	0.07	8.28	8.35	0.06	2.10	2.17	9,834
Area	9.01	0.08	9.26	< 0.005	0.01	—	0.01	0.02	—	0.02	38.2
Energy	0.07	1.32	1.11	0.01	0.10	—	0.10	0.10	—	0.10	3,983
Water	—	—	—	—	—	—	—	—	—	—	1,272
Waste	—	—	—	—	—	—	—	—	—	—	130
Total	15.1	6.32	56.4	0.10	0.18	8.28	8.46	0.18	2.10	2.28	15,257
Annual	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.10	0.90	8.40	0.02	0.01	1.51	1.52	0.01	0.38	0.40	1,628
Area	1.64	0.01	1.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	6.33
Energy	0.01	0.24	0.20	< 0.005	0.02	—	0.02	0.02	—	0.02	659
Water	—	—	—	—	—	—	—	—	—	—	211
Waste	—	—	—	—	—	—	—	—	—	—	21.5
Total	2.76	1.15	10.3	0.02	0.03	1.51	1.54	0.03	0.38	0.42	2,526

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Mobile source emissions results are presented in Sections 2.6. No further detailed breakdown of emissions is available.

4.1.2. Mitigated

Mobile source emissions results are presented in Sections 2.5. No further detailed breakdown of emissions is available.

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	2,021
Parking Lot	—	—	—	—	—	—	—	—	—	—	379
Total	—	—	—	—	—	—	—	—	—	—	2,400
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	2,021
Parking Lot	—	—	—	—	—	—	—	—	—	—	379
Total	—	—	—	—	—	—	—	—	—	—	2,400
Annual	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	335
Parking Lot	—	—	—	—	—	—	—	—	—	—	62.7
Total	—	—	—	—	—	—	—	—	—	—	397

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	2,021
Parking Lot	—	—	—	—	—	—	—	—	—	—	379

Total	—	—	—	—	—	—	—	—	—	—	2,400
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	2,021
Parking Lot	—	—	—	—	—	—	—	—	—	—	379
Total	—	—	—	—	—	—	—	—	—	—	2,400
Annual	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	335
Parking Lot	—	—	—	—	—	—	—	—	—	—	62.7
Total	—	—	—	—	—	—	—	—	—	—	397

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.07	1.32	1.11	0.01	0.10	—	0.10	0.10	—	0.10	1,583
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Total	0.07	1.32	1.11	0.01	0.10	—	0.10	0.10	—	0.10	1,583
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.07	1.32	1.11	0.01	0.10	—	0.10	0.10	—	0.10	1,583
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00

Total	0.07	1.32	1.11	0.01	0.10	—	0.10	0.10	—	0.10	1,583
Annual	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.01	0.24	0.20	< 0.005	0.02	—	0.02	0.02	—	0.02	262
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Total	0.01	0.24	0.20	< 0.005	0.02	—	0.02	0.02	—	0.02	262

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.07	1.32	1.11	0.01	0.10	—	0.10	0.10	—	0.10	1,583
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Total	0.07	1.32	1.11	0.01	0.10	—	0.10	0.10	—	0.10	1,583
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.07	1.32	1.11	0.01	0.10	—	0.10	0.10	—	0.10	1,583
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Total	0.07	1.32	1.11	0.01	0.10	—	0.10	0.10	—	0.10	1,583
Annual	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.01	0.24	0.20	< 0.005	0.02	—	0.02	0.02	—	0.02	262
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Total	0.01	0.24	0.20	< 0.005	0.02	—	0.02	0.02	—	0.02	262

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	6.68	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.81	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	2.22	0.11	13.5	< 0.005	0.02	—	0.02	0.02	—	0.02	55.8
Total	9.71	0.11	13.5	< 0.005	0.02	—	0.02	0.02	—	0.02	55.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	6.68	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.81	—	—	—	—	—	—	—	—	—	—
Total	7.49	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.22	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.15	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.28	0.01	1.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	6.33
Total	1.64	0.01	1.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	6.33

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	6.68	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.81	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	2.22	0.11	13.5	< 0.005	0.02	—	0.02	0.02	—	0.02	55.8
Total	9.71	0.11	13.5	< 0.005	0.02	—	0.02	0.02	—	0.02	55.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	6.68	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.81	—	—	—	—	—	—	—	—	—	—
Total	7.49	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.22	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.15	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.28	0.01	1.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	6.33
Total	1.64	0.01	1.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	6.33

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	1,272
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	1,272
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	1,272
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	1,272
Annual	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	211
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	211

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	1,272
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00

Total	—	—	—	—	—	—	—	—	—	—	1,272
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	1,272
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	1,272
Annual	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	211
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	211

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	551
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	551
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	551

Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	551
Annual	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	91.3
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	91.3

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	130
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	130
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	130
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	130
Annual	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	21.5
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00

Total	—	—	—	—	—	—	—	—	—	—	21.5
-------	---	---	---	---	---	---	---	---	---	---	------

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—

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	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	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	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	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	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	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	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	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	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	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—

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)

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	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	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
Total all Land Uses	1,701	1,701	1,701	620,865	11,821	11,821	11,821	4,314,665

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Total all Land Uses	1,701	1,701	1,701	620,865	11,821	11,821	11,821	4,314,665

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

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	466,500	155,500	18,660

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

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)
Unrefrigerated Warehouse-No Rail	1,454,493	504	0.0489	0.0069	4,925,015
Parking Lot	272,436	504	0.0489	0.0069	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)
Unrefrigerated Warehouse-No Rail	1,454,493	504	0.0489	0.0069	4,925,015
Parking Lot	272,436	504	0.0489	0.0069	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	71,918,750	0.00
Parking Lot	0.00	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	71,918,750	0.00
Parking Lot	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	292	—
Parking Lot	0.00	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	69.0	—
Parking Lot	0.00	—

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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5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
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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	9.52	annual days of extreme heat
Extreme Precipitation	6.15	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	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	51.0
AQ-PM	90.2
AQ-DPM	96.2
Drinking Water	92.5
Lead Risk Housing	31.7
Pesticides	0.00
Toxic Releases	82.6
Traffic	88.3
Effect Indicators	—
CleanUp Sites	100.0
Groundwater	95.2

Haz Waste Facilities/Generators	100.0
Impaired Water Bodies	66.7
Solid Waste	100
Sensitive Population	—
Asthma	87.9
Cardio-vascular	19.4
Low Birth Weights	65.2
Socioeconomic Factor Indicators	—
Education	14.8
Housing	39.7
Linguistic	59.8
Poverty	48.0
Unemployment	14.4

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	65.44334659
Employed	94.00744258
Median HI	73.54035673
Education	—
Bachelor's or higher	93.08353651
High school enrollment	100
Preschool enrollment	84.88387014
Transportation	—
Auto Access	17.51571924

Active commuting	86.28256127
Social	—
2-parent households	77.76209419
Voting	16.91261388
Neighborhood	—
Alcohol availability	18.38829719
Park access	81.35506224
Retail density	67.9455922
Supermarket access	81.7400231
Tree canopy	35.96817657
Housing	—
Homeownership	21.429488
Housing habitability	4.18324137
Low-inc homeowner severe housing cost burden	22.61003465
Low-inc renter severe housing cost burden	67.90709611
Uncrowded housing	11.86962659
Health Outcomes	—
Insured adults	58.10342615
Arthritis	98.1
Asthma ER Admissions	10.8
High Blood Pressure	93.7
Cancer (excluding skin)	91.6
Asthma	95.7
Coronary Heart Disease	97.0
Chronic Obstructive Pulmonary Disease	97.2
Diagnosed Diabetes	95.0
Life Expectancy at Birth	80.7

Cognitively Disabled	41.3
Physically Disabled	96.5
Heart Attack ER Admissions	79.8
Mental Health Not Good	80.9
Chronic Kidney Disease	97.1
Obesity	86.4
Pedestrian Injuries	99.9
Physical Health Not Good	93.2
Stroke	96.9
Health Risk Behaviors	—
Binge Drinking	21.6
Current Smoker	71.8
No Leisure Time for Physical Activity	84.4
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	76.4
Elderly	88.9
English Speaking	29.3
Foreign-born	58.8
Outdoor Workers	87.9
Climate Change Adaptive Capacity	—
Impervious Surface Cover	1.0
Traffic Density	91.0
Traffic Access	87.4
Other Indices	—
Hardship	14.3

Other Decision Support	—
2016 Voting	21.3

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	81.0
Healthy Places Index Score for Project Location (b)	73.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
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
Characteristics: Utility Information	Carbon Intensity for 2023

6 and Alameda Campus - Existing Buildout Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	6 and Alameda Campus - Existing Buildout
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	0.50
Precipitation (days)	18.4
Location	640 S Alameda St, Los Angeles, CA 90021, USA
County	Los Angeles-South Coast
City	Los Angeles
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4034
EDFZ	16
Electric Utility	Los Angeles Department of Water & Power
Gas Utility	Southern California Gas
App Version	2022.1.1.21

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
Unrefrigerated Warehouse-No Rail	311	1000sqft	7.14	311,000	0.00	0.00	—	—

Parking Lot	311	1000sqft	7.14	0.00	0.00	0.00	—	—
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1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Waste	S-1/S-2	Implement Waste Reduction Plan

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.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	15.1	4.91	54.6	0.10	0.18	8.38	8.55	0.18	2.13	2.31	14,917
Mit.	15.1	4.91	54.6	0.10	0.18	8.38	8.55	0.18	2.13	2.31	14,495
% Reduced	—	—	—	—	—	—	—	—	—	—	3%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	12.8	5.13	38.4	0.09	0.16	8.38	8.54	0.16	2.13	2.28	14,448
Mit.	12.8	5.13	38.4	0.09	0.16	8.38	8.54	0.16	2.13	2.28	14,027
% Reduced	—	—	—	—	—	—	—	—	—	—	3%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	14.3	5.24	48.5	0.10	0.17	8.28	8.45	0.17	2.10	2.27	14,604
Mit.	14.3	5.24	48.5	0.10	0.17	8.28	8.45	0.17	2.10	2.27	14,183
% Reduced	—	—	—	—	—	—	—	—	—	—	3%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.60	0.96	8.86	0.02	0.03	1.51	1.54	0.03	0.38	0.42	2,418

Mit.	2.60	0.96	8.86	0.02	0.03	1.51	1.54	0.03	0.38	0.42	2,348
% Reduced	—	—	—	—	—	—	—	—	—	—	3%

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Mobile	5.29	3.48	40.0	0.09	0.06	8.38	8.43	0.05	2.13	2.18	9,444
Area	9.71	0.11	13.5	< 0.005	0.02	—	0.02	0.02	—	0.02	55.8
Energy	0.07	1.32	1.11	0.01	0.10	—	0.10	0.10	—	0.10	3,680
Water	—	—	—	—	—	—	—	—	—	—	1,186
Waste	—	—	—	—	—	—	—	—	—	—	551
Total	15.1	4.91	54.6	0.10	0.18	8.38	8.55	0.18	2.13	2.31	14,917
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Mobile	5.22	3.81	37.3	0.09	0.06	8.38	8.43	0.05	2.13	2.18	9,031
Area	7.49	—	—	—	—	—	—	—	—	—	—
Energy	0.07	1.32	1.11	0.01	0.10	—	0.10	0.10	—	0.10	3,680
Water	—	—	—	—	—	—	—	—	—	—	1,186
Waste	—	—	—	—	—	—	—	—	—	—	551
Total	12.8	5.13	38.4	0.09	0.16	8.38	8.54	0.16	2.13	2.28	14,448
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Mobile	5.18	3.84	38.2	0.09	0.06	8.28	8.34	0.05	2.10	2.16	9,148
Area	9.01	0.08	9.26	< 0.005	0.01	—	0.01	0.02	—	0.02	38.2
Energy	0.07	1.32	1.11	0.01	0.10	—	0.10	0.10	—	0.10	3,680
Water	—	—	—	—	—	—	—	—	—	—	1,186
Waste	—	—	—	—	—	—	—	—	—	—	551

Total	14.3	5.24	48.5	0.10	0.17	8.28	8.45	0.17	2.10	2.27	14,604
Annual	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.95	0.70	6.96	0.02	0.01	1.51	1.52	0.01	0.38	0.39	1,515
Area	1.65	0.01	1.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	6.33
Energy	0.01	0.24	0.20	< 0.005	0.02	—	0.02	0.02	—	0.02	609
Water	—	—	—	—	—	—	—	—	—	—	196
Waste	—	—	—	—	—	—	—	—	—	—	91.3
Total	2.60	0.96	8.86	0.02	0.03	1.51	1.54	0.03	0.38	0.42	2,418

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Mobile	5.29	3.48	40.0	0.09	0.06	8.38	8.43	0.05	2.13	2.18	9,444
Area	9.71	0.11	13.5	< 0.005	0.02	—	0.02	0.02	—	0.02	55.8
Energy	0.07	1.32	1.11	0.01	0.10	—	0.10	0.10	—	0.10	3,680
Water	—	—	—	—	—	—	—	—	—	—	1,186
Waste	—	—	—	—	—	—	—	—	—	—	130
Total	15.1	4.91	54.6	0.10	0.18	8.38	8.55	0.18	2.13	2.31	14,495
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Mobile	5.22	3.81	37.3	0.09	0.06	8.38	8.43	0.05	2.13	2.18	9,031
Area	7.49	—	—	—	—	—	—	—	—	—	—
Energy	0.07	1.32	1.11	0.01	0.10	—	0.10	0.10	—	0.10	3,680
Water	—	—	—	—	—	—	—	—	—	—	1,186
Waste	—	—	—	—	—	—	—	—	—	—	130
Total	12.8	5.13	38.4	0.09	0.16	8.38	8.54	0.16	2.13	2.28	14,027

Average Daily	—	—	—	—	—	—	—	—	—	—	—
Mobile	5.18	3.84	38.2	0.09	0.06	8.28	8.34	0.05	2.10	2.16	9,148
Area	9.01	0.08	9.26	< 0.005	0.01	—	0.01	0.02	—	0.02	38.2
Energy	0.07	1.32	1.11	0.01	0.10	—	0.10	0.10	—	0.10	3,680
Water	—	—	—	—	—	—	—	—	—	—	1,186
Waste	—	—	—	—	—	—	—	—	—	—	130
Total	14.3	5.24	48.5	0.10	0.17	8.28	8.45	0.17	2.10	2.27	14,183
Annual	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.95	0.70	6.96	0.02	0.01	1.51	1.52	0.01	0.38	0.39	1,515
Area	1.65	0.01	1.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	6.33
Energy	0.01	0.24	0.20	< 0.005	0.02	—	0.02	0.02	—	0.02	609
Water	—	—	—	—	—	—	—	—	—	—	196
Waste	—	—	—	—	—	—	—	—	—	—	21.5
Total	2.60	0.96	8.86	0.02	0.03	1.51	1.54	0.03	0.38	0.42	2,348

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Mobile source emissions results are presented in Sections 2.6. No further detailed breakdown of emissions is available.

4.1.2. Mitigated

Mobile source emissions results are presented in Sections 2.5. No further detailed breakdown of emissions is available.

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	1,766
Parking Lot	—	—	—	—	—	—	—	—	—	—	331
Total	—	—	—	—	—	—	—	—	—	—	2,097
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	1,766
Parking Lot	—	—	—	—	—	—	—	—	—	—	331
Total	—	—	—	—	—	—	—	—	—	—	2,097
Annual	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	292
Parking Lot	—	—	—	—	—	—	—	—	—	—	54.8
Total	—	—	—	—	—	—	—	—	—	—	347

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	1,766
Parking Lot	—	—	—	—	—	—	—	—	—	—	331

Total	—	—	—	—	—	—	—	—	—	—	2,097
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	1,766
Parking Lot	—	—	—	—	—	—	—	—	—	—	331
Total	—	—	—	—	—	—	—	—	—	—	2,097
Annual	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	292
Parking Lot	—	—	—	—	—	—	—	—	—	—	54.8
Total	—	—	—	—	—	—	—	—	—	—	347

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.07	1.32	1.11	0.01	0.10	—	0.10	0.10	—	0.10	1,583
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Total	0.07	1.32	1.11	0.01	0.10	—	0.10	0.10	—	0.10	1,583
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.07	1.32	1.11	0.01	0.10	—	0.10	0.10	—	0.10	1,583
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00

Total	0.07	1.32	1.11	0.01	0.10	—	0.10	0.10	—	0.10	1,583
Annual	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.01	0.24	0.20	< 0.005	0.02	—	0.02	0.02	—	0.02	262
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Total	0.01	0.24	0.20	< 0.005	0.02	—	0.02	0.02	—	0.02	262

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.07	1.32	1.11	0.01	0.10	—	0.10	0.10	—	0.10	1,583
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Total	0.07	1.32	1.11	0.01	0.10	—	0.10	0.10	—	0.10	1,583
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.07	1.32	1.11	0.01	0.10	—	0.10	0.10	—	0.10	1,583
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Total	0.07	1.32	1.11	0.01	0.10	—	0.10	0.10	—	0.10	1,583
Annual	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.01	0.24	0.20	< 0.005	0.02	—	0.02	0.02	—	0.02	262
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Total	0.01	0.24	0.20	< 0.005	0.02	—	0.02	0.02	—	0.02	262

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	6.68	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.81	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	2.22	0.11	13.5	< 0.005	0.02	—	0.02	0.02	—	0.02	55.8
Total	9.71	0.11	13.5	< 0.005	0.02	—	0.02	0.02	—	0.02	55.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	6.68	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.81	—	—	—	—	—	—	—	—	—	—
Total	7.49	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.22	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.15	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.28	0.01	1.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	6.33
Total	1.65	0.01	1.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	6.33

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	6.68	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.81	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	2.22	0.11	13.5	< 0.005	0.02	—	0.02	0.02	—	0.02	55.8
Total	9.71	0.11	13.5	< 0.005	0.02	—	0.02	0.02	—	0.02	55.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	6.68	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.81	—	—	—	—	—	—	—	—	—	—
Total	7.49	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.22	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.15	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.28	0.01	1.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	6.33
Total	1.65	0.01	1.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	6.33

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	1,186
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	1,186
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	1,186
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	1,186
Annual	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	196
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	196

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	1,186
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00

Total	—	—	—	—	—	—	—	—	—	—	1,186
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	1,186
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	1,186
Annual	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	196
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	196

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	551
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	551
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	551

Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	551
Annual	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	91.3
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	91.3

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	130
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	130
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	130
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	130
Annual	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	21.5
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00

Total	—	—	—	—	—	—	—	—	—	—	21.5
-------	---	---	---	---	---	---	---	---	---	---	------

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—

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	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	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	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	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	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	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	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	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	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	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—

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)

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	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	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
Total all Land Uses	1,701	1,701	1,701	620,865	11,821	11,821	11,821	4,314,665

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Total all Land Uses	1,701	1,701	1,701	620,865	11,821	11,821	11,821	4,314,665

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

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	466,500	155,500	18,660

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

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)
Unrefrigerated Warehouse-No Rail	1,454,493	440	0.0489	0.0069	4,925,015
Parking Lot	272,436	440	0.0489	0.0069	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)
Unrefrigerated Warehouse-No Rail	1,454,493	440	0.0489	0.0069	4,925,015
Parking Lot	272,436	440	0.0489	0.0069	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	71,918,750	0.00
Parking Lot	0.00	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	71,918,750	0.00
Parking Lot	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	292	—
Parking Lot	0.00	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	69.0	—
Parking Lot	0.00	—

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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5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
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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	9.52	annual days of extreme heat
Extreme Precipitation	6.15	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	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	51.0
AQ-PM	90.2
AQ-DPM	96.2
Drinking Water	92.5
Lead Risk Housing	31.7
Pesticides	0.00
Toxic Releases	82.6
Traffic	88.3
Effect Indicators	—
CleanUp Sites	100.0
Groundwater	95.2

Haz Waste Facilities/Generators	100.0
Impaired Water Bodies	66.7
Solid Waste	100
Sensitive Population	—
Asthma	87.9
Cardio-vascular	19.4
Low Birth Weights	65.2
Socioeconomic Factor Indicators	—
Education	14.8
Housing	39.7
Linguistic	59.8
Poverty	48.0
Unemployment	14.4

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	65.44334659
Employed	94.00744258
Median HI	73.54035673
Education	—
Bachelor's or higher	93.08353651
High school enrollment	100
Preschool enrollment	84.88387014
Transportation	—
Auto Access	17.51571924

Active commuting	86.28256127
Social	—
2-parent households	77.76209419
Voting	16.91261388
Neighborhood	—
Alcohol availability	18.38829719
Park access	81.35506224
Retail density	67.9455922
Supermarket access	81.7400231
Tree canopy	35.96817657
Housing	—
Homeownership	21.429488
Housing habitability	4.18324137
Low-inc homeowner severe housing cost burden	22.61003465
Low-inc renter severe housing cost burden	67.90709611
Uncrowded housing	11.86962659
Health Outcomes	—
Insured adults	58.10342615
Arthritis	98.1
Asthma ER Admissions	10.8
High Blood Pressure	93.7
Cancer (excluding skin)	91.6
Asthma	95.7
Coronary Heart Disease	97.0
Chronic Obstructive Pulmonary Disease	97.2
Diagnosed Diabetes	95.0
Life Expectancy at Birth	80.7

Cognitively Disabled	41.3
Physically Disabled	96.5
Heart Attack ER Admissions	79.8
Mental Health Not Good	80.9
Chronic Kidney Disease	97.1
Obesity	86.4
Pedestrian Injuries	99.9
Physical Health Not Good	93.2
Stroke	96.9
Health Risk Behaviors	—
Binge Drinking	21.6
Current Smoker	71.8
No Leisure Time for Physical Activity	84.4
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	76.4
Elderly	88.9
English Speaking	29.3
Foreign-born	58.8
Outdoor Workers	87.9
Climate Change Adaptive Capacity	—
Impervious Surface Cover	1.0
Traffic Density	91.0
Traffic Access	87.4
Other Indices	—
Hardship	14.3

Other Decision Support	—
2016 Voting	21.3

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	81.0
Healthy Places Index Score for Project Location (b)	73.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
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
Characteristics: Utility Information	Carbon Intensity for 2026

6 and Alameda Campus - Construction Onsite Custom 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	6 and Alameda Campus - Construction Onsite
Construction Start Date	5/1/2024
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	0.50
Precipitation (days)	18.4
Location	640 S Alameda St, Los Angeles, CA 90021, USA
County	Los Angeles-South Coast
City	Los Angeles
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4034
EDFZ	16
Electric Utility	Los Angeles Department of Water & Power
Gas Utility	Southern California Gas
App Version	2022.1.1.26

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
General Office Building	299	1000sqft	14.6	299,407	44,989	0.00	—	—
Industrial Park	299	1000sqft	0.00	299,012	0.00	0.00	—	—

Strip Mall	73.2	1000sqft	0.00	73,192	0.00	0.00	—	—
Unenclosed Parking with Elevator	759	Space	6.83	303,600	0.00	0.00	—	—
Other Non-Asphalt Surfaces	237	1000sqft	5.45	0.00	0.00	0.00	—	—
High Turnover (Sit Down Restaurant)	4.00	1000sqft	0.00	4,000	0.00	0.00	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Water	W-7	Adopt a Water Conservation Strategy
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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	64.3	67.7	77.7	0.14	2.38	10.0	12.0	2.19	1.00	2.81	14,556
Mit.	62.0	31.3	90.4	0.14	0.45	10.0	10.4	0.43	1.00	1.36	14,556
% Reduced	4%	54%	-16%	—	81%	—	13%	80%	—	51%	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	66.3	67.8	77.8	0.14	2.38	5.59	7.67	2.19	0.76	2.68	14,270
Mit.	62.6	31.4	90.5	0.14	0.45	5.59	5.76	0.43	0.76	0.94	14,270
% Reduced	6%	54%	-16%	—	81%	—	25%	80%	—	65%	—

Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	19.3	45.6	55.1	0.10	1.48	4.60	5.96	1.36	0.49	1.73	10,188
Mit.	18.3	22.2	64.6	0.10	0.30	4.60	4.81	0.29	0.49	0.69	10,188
% Reduced	5%	51%	-17%	—	80%	—	19%	78%	—	60%	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.53	8.33	10.1	0.02	0.27	0.84	1.09	0.25	0.09	0.32	1,687
Mit.	3.35	4.06	11.8	0.02	0.06	0.84	0.88	0.05	0.09	0.13	1,687
% Reduced	5%	51%	-17%	—	80%	—	19%	78%	—	60%	—

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	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
2024	6.42	67.7	77.7	0.14	2.38	10.0	12.0	2.19	1.00	2.81	14,556
2025	5.99	63.9	77.2	0.14	2.07	4.83	6.90	1.90	0.48	2.39	14,262
2026	64.3	33.4	44.1	0.08	1.11	1.86	2.97	1.02	0.19	1.21	7,931
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
2024	6.42	67.8	77.8	0.14	2.38	5.59	7.67	2.19	0.76	2.68	14,270
2025	5.99	63.9	77.2	0.14	2.07	4.83	6.90	1.90	0.48	2.39	14,265
2026	66.3	61.6	76.9	0.14	1.89	4.83	6.72	1.74	0.48	2.22	14,259
Average Daily	—	—	—	—	—	—	—	—	—	—	—
2024	3.43	35.0	39.4	0.08	1.35	4.60	5.96	1.24	0.49	1.73	8,160
2025	4.28	45.6	55.1	0.10	1.48	3.28	4.75	1.36	0.33	1.69	10,188
2026	19.3	15.8	20.2	0.04	0.50	1.03	1.53	0.46	0.10	0.56	3,694
Annual	—	—	—	—	—	—	—	—	—	—	—

2024	0.63	6.38	7.18	0.01	0.25	0.84	1.09	0.23	0.09	0.32	1,351
2025	0.78	8.33	10.1	0.02	0.27	0.60	0.87	0.25	0.06	0.31	1,687
2026	3.53	2.88	3.69	0.01	0.09	0.19	0.28	0.08	0.02	0.10	612

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	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
2024	2.06	31.3	90.4	0.14	0.45	10.0	10.4	0.43	1.00	1.36	14,556
2025	2.03	31.1	90.4	0.14	0.42	4.83	5.25	0.41	0.48	0.89	14,262
2026	62.0	18.7	50.8	0.08	0.22	1.86	2.07	0.21	0.19	0.40	7,931
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
2024	2.05	31.4	90.5	0.14	0.45	5.59	5.76	0.43	0.76	0.94	14,270
2025	2.02	31.2	90.5	0.14	0.42	4.83	5.25	0.41	0.48	0.89	14,265
2026	62.6	31.0	90.4	0.14	0.41	4.83	5.24	0.40	0.48	0.88	14,259
Average Daily	—	—	—	—	—	—	—	—	—	—	—
2024	1.05	12.8	48.9	0.08	0.21	4.60	4.81	0.20	0.49	0.69	8,160
2025	1.45	22.2	64.6	0.10	0.30	3.28	3.58	0.29	0.33	0.62	10,188
2026	18.3	8.33	23.5	0.04	0.10	1.03	1.13	0.10	0.10	0.20	3,694
Annual	—	—	—	—	—	—	—	—	—	—	—
2024	0.19	2.34	8.92	0.01	0.04	0.84	0.88	0.04	0.09	0.13	1,351
2025	0.26	4.06	11.8	0.02	0.06	0.60	0.65	0.05	0.06	0.11	1,687
2026	3.35	1.52	4.29	0.01	0.02	0.19	0.21	0.02	0.02	0.04	612

3. Construction Emissions Details

3.1. Demolition (2024) - 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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.07	45.3	59.8	0.09	2.08	—	2.08	1.91	—	1.91	9,207
Demolition	—	—	—	—	—	3.92	3.92	—	0.59	0.59	—
Onsite truck	0.11	2.47	1.80	< 0.005	< 0.005	1.68	1.68	< 0.005	0.17	0.17	424
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.07	45.3	59.8	0.09	2.08	—	2.08	1.91	—	1.91	9,207
Demolition	—	—	—	—	—	3.92	3.92	—	0.59	0.59	—
Onsite truck	0.10	2.59	1.85	< 0.005	< 0.005	1.68	1.68	< 0.005	0.17	0.17	428
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.61	5.46	7.21	0.01	0.25	—	0.25	0.23	—	0.23	1,110
Demolition	—	—	—	—	—	0.47	0.47	—	0.07	0.07	—
Onsite truck	0.01	0.30	0.22	< 0.005	< 0.005	0.19	0.19	< 0.005	0.02	0.02	51.3
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.00	1.32	< 0.005	0.05	—	0.05	0.04	—	0.04	184
Demolition	—	—	—	—	—	0.09	0.09	—	0.01	0.01	—
Onsite truck	< 0.005	0.06	0.04	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	< 0.005	8.49
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Demolition (2024) - 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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.97	11.3	61.6	0.09	0.17	—	0.17	0.17	—	0.17	9,207
Demolition	—	—	—	—	—	3.92	3.92	—	0.59	0.59	—
Onsite truck	0.11	2.47	1.80	< 0.005	< 0.005	1.68	1.68	< 0.005	0.17	0.17	424
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.97	11.3	61.6	0.09	0.17	—	0.17	0.17	—	0.17	9,207

Demolition	—	—	—	—	—	3.92	3.92	—	0.59	0.59	—
Onsite truck	0.10	2.59	1.85	< 0.005	< 0.005	1.68	1.68	< 0.005	0.17	0.17	428
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	1.36	7.42	0.01	0.02	—	0.02	0.02	—	0.02	1,110
Demolition	—	—	—	—	—	0.47	0.47	—	0.07	0.07	—
Onsite truck	0.01	0.30	0.22	< 0.005	< 0.005	0.19	0.19	< 0.005	0.02	0.02	51.3
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.25	1.35	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	184
Demolition	—	—	—	—	—	0.09	0.09	—	0.01	0.01	—
Onsite truck	< 0.005	0.06	0.04	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	< 0.005	8.49
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	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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3.3. Grading (2024) - 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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.94	35.8	39.3	0.07	1.81	—	1.81	1.66	—	1.66	7,999
Dust From Material Movement	—	—	—	—	—	0.83	0.83	—	0.09	0.09	—
Onsite truck	0.13	2.92	2.12	0.01	< 0.005	9.10	9.10	< 0.005	0.91	0.91	500
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	3.34	3.66	0.01	0.17	—	0.17	0.15	—	0.15	745
Dust From Material Movement	—	—	—	—	—	0.08	0.08	—	0.01	0.01	—
Onsite truck	0.01	0.28	0.20	< 0.005	< 0.005	0.81	0.81	< 0.005	0.08	0.08	46.8
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.61	0.67	< 0.005	0.03	—	0.03	0.03	—	0.03	123
Dust From Material Movement	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—
Onsite truck	< 0.005	0.05	0.04	< 0.005	< 0.005	0.15	0.15	< 0.005	0.01	0.01	7.75
Offsite	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Grading (2024) - 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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.76	4.52	47.9	0.07	0.15	—	0.15	0.15	—	0.15	7,999
Dust From Material Movement	—	—	—	—	—	0.83	0.83	—	0.09	0.09	—
Onsite truck	0.13	2.92	2.12	0.01	< 0.005	9.10	9.10	< 0.005	0.91	0.91	500
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.07	0.42	4.46	0.01	0.01	—	0.01	0.01	—	0.01	745
Dust From Material Movement	—	—	—	—	—	0.08	0.08	—	0.01	0.01	—
Onsite truck	0.01	0.28	0.20	< 0.005	< 0.005	0.81	0.81	< 0.005	0.08	0.08	46.8
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.08	0.81	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	123
Dust From Material Movement	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—
Onsite truck	< 0.005	0.05	0.04	< 0.005	< 0.005	0.15	0.15	< 0.005	0.01	0.01	7.75
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Foundations (2024) - 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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.74	48.2	50.8	0.13	1.96	—	1.96	1.80	—	1.80	14,005
Onsite truck	0.14	3.22	2.34	0.01	< 0.005	10.0	10.0	< 0.005	1.00	1.00	551
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.04	10.6	11.1	0.03	0.43	—	0.43	0.40	—	0.40	3,070
Onsite truck	0.03	0.72	0.52	< 0.005	< 0.005	2.09	2.09	< 0.005	0.21	0.21	121
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	1.93	2.03	0.01	0.08	—	0.08	0.07	—	0.07	508
Onsite truck	0.01	0.13	0.09	< 0.005	< 0.005	0.38	0.38	< 0.005	0.04	0.04	20.1
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—

Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Foundations (2024) - 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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.71	14.1	77.2	0.13	0.37	—	0.37	0.36	—	0.36	14,005
Onsite truck	0.14	3.22	2.34	0.01	< 0.005	10.0	10.0	< 0.005	1.00	1.00	551
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.38	3.10	16.9	0.03	0.08	—	0.08	0.08	—	0.08	3,070
Onsite truck	0.03	0.72	0.52	< 0.005	< 0.005	2.09	2.09	< 0.005	0.21	0.21	121
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.57	3.09	0.01	0.01	—	0.01	0.01	—	0.01	508
Onsite truck	0.01	0.13	0.09	< 0.005	< 0.005	0.38	0.38	< 0.005	0.04	0.04	20.1
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Building Construction (2024) - 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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	6.36	66.2	76.6	0.14	2.38	—	2.38	2.19	—	2.19	14,002
Onsite truck	0.07	1.55	1.12	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	265
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	6.36	66.2	76.6	0.14	2.38	—	2.38	2.19	—	2.19	14,002
Onsite truck	0.06	1.62	1.16	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	268
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.34	14.0	16.2	0.03	0.50	—	0.50	0.46	—	0.46	2,959
Onsite truck	0.01	0.33	0.24	< 0.005	< 0.005	0.97	0.97	< 0.005	0.10	0.10	56.3
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	2.55	2.96	0.01	0.09	—	0.09	0.08	—	0.08	490

Onsite truck	< 0.005	0.06	0.04	< 0.005	< 0.005	0.18	0.18	< 0.005	0.02	0.02	9.33
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Building Construction (2024) - 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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.99	29.8	89.3	0.14	0.45	—	0.45	0.43	—	0.43	14,002

Onsite truck	0.07	1.55	1.12	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	265
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.99	29.8	89.3	0.14	0.45	—	0.45	0.43	—	0.43	14,002
Onsite truck	0.06	1.62	1.16	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	268
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	6.29	18.9	0.03	0.09	—	0.09	0.09	—	0.09	2,959
Onsite truck	0.01	0.33	0.24	< 0.005	< 0.005	0.97	0.97	< 0.005	0.10	0.10	56.3
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	1.15	3.45	0.01	0.02	—	0.02	0.02	—	0.02	490
Onsite truck	< 0.005	0.06	0.04	< 0.005	< 0.005	0.18	0.18	< 0.005	0.02	0.02	9.33
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.93	62.3	76.1	0.14	2.07	—	2.07	1.90	—	1.90	14,001
Onsite truck	0.07	1.53	1.12	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	261
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.93	62.3	76.1	0.14	2.07	—	2.07	1.90	—	1.90	14,001
Onsite truck	0.06	1.61	1.16	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	264
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.23	44.5	54.3	0.10	1.48	—	1.48	1.36	—	1.36	10,001
Onsite truck	0.05	1.12	0.81	< 0.005	< 0.005	3.28	3.28	< 0.005	0.33	0.33	187
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	8.12	9.92	0.02	0.27	—	0.27	0.25	—	0.25	1,656
Onsite truck	0.01	0.20	0.15	< 0.005	< 0.005	0.60	0.60	< 0.005	0.06	0.06	31.0
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Building Construction (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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.96	29.6	89.3	0.14	0.42	—	0.42	0.41	—	0.41	14,001
Onsite truck	0.07	1.53	1.12	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	261
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.96	29.6	89.3	0.14	0.42	—	0.42	0.41	—	0.41	14,001
Onsite truck	0.06	1.61	1.16	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	264
Average Daily	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	1.40	21.1	63.8	0.10	0.30	—	0.30	0.29	—	0.29	10,001
Onsite truck	0.05	1.12	0.81	< 0.005	< 0.005	3.28	3.28	< 0.005	0.33	0.33	187
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.26	3.85	11.6	0.02	0.06	—	0.06	0.05	—	0.05	1,656
Onsite truck	0.01	0.20	0.15	< 0.005	< 0.005	0.60	0.60	< 0.005	0.06	0.06	31.0
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Building Construction (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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.70	60.0	75.7	0.14	1.89	—	1.89	1.74	—	1.74	13,999
Onsite truck	0.06	1.59	1.16	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	260
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.83	8.69	11.0	0.02	0.27	—	0.27	0.25	—	0.25	2,027
Onsite truck	0.01	0.22	0.16	< 0.005	< 0.005	0.66	0.66	< 0.005	0.07	0.07	37.4
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	1.59	2.00	< 0.005	0.05	—	0.05	0.05	—	0.05	336
Onsite truck	< 0.005	0.04	0.03	< 0.005	< 0.005	0.12	0.12	< 0.005	0.01	0.01	6.19
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Building Construction (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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.95	29.4	89.3	0.14	0.41	—	0.41	0.40	—	0.40	13,999
Onsite truck	0.06	1.59	1.16	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	260
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	4.26	12.9	0.02	0.06	—	0.06	0.06	—	0.06	2,027
Onsite truck	0.01	0.22	0.16	< 0.005	< 0.005	0.66	0.66	< 0.005	0.07	0.07	37.4
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.78	2.36	< 0.005	0.01	—	0.01	0.01	—	0.01	336
Onsite truck	< 0.005	0.04	0.03	< 0.005	< 0.005	0.12	0.12	< 0.005	0.01	0.01	6.19
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Paving (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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.41	32.8	43.7	0.08	1.11	—	1.11	1.02	—	1.02	7,832
Paving	0.24	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.03	0.58	0.43	< 0.005	< 0.005	1.86	1.86	< 0.005	0.19	0.19	98.9
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.41	32.8	43.7	0.08	1.11	—	1.11	1.02	—	1.02	7,832
Paving	0.24	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.02	0.61	0.45	< 0.005	< 0.005	1.86	1.86	< 0.005	0.19	0.19	100
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.70	6.75	8.98	0.02	0.23	—	0.23	0.21	—	0.21	1,609
Paving	0.05	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.01	0.12	0.09	< 0.005	< 0.005	0.36	0.36	< 0.005	0.04	0.04	20.4
Annual	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.13	1.23	1.64	< 0.005	0.04	—	0.04	0.04	—	0.04	266
Paving	0.01	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	0.02	0.02	< 0.005	< 0.005	0.07	0.07	< 0.005	0.01	0.01	3.38
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Paving (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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.16	18.1	50.3	0.08	0.22	—	0.22	0.21	—	0.21	7,832
Paving	0.24	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.03	0.58	0.43	< 0.005	< 0.005	1.86	1.86	< 0.005	0.19	0.19	98.9
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.16	18.1	50.3	0.08	0.22	—	0.22	0.21	—	0.21	7,832
Paving	0.24	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.02	0.61	0.45	< 0.005	< 0.005	1.86	1.86	< 0.005	0.19	0.19	100
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	3.72	10.3	0.02	0.04	—	0.04	0.04	—	0.04	1,609
Paving	0.05	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.01	0.12	0.09	< 0.005	< 0.005	0.36	0.36	< 0.005	0.04	0.04	20.4
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.68	1.89	< 0.005	0.01	—	0.01	0.01	—	0.01	266
Paving	0.01	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	0.02	0.02	< 0.005	< 0.005	0.07	0.07	< 0.005	0.01	0.01	3.38
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Architectural Coating (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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	60.6	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	60.6	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	17.8	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—

Architectural Coatings	3.24	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.16. Architectural Coating (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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—

Architectural Coatings	60.6	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	60.6	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	17.8	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	3.24	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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

4.10. 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	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	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	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	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—

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)

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	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	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

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	2/7/2024	4/8/2024	5.00	44.0	—
Grading	Grading	4/9/2024	5/24/2024	5.00	34.0	—
Foundations	Building Construction	5/25/2024	9/14/2024	5.00	80.0	—
Building Construction	Building Construction	9/15/2024	3/15/2026	5.00	390	—
Paving	Paving	3/16/2026	6/28/2026	5.00	75.0	—
Architectural Coating	Architectural Coating	1/1/2026	5/31/2026	5.00	107	—

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
Demolition	Air Compressors	Diesel	Average	2.00	8.00	37.0	0.48
Demolition	Concrete/Industrial Saws	Diesel	Average	5.00	8.00	33.0	0.73
Demolition	Other Construction Equipment	Diesel	Average	5.00	8.00	82.0	0.42
Demolition	Excavators	Diesel	Average	4.00	8.00	158	0.38
Demolition	Rough Terrain Forklifts	Diesel	Average	2.00	8.00	96.0	0.40
Demolition	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Demolition	Rubber Tired Loaders	Diesel	Average	1.00	8.00	150	0.36
Demolition	Tractors/Loaders/Back hoes	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Excavators	Diesel	Average	2.00	8.00	158	0.38
Grading	Other Construction Equipment	Diesel	Average	2.00	8.00	82.0	0.42

Grading	Rollers	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Rubber Tired Loaders	Diesel	Average	2.00	8.00	150	0.36
Grading	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Grading	Tractors/Loaders/Back hoes	Diesel	Average	2.00	8.00	84.0	0.37
Grading	Crawler Tractors	Diesel	Average	2.00	8.00	87.0	0.43
Foundations	Cranes	Diesel	Average	2.00	12.0	367	0.29
Foundations	Other Construction Equipment	Diesel	Average	2.00	12.0	82.0	0.42
Foundations	Pumps	Diesel	Average	2.00	12.0	11.0	0.74
Foundations	Plate Compactors	Diesel	Average	2.00	12.0	8.00	0.43
Foundations	Rough Terrain Forklifts	Diesel	Average	2.00	12.0	96.0	0.40
Foundations	Skid Steer Loaders	Diesel	Average	2.00	12.0	71.0	0.37
Foundations	Surfacing Equipment	Diesel	Average	4.00	12.0	399	0.30
Foundations	Tractors/Loaders/Back hoes	Diesel	Average	2.00	12.0	84.0	0.37
Foundations	Welders	Diesel	Average	1.00	12.0	46.0	0.45
Building Construction	Air Compressors	Diesel	Average	2.00	8.00	37.0	0.48
Building Construction	Aerial Lifts	Diesel	Average	16.0	8.00	46.0	0.31
Building Construction	Concrete/Industrial Saws	Diesel	Average	2.00	8.00	33.0	0.73
Building Construction	Cranes	Diesel	Average	4.00	8.00	367	0.29
Building Construction	Other Construction Equipment	Diesel	Average	6.00	8.00	82.0	0.42
Building Construction	Pumps	Diesel	Average	2.00	8.00	11.0	0.74
Building Construction	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43
Building Construction	Rough Terrain Forklifts	Diesel	Average	6.00	8.00	96.0	0.40
Building Construction	Skid Steer Loaders	Diesel	Average	2.00	8.00	71.0	0.37
Building Construction	Welders	Diesel	Average	4.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Back hoes	Diesel	Average	4.00	8.00	84.0	0.37

Paving	Air Compressors	Diesel	Average	2.00	8.00	37.0	0.48
Paving	Aerial Lifts	Diesel	Average	4.00	8.00	46.0	0.31
Paving	Cement and Mortar Mixers	Diesel	Average	2.00	8.00	10.0	0.56
Paving	Concrete/Industrial Saws	Diesel	Average	2.00	8.00	33.0	0.73
Paving	Cranes	Diesel	Average	2.00	8.00	367	0.29
Paving	Other Construction Equipment	Diesel	Average	1.00	8.00	82.0	0.42
Paving	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Paving	Pumps	Diesel	Average	1.00	8.00	11.0	0.74
Paving	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43
Paving	Rough Terrain Forklifts	Diesel	Average	2.00	8.00	96.0	0.40
Paving	Rubber Tired Loaders	Diesel	Average	1.00	8.00	150	0.36
Paving	Skid Steer Loaders	Diesel	Average	4.00	8.00	71.0	0.37
Paving	Tractors/Loaders/Back hoes	Diesel	Average	2.00	8.00	84.0	0.37
Paving	Trenchers	Diesel	Average	2.00	8.00	40.0	0.50

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Air Compressors	Diesel	Tier 4 Final	2.00	8.00	37.0	0.48
Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	5.00	8.00	33.0	0.73
Demolition	Other Construction Equipment	Diesel	Tier 4 Final	5.00	8.00	82.0	0.42
Demolition	Excavators	Diesel	Tier 4 Final	4.00	8.00	158	0.38
Demolition	Rough Terrain Forklifts	Diesel	Tier 4 Final	2.00	8.00	96.0	0.40
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40

Demolition	Rubber Tired Loaders	Diesel	Tier 4 Final	1.00	8.00	150	0.36
Demolition	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading	Excavators	Diesel	Tier 4 Final	2.00	8.00	158	0.38
Grading	Other Construction Equipment	Diesel	Tier 4 Final	2.00	8.00	82.0	0.42
Grading	Rollers	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
Grading	Rubber Tired Loaders	Diesel	Tier 4 Final	2.00	8.00	150	0.36
Grading	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Grading	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Grading	Crawler Tractors	Diesel	Tier 4 Final	2.00	8.00	87.0	0.43
Foundations	Cranes	Diesel	Tier 4 Final	2.00	12.0	367	0.29
Foundations	Other Construction Equipment	Diesel	Tier 4 Final	2.00	12.0	82.0	0.42
Foundations	Pumps	Diesel	Average	2.00	12.0	11.0	0.74
Foundations	Plate Compactors	Diesel	Average	2.00	12.0	8.00	0.43
Foundations	Rough Terrain Forklifts	Diesel	Tier 4 Final	2.00	12.0	96.0	0.40
Foundations	Skid Steer Loaders	Diesel	Tier 4 Final	2.00	12.0	71.0	0.37
Foundations	Surfacing Equipment	Diesel	Tier 4 Final	4.00	12.0	399	0.30
Foundations	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	12.0	84.0	0.37
Foundations	Welders	Diesel	Tier 4 Final	1.00	12.0	46.0	0.45
Building Construction	Air Compressors	Diesel	Tier 4 Final	2.00	8.00	37.0	0.48
Building Construction	Aerial Lifts	Diesel	Tier 4 Final	16.0	8.00	46.0	0.31
Building Construction	Concrete/Industrial Saws	Diesel	Tier 4 Final	2.00	8.00	33.0	0.73
Building Construction	Cranes	Diesel	Tier 4 Final	4.00	8.00	367	0.29
Building Construction	Other Construction Equipment	Diesel	Average	1.00	8.00	82.0	0.42

Building Construction	Other Construction Equipment	Diesel	Tier 4 Final	5.00	8.00	82.0	0.42
Building Construction	Pumps	Diesel	Average	2.00	8.00	11.0	0.74
Building Construction	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43
Building Construction	Rough Terrain Forklifts	Diesel	Tier 4 Final	6.00	8.00	96.0	0.40
Building Construction	Skid Steer Loaders	Diesel	Tier 4 Final	2.00	8.00	71.0	0.37
Building Construction	Welders	Diesel	Tier 4 Final	4.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Paving	Air Compressors	Diesel	Tier 4 Final	2.00	8.00	37.0	0.48
Paving	Aerial Lifts	Diesel	Tier 4 Final	4.00	8.00	46.0	0.31
Paving	Cement and Mortar Mixers	Diesel	Average	2.00	8.00	10.0	0.56
Paving	Concrete/Industrial Saws	Diesel	Tier 4 Final	2.00	8.00	33.0	0.73
Paving	Cranes	Diesel	Tier 4 Final	2.00	8.00	367	0.29
Paving	Other Construction Equipment	Diesel	Tier 4 Final	1.00	8.00	82.0	0.42
Paving	Pavers	Diesel	Tier 4 Final	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	1.00	8.00	89.0	0.36
Paving	Pumps	Diesel	Average	1.00	8.00	11.0	0.74
Paving	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43
Paving	Rough Terrain Forklifts	Diesel	Tier 4 Final	2.00	8.00	96.0	0.40
Paving	Rubber Tired Loaders	Diesel	Tier 4 Final	1.00	8.00	150	0.36
Paving	Skid Steer Loaders	Diesel	Tier 4 Final	4.00	8.00	71.0	0.37
Paving	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Paving	Trenchers	Diesel	Tier 4 Final	2.00	8.00	40.0	0.50

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	0.00	18.5	LDA,LDT1,LDT2
Demolition	Vendor	0.00	10.2	HHDT,MHDT
Demolition	Hauling	0.00	33.0	HHDT
Demolition	Onsite truck	166	0.20	HHDT
Grading	—	—	—	—
Grading	Worker	0.00	18.5	LDA,LDT1,LDT2
Grading	Vendor	0.00	10.2	HHDT,MHDT
Grading	Hauling	0.00	33.0	HHDT
Grading	Onsite truck	196	0.20	HHDT
Foundations	—	—	—	—
Foundations	Worker	0.00	18.5	LDA,LDT1,LDT2
Foundations	Vendor	0.00	2.60	HHDT,MHDT
Foundations	Hauling	0.00	33.0	HHDT
Foundations	Onsite truck	216	0.20	HHDT
Paving	—	—	—	—
Paving	Worker	0.00	18.5	LDA,LDT1,LDT2
Paving	Vendor	0.00	10.2	HHDT,MHDT
Paving	Hauling	0.00	33.0	HHDT
Paving	Onsite truck	40.0	0.20	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	0.00	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	0.00	0.00	HHDT
Building Construction	—	—	—	—

Building Construction	Worker	0.00	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	0.00	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	33.0	HHDT
Building Construction	Onsite truck	104	0.20	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	0.00	18.5	LDA,LDT1,LDT2
Demolition	Vendor	0.00	10.2	HHDT,MHDT
Demolition	Hauling	0.00	33.0	HHDT
Demolition	Onsite truck	166	0.20	HHDT
Grading	—	—	—	—
Grading	Worker	0.00	18.5	LDA,LDT1,LDT2
Grading	Vendor	0.00	10.2	HHDT,MHDT
Grading	Hauling	0.00	33.0	HHDT
Grading	Onsite truck	196	0.20	HHDT
Foundations	—	—	—	—
Foundations	Worker	0.00	18.5	LDA,LDT1,LDT2
Foundations	Vendor	0.00	2.60	HHDT,MHDT
Foundations	Hauling	0.00	33.0	HHDT
Foundations	Onsite truck	216	0.20	HHDT
Paving	—	—	—	—
Paving	Worker	0.00	18.5	LDA,LDT1,LDT2
Paving	Vendor	0.00	10.2	HHDT,MHDT
Paving	Hauling	0.00	33.0	HHDT
Paving	Onsite truck	40.0	0.20	HHDT
Architectural Coating	—	—	—	—

Architectural Coating	Worker	0.00	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	0.00	0.00	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	0.00	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	0.00	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	33.0	HHDT
Building Construction	Onsite truck	104	0.20	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

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

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)
Architectural Coating	0.00	0.00	1,026,807	339,293	32,088

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)
Demolition	0.00	0.00	0.00	286,000	—
Grading	0.00	40,000	102	0.00	—

Paving	0.00	0.00	0.00	0.00	12.3
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5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
General Office Building	0.00	0%
Industrial Park	0.00	0%
Strip Mall	0.00	0%
Unenclosed Parking with Elevator	6.83	100%
Other Non-Asphalt Surfaces	5.45	0%
High Turnover (Sit Down Restaurant)	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	690	0.05	0.01
2025	0.00	690	0.05	0.01
2026	0.00	690	0.05	0.01

8. User Changes to Default Data

Screen	Justification
Characteristics: Utility Information	Carbon Intensity for 2026

Land Use	Site Specific
Construction: Construction Phases	Site Specific
Construction: Off-Road Equipment	Site Specific
Construction: Trips and VMT	Site Specific
Operations: Energy Use	Implementation of GHG-PDF-1
Construction: On-Road Fugitive Dust	Max onsite vehicle speed of 10mph.
Operations: Generators + Pumps EF	SCAQMD Rule 1472

6 and Alameda Campus - Construction and Operations (Implementation of GHG-PDF-1) Custom 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	6 and Alameda Campus - Construction and Operations (Implementation of GHG-PDF-1)
Construction Start Date	5/1/2024
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	0.50
Precipitation (days)	18.4
Location	640 S Alameda St, Los Angeles, CA 90021, USA
County	Los Angeles-South Coast
City	Los Angeles
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4034
EDFZ	16
Electric Utility	Los Angeles Department of Water & Power
Gas Utility	Southern California Gas
App Version	2022.1.1.26

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
General Office Building	299	1000sqft	14.6	299,407	44,989	0.00	—	—

Industrial Park	299	1000sqft	0.00	299,012	0.00	0.00	—	—
Strip Mall	73.2	1000sqft	0.00	73,192	0.00	0.00	—	—
Unenclosed Parking with Elevator	759	Space	6.83	303,600	0.00	0.00	—	—
Other Non-Asphalt Surfaces	237	1000sqft	5.45	0.00	0.00	0.00	—	—
High Turnover (Sit Down Restaurant)	4.00	1000sqft	0.00	4,000	0.00	0.00	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Water	W-7	Adopt a Water Conservation Strategy
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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	64.5	75.1	97.4	0.22	2.45	16.0	18.1	2.26	2.65	4.59	31,343
Mit.	62.3	38.7	110	0.22	0.52	16.0	16.5	0.50	2.65	3.07	31,343
% Reduced	3%	48%	-13%	—	79%	—	9%	78%	—	33%	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	67.3	75.6	94.8	0.21	2.45	10.8	13.1	2.26	2.18	4.32	28,849
Mit.	63.5	39.2	108	0.21	0.52	10.8	11.2	0.50	2.18	2.58	28,849

% Reduced	6%	48%	-13%	—	79%	—	15%	78%	—	40%	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	19.5	51.0	66.9	0.13	1.53	7.26	8.69	1.40	1.17	2.49	16,283
Mit.	18.5	27.6	76.4	0.13	0.35	7.26	7.55	0.33	1.17	1.45	16,283
% Reduced	5%	46%	-14%	—	77%	—	13%	76%	—	42%	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.57	9.31	12.2	0.02	0.28	1.32	1.59	0.26	0.21	0.46	2,696
Mit.	3.38	5.04	13.9	0.02	0.06	1.32	1.38	0.06	0.21	0.27	2,696
% Reduced	5%	46%	-14%	—	77%	—	13%	76%	—	42%	—

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	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
2024	7.56	75.1	97.4	0.22	2.45	16.0	18.1	2.26	2.65	4.59	31,343
2025	7.06	70.9	95.4	0.18	2.14	9.19	11.3	1.96	1.56	3.52	22,927
2026	64.5	36.5	49.2	0.10	1.15	3.34	4.48	1.05	0.56	1.61	11,408
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
2024	7.54	75.6	94.8	0.21	2.45	10.8	13.1	2.26	2.18	4.32	28,849
2025	7.04	71.3	93.1	0.18	2.14	9.19	11.3	1.96	1.56	3.52	22,747
2026	67.3	68.6	91.7	0.18	1.96	9.19	11.2	1.79	1.56	3.35	22,588
Average Daily	—	—	—	—	—	—	—	—	—	—	—
2024	3.93	43.3	47.9	0.12	1.43	7.26	8.69	1.32	1.17	2.49	15,655
2025	5.03	51.0	66.9	0.13	1.53	6.36	7.88	1.40	1.09	2.49	16,283
2026	19.5	17.5	23.4	0.04	0.52	1.95	2.47	0.48	0.33	0.81	5,615

Annual	—	—	—	—	—	—	—	—	—	—	—
2024	0.72	7.90	8.74	0.02	0.26	1.32	1.59	0.24	0.21	0.46	2,592
2025	0.92	9.31	12.2	0.02	0.28	1.16	1.44	0.26	0.20	0.45	2,696
2026	3.57	3.19	4.27	0.01	0.09	0.36	0.45	0.09	0.06	0.15	930

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	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
2024	3.20	38.7	110	0.22	0.52	16.0	16.5	0.50	2.65	3.07	31,343
2025	3.10	38.1	109	0.18	0.49	9.19	9.68	0.46	1.56	2.03	22,927
2026	62.3	21.8	55.8	0.10	0.25	3.34	3.59	0.24	0.56	0.80	11,408
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
2024	3.17	39.2	108	0.21	0.52	10.8	11.2	0.50	2.18	2.58	28,849
2025	3.08	38.5	106	0.18	0.49	9.19	9.68	0.46	1.56	2.03	22,747
2026	63.5	38.0	105	0.18	0.49	9.19	9.67	0.45	1.56	2.02	22,588
Average Daily	—	—	—	—	—	—	—	—	—	—	—
2024	1.55	21.1	57.4	0.12	0.29	7.26	7.55	0.28	1.17	1.45	15,655
2025	2.20	27.6	76.4	0.13	0.35	6.36	6.71	0.33	1.09	1.42	16,283
2026	18.5	10.0	26.7	0.04	0.12	1.95	2.07	0.12	0.33	0.45	5,615
Annual	—	—	—	—	—	—	—	—	—	—	—
2024	0.28	3.85	10.5	0.02	0.05	1.32	1.38	0.05	0.21	0.27	2,592
2025	0.40	5.04	13.9	0.02	0.06	1.16	1.22	0.06	0.20	0.26	2,696
2026	3.38	1.83	4.87	0.01	0.02	0.36	0.38	0.02	0.06	0.08	930

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	40.4	32.0	151	0.25	0.40	19.8	20.2	0.41	5.04	5.45	49,043
Mit.	40.4	32.0	151	0.25	0.40	19.8	20.2	0.41	5.04	5.45	47,502
% Reduced	—	—	—	—	—	—	—	—	—	—	3%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	33.2	32.5	101	0.24	0.34	19.8	20.2	0.33	5.04	5.37	47,891
Mit.	33.2	32.5	101	0.24	0.34	19.8	20.2	0.33	5.04	5.37	46,350
% Reduced	—	—	—	—	—	—	—	—	—	—	3%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	35.7	22.8	127	0.23	0.34	19.6	19.9	0.34	4.98	5.32	47,147
Mit.	35.7	22.8	127	0.23	0.34	19.6	19.9	0.34	4.98	5.32	45,607
% Reduced	—	—	—	—	—	—	—	—	—	—	3%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.51	4.17	23.2	0.04	0.06	3.58	3.64	0.06	0.91	0.97	7,806
Mit.	6.51	4.17	23.2	0.04	0.06	3.58	3.64	0.06	0.91	0.97	7,551
% Reduced	—	—	—	—	—	—	—	—	—	—	3%

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Mobile	12.1	8.30	94.3	0.22	0.14	19.8	20.0	0.13	5.04	5.17	22,512
Area	23.3	0.36	42.6	< 0.005	0.06	—	0.06	0.08	—	0.08	176
Energy	0.08	1.37	1.15	0.01	0.10	—	0.10	0.10	—	0.10	20,153

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Water	—	—	—	—	—	—	—	—	—	—	2,131
Waste	—	—	—	—	—	—	—	—	—	—	1,459
Refrig.	—	—	—	—	—	—	—	—	—	—	85.3
Stationary	4.92	22.0	12.6	0.02	0.10	0.00	0.10	0.10	0.00	0.10	2,527
Total	40.4	32.0	151	0.25	0.40	19.8	20.2	0.41	5.04	5.45	49,043
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Mobile	11.9	9.08	87.8	0.21	0.14	19.8	20.0	0.13	5.04	5.17	21,536
Area	16.3	—	—	—	—	—	—	—	—	—	—
Energy	0.08	1.37	1.15	0.01	0.10	—	0.10	0.10	—	0.10	20,153
Water	—	—	—	—	—	—	—	—	—	—	2,131
Waste	—	—	—	—	—	—	—	—	—	—	1,459
Refrig.	—	—	—	—	—	—	—	—	—	—	85.3
Stationary	4.92	22.0	12.6	0.02	0.10	0.00	0.10	0.10	0.00	0.10	2,527
Total	33.2	32.5	101	0.24	0.34	19.8	20.2	0.33	5.04	5.37	47,891
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Mobile	11.8	9.16	89.9	0.21	0.14	19.6	19.8	0.13	4.98	5.11	21,814
Area	21.1	0.25	29.2	< 0.005	0.04	—	0.04	0.05	—	0.05	120
Energy	0.08	1.37	1.15	0.01	0.10	—	0.10	0.10	—	0.10	20,153
Water	—	—	—	—	—	—	—	—	—	—	2,131
Waste	—	—	—	—	—	—	—	—	—	—	1,459
Refrig.	—	—	—	—	—	—	—	—	—	—	85.3
Stationary	2.70	12.1	6.88	0.01	0.05	0.00	0.05	0.05	0.00	0.05	1,385
Total	35.7	22.8	127	0.23	0.34	19.6	19.9	0.34	4.98	5.32	47,147
Annual	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.16	1.67	16.4	0.04	0.03	3.58	3.60	0.02	0.91	0.93	3,612
Area	3.84	0.04	5.32	< 0.005	0.01	—	0.01	0.01	—	0.01	19.9
Energy	0.01	0.25	0.21	< 0.005	0.02	—	0.02	0.02	—	0.02	3,337
Water	—	—	—	—	—	—	—	—	—	—	353

Waste	—	—	—	—	—	—	—	—	—	—	242
Refrig.	—	—	—	—	—	—	—	—	—	—	14.1
Stationary	0.49	2.20	1.26	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	229
Total	6.51	4.17	23.2	0.04	0.06	3.58	3.64	0.06	0.91	0.97	7,806

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Mobile	12.1	8.30	94.3	0.22	0.14	19.8	20.0	0.13	5.04	5.17	22,512
Area	23.3	0.36	42.6	< 0.005	0.06	—	0.06	0.08	—	0.08	176
Energy	0.08	1.37	1.15	0.01	0.10	—	0.10	0.10	—	0.10	20,153
Water	—	—	—	—	—	—	—	—	—	—	1,705
Waste	—	—	—	—	—	—	—	—	—	—	344
Refrig.	—	—	—	—	—	—	—	—	—	—	85.3
Stationary	4.92	22.0	12.6	0.02	0.10	0.00	0.10	0.10	0.00	0.10	2,527
Total	40.4	32.0	151	0.25	0.40	19.8	20.2	0.41	5.04	5.45	47,502
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Mobile	11.9	9.08	87.8	0.21	0.14	19.8	20.0	0.13	5.04	5.17	21,536
Area	16.3	—	—	—	—	—	—	—	—	—	—
Energy	0.08	1.37	1.15	0.01	0.10	—	0.10	0.10	—	0.10	20,153
Water	—	—	—	—	—	—	—	—	—	—	1,705
Waste	—	—	—	—	—	—	—	—	—	—	344
Refrig.	—	—	—	—	—	—	—	—	—	—	85.3
Stationary	4.92	22.0	12.6	0.02	0.10	0.00	0.10	0.10	0.00	0.10	2,527
Total	33.2	32.5	101	0.24	0.34	19.8	20.2	0.33	5.04	5.37	46,350
Average Daily	—	—	—	—	—	—	—	—	—	—	—

Mobile	11.8	9.16	89.9	0.21	0.14	19.6	19.8	0.13	4.98	5.11	21,814
Area	21.1	0.25	29.2	< 0.005	0.04	—	0.04	0.05	—	0.05	120
Energy	0.08	1.37	1.15	0.01	0.10	—	0.10	0.10	—	0.10	20,153
Water	—	—	—	—	—	—	—	—	—	—	1,705
Waste	—	—	—	—	—	—	—	—	—	—	344
Refrig.	—	—	—	—	—	—	—	—	—	—	85.3
Stationary	2.70	12.1	6.88	0.01	0.05	0.00	0.05	0.05	0.00	0.05	1,385
Total	35.7	22.8	127	0.23	0.34	19.6	19.9	0.34	4.98	5.32	45,607
Annual	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.16	1.67	16.4	0.04	0.03	3.58	3.60	0.02	0.91	0.93	3,612
Area	3.84	0.04	5.32	< 0.005	0.01	—	0.01	0.01	—	0.01	19.9
Energy	0.01	0.25	0.21	< 0.005	0.02	—	0.02	0.02	—	0.02	3,337
Water	—	—	—	—	—	—	—	—	—	—	282
Waste	—	—	—	—	—	—	—	—	—	—	57.0
Refrig.	—	—	—	—	—	—	—	—	—	—	14.1
Stationary	0.49	2.20	1.26	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	229
Total	6.51	4.17	23.2	0.04	0.06	3.58	3.64	0.06	0.91	0.97	7,551

3. Construction Emissions Details

3.1. Demolition (2024) - 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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.07	45.3	59.8	0.09	2.08	—	2.08	1.91	—	1.91	9,207
Demolition	—	—	—	—	—	3.92	3.92	—	0.59	0.59	—

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Onsite truck	0.11	2.47	1.80	< 0.005	< 0.005	1.68	1.68	< 0.005	0.17	0.17	424
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.07	45.3	59.8	0.09	2.08	—	2.08	1.91	—	1.91	9,207
Demolition	—	—	—	—	—	3.92	3.92	—	0.59	0.59	—
Onsite truck	0.10	2.59	1.85	< 0.005	< 0.005	1.68	1.68	< 0.005	0.17	0.17	428
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.61	5.46	7.21	0.01	0.25	—	0.25	0.23	—	0.23	1,110
Demolition	—	—	—	—	—	0.47	0.47	—	0.07	0.07	—
Onsite truck	0.01	0.30	0.22	< 0.005	< 0.005	0.19	0.19	< 0.005	0.02	0.02	51.3
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.00	1.32	< 0.005	0.05	—	0.05	0.04	—	0.04	184
Demolition	—	—	—	—	—	0.09	0.09	—	0.01	0.01	—
Onsite truck	< 0.005	0.06	0.04	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	< 0.005	8.49
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.19	3.02	0.00	0.00	0.52	0.52	0.00	0.12	0.12	573
Vendor	0.02	0.61	0.30	< 0.005	0.01	0.14	0.14	0.01	0.04	0.05	539
Hauling	0.31	20.5	7.37	0.11	0.22	4.59	4.81	0.22	1.26	1.47	18,169
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.23	2.55	0.00	0.00	0.52	0.52	0.00	0.12	0.12	542
Vendor	0.02	0.63	0.31	< 0.005	0.01	0.14	0.14	0.01	0.04	0.05	538
Hauling	0.30	21.2	7.31	0.11	0.22	4.59	4.81	0.22	1.26	1.47	18,134
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.03	0.32	0.00	0.00	0.06	0.06	0.00	0.01	0.01	66.4
Vendor	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	64.9

Hauling	0.04	2.60	0.88	0.01	0.03	0.55	0.57	0.03	0.15	0.18	2,188
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.06	0.00	0.00	0.01	0.01	0.00	< 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	10.7
Hauling	0.01	0.48	0.16	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	362

3.2. Demolition (2024) - 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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.97	11.3	61.6	0.09	0.17	—	0.17	0.17	—	0.17	9,207
Demolition	—	—	—	—	—	3.92	3.92	—	0.59	0.59	—
Onsite truck	0.11	2.47	1.80	< 0.005	< 0.005	1.68	1.68	< 0.005	0.17	0.17	424
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.97	11.3	61.6	0.09	0.17	—	0.17	0.17	—	0.17	9,207
Demolition	—	—	—	—	—	3.92	3.92	—	0.59	0.59	—
Onsite truck	0.10	2.59	1.85	< 0.005	< 0.005	1.68	1.68	< 0.005	0.17	0.17	428
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	1.36	7.42	0.01	0.02	—	0.02	0.02	—	0.02	1,110
Demolition	—	—	—	—	—	0.47	0.47	—	0.07	0.07	—
Onsite truck	0.01	0.30	0.22	< 0.005	< 0.005	0.19	0.19	< 0.005	0.02	0.02	51.3
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.25	1.35	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	184

Demolition	—	—	—	—	—	0.09	0.09	—	0.01	0.01	—
Onsite truck	< 0.005	0.06	0.04	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	< 0.005	8.49
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.19	3.02	0.00	0.00	0.52	0.52	0.00	0.12	0.12	573
Vendor	0.02	0.61	0.30	< 0.005	0.01	0.14	0.14	0.01	0.04	0.05	539
Hauling	0.31	20.5	7.37	0.11	0.22	4.59	4.81	0.22	1.26	1.47	18,169
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.23	2.55	0.00	0.00	0.52	0.52	0.00	0.12	0.12	542
Vendor	0.02	0.63	0.31	< 0.005	0.01	0.14	0.14	0.01	0.04	0.05	538
Hauling	0.30	21.2	7.31	0.11	0.22	4.59	4.81	0.22	1.26	1.47	18,134
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.03	0.32	0.00	0.00	0.06	0.06	0.00	0.01	0.01	66.4
Vendor	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	64.9
Hauling	0.04	2.60	0.88	0.01	0.03	0.55	0.57	0.03	0.15	0.18	2,188
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.06	0.00	0.00	0.01	0.01	0.00	< 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	10.7
Hauling	0.01	0.48	0.16	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	362

3.3. Grading (2024) - 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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—

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Off-Road Equipment	3.94	35.8	39.3	0.07	1.81	—	1.81	1.66	—	1.66	7,999
Dust From Material Movement	—	—	—	—	—	0.83	0.83	—	0.09	0.09	—
Onsite truck	0.13	2.92	2.12	0.01	< 0.005	9.10	9.10	< 0.005	0.91	0.91	500
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	3.34	3.66	0.01	0.17	—	0.17	0.15	—	0.15	745
Dust From Material Movement	—	—	—	—	—	0.08	0.08	—	0.01	0.01	—
Onsite truck	0.01	0.28	0.20	< 0.005	< 0.005	0.81	0.81	< 0.005	0.08	0.08	46.8
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.61	0.67	< 0.005	0.03	—	0.03	0.03	—	0.03	123
Dust From Material Movement	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—
Onsite truck	< 0.005	0.05	0.04	< 0.005	< 0.005	0.15	0.15	< 0.005	0.01	0.01	7.75
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.17	2.64	0.00	0.00	0.46	0.46	0.00	0.11	0.11	502
Vendor	0.02	0.61	0.30	< 0.005	0.01	0.14	0.14	0.01	0.04	0.05	539
Hauling	0.38	24.5	8.85	0.13	0.26	5.51	5.77	0.26	1.51	1.77	21,803
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.02	0.22	0.00	0.00	0.04	0.04	0.00	0.01	0.01	44.9
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	50.2

Hauling	0.03	2.41	0.81	0.01	0.02	0.51	0.53	0.02	0.14	0.16	2,029
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	7.43
Vendor	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	8.31
Hauling	0.01	0.44	0.15	< 0.005	< 0.005	0.09	0.10	< 0.005	0.03	0.03	336

3.4. Grading (2024) - 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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.76	4.52	47.9	0.07	0.15	—	0.15	0.15	—	0.15	7,999
Dust From Material Movement	—	—	—	—	—	0.83	0.83	—	0.09	0.09	—
Onsite truck	0.13	2.92	2.12	0.01	< 0.005	9.10	9.10	< 0.005	0.91	0.91	500
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.42	4.46	0.01	0.01	—	0.01	0.01	—	0.01	745
Dust From Material Movement	—	—	—	—	—	0.08	0.08	—	0.01	0.01	—
Onsite truck	0.01	0.28	0.20	< 0.005	< 0.005	0.81	0.81	< 0.005	0.08	0.08	46.8
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.08	0.81	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	123

Dust From Material Movement	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—
Onsite truck	< 0.005	0.05	0.04	< 0.005	< 0.005	0.15	0.15	< 0.005	0.01	0.01	7.75
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.17	2.64	0.00	0.00	0.46	0.46	0.00	0.11	0.11	502
Vendor	0.02	0.61	0.30	< 0.005	0.01	0.14	0.14	0.01	0.04	0.05	539
Hauling	0.38	24.5	8.85	0.13	0.26	5.51	5.77	0.26	1.51	1.77	21,803
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.02	0.22	0.00	0.00	0.04	0.04	0.00	0.01	0.01	44.9
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	50.2
Hauling	0.03	2.41	0.81	0.01	0.02	0.51	0.53	0.02	0.14	0.16	2,029
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	7.43
Vendor	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	8.31
Hauling	0.01	0.44	0.15	< 0.005	< 0.005	0.09	0.10	< 0.005	0.03	0.03	336

3.5. Foundations (2024) - 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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.74	48.2	50.8	0.13	1.96	—	1.96	1.80	—	1.80	14,005
Onsite truck	0.14	3.22	2.34	0.01	< 0.005	10.0	10.0	< 0.005	1.00	1.00	551

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.04	10.6	11.1	0.03	0.43	—	0.43	0.40	—	0.40	3,070
Onsite truck	0.03	0.72	0.52	< 0.005	< 0.005	2.09	2.09	< 0.005	0.21	0.21	121
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	1.93	2.03	0.01	0.08	—	0.08	0.07	—	0.07	508
Onsite truck	0.01	0.13	0.09	< 0.005	< 0.005	0.38	0.38	< 0.005	0.04	0.04	20.1
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.56	0.60	9.43	0.00	0.00	1.63	1.63	0.00	0.38	0.38	1,791
Vendor	0.13	3.37	2.09	0.01	0.02	0.44	0.46	0.02	0.12	0.14	1,888
Hauling	0.03	2.18	0.79	0.01	0.02	0.49	0.51	0.02	0.13	0.16	1,938
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.15	1.84	0.00	0.00	0.35	0.35	0.00	0.08	0.08	377
Vendor	0.03	0.77	0.47	< 0.005	0.01	0.09	0.10	0.01	0.03	0.03	413
Hauling	0.01	0.50	0.17	< 0.005	0.01	0.11	0.11	0.01	0.03	0.03	424
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.03	0.34	0.00	0.00	0.06	0.06	0.00	0.02	0.02	62.4
Vendor	0.01	0.14	0.09	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	68.5
Hauling	< 0.005	0.09	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	70.2

3.6. Foundations (2024) - 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	CO2e
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Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.71	14.1	77.2	0.13	0.37	—	0.37	0.36	—	0.36	14,005
Onsite truck	0.14	3.22	2.34	0.01	< 0.005	10.0	10.0	< 0.005	1.00	1.00	551
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.38	3.10	16.9	0.03	0.08	—	0.08	0.08	—	0.08	3,070
Onsite truck	0.03	0.72	0.52	< 0.005	< 0.005	2.09	2.09	< 0.005	0.21	0.21	121
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.57	3.09	0.01	0.01	—	0.01	0.01	—	0.01	508
Onsite truck	0.01	0.13	0.09	< 0.005	< 0.005	0.38	0.38	< 0.005	0.04	0.04	20.1
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.56	0.60	9.43	0.00	0.00	1.63	1.63	0.00	0.38	0.38	1,791
Vendor	0.13	3.37	2.09	0.01	0.02	0.44	0.46	0.02	0.12	0.14	1,888
Hauling	0.03	2.18	0.79	0.01	0.02	0.49	0.51	0.02	0.13	0.16	1,938
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.15	1.84	0.00	0.00	0.35	0.35	0.00	0.08	0.08	377
Vendor	0.03	0.77	0.47	< 0.005	0.01	0.09	0.10	0.01	0.03	0.03	413
Hauling	0.01	0.50	0.17	< 0.005	0.01	0.11	0.11	0.01	0.03	0.03	424
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.03	0.34	0.00	0.00	0.06	0.06	0.00	0.02	0.02	62.4
Vendor	0.01	0.14	0.09	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	68.5

Hauling	< 0.005	0.09	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	70.2
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3.7. Building Construction (2024) - 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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	6.36	66.2	76.6	0.14	2.38	—	2.38	2.19	—	2.19	14,002
Onsite truck	0.07	1.55	1.12	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	265
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	6.36	66.2	76.6	0.14	2.38	—	2.38	2.19	—	2.19	14,002
Onsite truck	0.06	1.62	1.16	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	268
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.34	14.0	16.2	0.03	0.50	—	0.50	0.46	—	0.46	2,959
Onsite truck	0.01	0.33	0.24	< 0.005	< 0.005	0.97	0.97	< 0.005	0.10	0.10	56.3
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	2.55	2.96	0.01	0.09	—	0.09	0.08	—	0.08	490
Onsite truck	< 0.005	0.06	0.04	< 0.005	< 0.005	0.18	0.18	< 0.005	0.02	0.02	9.33
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	1.01	1.08	17.0	0.00	0.00	2.94	2.94	0.00	0.69	0.69	3,224
Vendor	0.08	3.04	1.49	0.02	0.04	0.68	0.72	0.04	0.19	0.23	2,697
Hauling	0.05	3.27	1.18	0.02	0.03	0.73	0.77	0.03	0.20	0.24	2,907

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.99	1.27	14.3	0.00	0.00	2.94	2.94	0.00	0.69	0.69	3,048
Vendor	0.08	3.16	1.53	0.02	0.04	0.68	0.72	0.04	0.19	0.23	2,691
Hauling	0.05	3.39	1.17	0.02	0.03	0.73	0.77	0.03	0.20	0.24	2,901
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.21	0.27	3.19	0.00	0.00	0.61	0.61	0.00	0.14	0.14	655
Vendor	0.02	0.68	0.32	< 0.005	0.01	0.14	0.15	0.01	0.04	0.05	569
Hauling	0.01	0.73	0.25	< 0.005	0.01	0.15	0.16	0.01	0.04	0.05	614
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.05	0.58	0.00	0.00	0.11	0.11	0.00	0.03	0.03	108
Vendor	< 0.005	0.12	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	94.2
Hauling	< 0.005	0.13	0.04	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	102

3.8. Building Construction (2024) - 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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.99	29.8	89.3	0.14	0.45	—	0.45	0.43	—	0.43	14,002
Onsite truck	0.07	1.55	1.12	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	265
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.99	29.8	89.3	0.14	0.45	—	0.45	0.43	—	0.43	14,002
Onsite truck	0.06	1.62	1.16	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	268
Average Daily	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.42	6.29	18.9	0.03	0.09	—	0.09	0.09	—	0.09	2,959
Onsite truck	0.01	0.33	0.24	< 0.005	< 0.005	0.97	0.97	< 0.005	0.10	0.10	56.3
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	1.15	3.45	0.01	0.02	—	0.02	0.02	—	0.02	490
Onsite truck	< 0.005	0.06	0.04	< 0.005	< 0.005	0.18	0.18	< 0.005	0.02	0.02	9.33
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	1.01	1.08	17.0	0.00	0.00	2.94	2.94	0.00	0.69	0.69	3,224
Vendor	0.08	3.04	1.49	0.02	0.04	0.68	0.72	0.04	0.19	0.23	2,697
Hauling	0.05	3.27	1.18	0.02	0.03	0.73	0.77	0.03	0.20	0.24	2,907
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.99	1.27	14.3	0.00	0.00	2.94	2.94	0.00	0.69	0.69	3,048
Vendor	0.08	3.16	1.53	0.02	0.04	0.68	0.72	0.04	0.19	0.23	2,691
Hauling	0.05	3.39	1.17	0.02	0.03	0.73	0.77	0.03	0.20	0.24	2,901
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.21	0.27	3.19	0.00	0.00	0.61	0.61	0.00	0.14	0.14	655
Vendor	0.02	0.68	0.32	< 0.005	0.01	0.14	0.15	0.01	0.04	0.05	569
Hauling	0.01	0.73	0.25	< 0.005	0.01	0.15	0.16	0.01	0.04	0.05	614
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.05	0.58	0.00	0.00	0.11	0.11	0.00	0.03	0.03	108
Vendor	< 0.005	0.12	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	94.2
Hauling	< 0.005	0.13	0.04	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	102

3.9. Building Construction (2025) - Unmitigated

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

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Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.93	62.3	76.1	0.14	2.07	—	2.07	1.90	—	1.90	14,001
Onsite truck	0.07	1.53	1.12	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	261
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.93	62.3	76.1	0.14	2.07	—	2.07	1.90	—	1.90	14,001
Onsite truck	0.06	1.61	1.16	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	264
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.23	44.5	54.3	0.10	1.48	—	1.48	1.36	—	1.36	10,001
Onsite truck	0.05	1.12	0.81	< 0.005	< 0.005	3.28	3.28	< 0.005	0.33	0.33	187
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	8.12	9.92	0.02	0.27	—	0.27	0.25	—	0.25	1,656
Onsite truck	0.01	0.20	0.15	< 0.005	< 0.005	0.60	0.60	< 0.005	0.06	0.06	31.0
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.96	0.97	15.7	0.00	0.00	2.94	2.94	0.00	0.69	0.69	3,157
Vendor	0.07	2.88	1.41	0.02	0.04	0.68	0.72	0.02	0.19	0.21	2,654
Hauling	0.03	3.15	1.14	0.02	0.03	0.73	0.77	0.03	0.20	0.24	2,854
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.95	1.08	13.3	0.00	0.00	2.94	2.94	0.00	0.69	0.69	2,986
Vendor	0.07	3.01	1.43	0.02	0.04	0.68	0.72	0.02	0.19	0.21	2,648
Hauling	0.03	3.27	1.15	0.02	0.03	0.73	0.77	0.03	0.20	0.24	2,848

Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.68	0.83	9.96	0.00	0.00	2.08	2.08	0.00	0.49	0.49	2,166
Vendor	0.05	2.16	1.01	0.01	0.03	0.48	0.51	0.01	0.13	0.15	1,893
Hauling	0.02	2.37	0.82	0.01	0.02	0.52	0.54	0.02	0.14	0.17	2,036
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.15	1.82	0.00	0.00	0.38	0.38	0.00	0.09	0.09	359
Vendor	0.01	0.39	0.18	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	313
Hauling	< 0.005	0.43	0.15	< 0.005	< 0.005	0.09	0.10	< 0.005	0.03	0.03	337

3.10. Building Construction (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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.96	29.6	89.3	0.14	0.42	—	0.42	0.41	—	0.41	14,001
Onsite truck	0.07	1.53	1.12	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	261
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.96	29.6	89.3	0.14	0.42	—	0.42	0.41	—	0.41	14,001
Onsite truck	0.06	1.61	1.16	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	264
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.40	21.1	63.8	0.10	0.30	—	0.30	0.29	—	0.29	10,001
Onsite truck	0.05	1.12	0.81	< 0.005	< 0.005	3.28	3.28	< 0.005	0.33	0.33	187
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.26	3.85	11.6	0.02	0.06	—	0.06	0.05	—	0.05	1,656

Onsite truck	0.01	0.20	0.15	< 0.005	< 0.005	0.60	0.60	< 0.005	0.06	0.06	31.0
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.96	0.97	15.7	0.00	0.00	2.94	2.94	0.00	0.69	0.69	3,157
Vendor	0.07	2.88	1.41	0.02	0.04	0.68	0.72	0.02	0.19	0.21	2,654
Hauling	0.03	3.15	1.14	0.02	0.03	0.73	0.77	0.03	0.20	0.24	2,854
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.95	1.08	13.3	0.00	0.00	2.94	2.94	0.00	0.69	0.69	2,986
Vendor	0.07	3.01	1.43	0.02	0.04	0.68	0.72	0.02	0.19	0.21	2,648
Hauling	0.03	3.27	1.15	0.02	0.03	0.73	0.77	0.03	0.20	0.24	2,848
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.68	0.83	9.96	0.00	0.00	2.08	2.08	0.00	0.49	0.49	2,166
Vendor	0.05	2.16	1.01	0.01	0.03	0.48	0.51	0.01	0.13	0.15	1,893
Hauling	0.02	2.37	0.82	0.01	0.02	0.52	0.54	0.02	0.14	0.17	2,036
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.15	1.82	0.00	0.00	0.38	0.38	0.00	0.09	0.09	359
Vendor	0.01	0.39	0.18	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	313
Hauling	< 0.005	0.43	0.15	< 0.005	< 0.005	0.09	0.10	< 0.005	0.03	0.03	337

3.11. Building Construction (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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	5.70	60.0	75.7	0.14	1.89	—	1.89	1.74	—	1.74	13,999
Onsite truck	0.06	1.59	1.16	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	260
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.83	8.69	11.0	0.02	0.27	—	0.27	0.25	—	0.25	2,027
Onsite truck	0.01	0.22	0.16	< 0.005	< 0.005	0.66	0.66	< 0.005	0.07	0.07	37.4
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	1.59	2.00	< 0.005	0.05	—	0.05	0.05	—	0.05	336
Onsite truck	< 0.005	0.04	0.03	< 0.005	< 0.005	0.12	0.12	< 0.005	0.01	0.01	6.19
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.82	0.98	12.4	0.00	0.00	2.94	2.94	0.00	0.69	0.69	2,925
Vendor	0.07	2.88	1.36	0.02	0.04	0.68	0.72	0.02	0.19	0.21	2,604
Hauling	0.03	3.14	1.12	0.02	0.03	0.73	0.77	0.03	0.20	0.24	2,799
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.15	1.88	0.00	0.00	0.42	0.42	0.00	0.10	0.10	430
Vendor	0.01	0.42	0.20	< 0.005	0.01	0.10	0.10	< 0.005	0.03	0.03	377
Hauling	< 0.005	0.46	0.16	< 0.005	0.01	0.11	0.11	0.01	0.03	0.03	406
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.03	0.34	0.00	0.00	0.08	0.08	0.00	0.02	0.02	71.3
Vendor	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	62.5
Hauling	< 0.005	0.08	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	67.2

3.12. Building Construction (2026) - Mitigated

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

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Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.95	29.4	89.3	0.14	0.41	—	0.41	0.40	—	0.40	13,999
Onsite truck	0.06	1.59	1.16	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	260
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	4.26	12.9	0.02	0.06	—	0.06	0.06	—	0.06	2,027
Onsite truck	0.01	0.22	0.16	< 0.005	< 0.005	0.66	0.66	< 0.005	0.07	0.07	37.4
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.78	2.36	< 0.005	0.01	—	0.01	0.01	—	0.01	336
Onsite truck	< 0.005	0.04	0.03	< 0.005	< 0.005	0.12	0.12	< 0.005	0.01	0.01	6.19
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.82	0.98	12.4	0.00	0.00	2.94	2.94	0.00	0.69	0.69	2,925
Vendor	0.07	2.88	1.36	0.02	0.04	0.68	0.72	0.02	0.19	0.21	2,604
Hauling	0.03	3.14	1.12	0.02	0.03	0.73	0.77	0.03	0.20	0.24	2,799
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.15	1.88	0.00	0.00	0.42	0.42	0.00	0.10	0.10	430
Vendor	0.01	0.42	0.20	< 0.005	0.01	0.10	0.10	< 0.005	0.03	0.03	377
Hauling	< 0.005	0.46	0.16	< 0.005	0.01	0.11	0.11	0.01	0.03	0.03	406
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.03	0.34	0.00	0.00	0.08	0.08	0.00	0.02	0.02	71.3

Vendor	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	62.5
Hauling	< 0.005	0.08	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	67.2

3.13. Paving (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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.41	32.8	43.7	0.08	1.11	—	1.11	1.02	—	1.02	7,832
Paving	0.24	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.03	0.58	0.43	< 0.005	< 0.005	1.86	1.86	< 0.005	0.19	0.19	98.9
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.41	32.8	43.7	0.08	1.11	—	1.11	1.02	—	1.02	7,832
Paving	0.24	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.02	0.61	0.45	< 0.005	< 0.005	1.86	1.86	< 0.005	0.19	0.19	100
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.70	6.75	8.98	0.02	0.23	—	0.23	0.21	—	0.21	1,609
Paving	0.05	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.01	0.12	0.09	< 0.005	< 0.005	0.36	0.36	< 0.005	0.04	0.04	20.4
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	1.23	1.64	< 0.005	0.04	—	0.04	0.04	—	0.04	266
Paving	0.01	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	0.02	0.02	< 0.005	< 0.005	0.07	0.07	< 0.005	0.01	0.01	3.38
Offsite	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.23	3.88	0.00	0.00	0.78	0.78	0.00	0.18	0.18	825
Vendor	0.02	0.82	0.40	0.01	0.01	0.21	0.22	0.01	0.06	0.06	783
Hauling	0.02	2.01	0.74	0.01	0.02	0.49	0.51	0.02	0.13	0.16	1,869
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.26	3.31	0.00	0.00	0.78	0.78	0.00	0.18	0.18	780
Vendor	0.02	0.86	0.41	0.01	0.01	0.21	0.22	0.01	0.06	0.06	781
Hauling	0.02	2.10	0.75	0.01	0.02	0.49	0.51	0.02	0.13	0.16	1,866
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.06	0.71	0.00	0.00	0.16	0.16	0.00	0.04	0.04	163
Vendor	< 0.005	0.18	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	161
Hauling	< 0.005	0.44	0.15	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	384
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	27.0
Vendor	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	26.6
Hauling	< 0.005	0.08	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	63.5

3.14. Paving (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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.16	18.1	50.3	0.08	0.22	—	0.22	0.21	—	0.21	7,832
Paving	0.24	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.03	0.58	0.43	< 0.005	< 0.005	1.86	1.86	< 0.005	0.19	0.19	98.9

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Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.16	18.1	50.3	0.08	0.22	—	0.22	0.21	—	0.21	7,832
Paving	0.24	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.02	0.61	0.45	< 0.005	< 0.005	1.86	1.86	< 0.005	0.19	0.19	100
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	3.72	10.3	0.02	0.04	—	0.04	0.04	—	0.04	1,609
Paving	0.05	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.01	0.12	0.09	< 0.005	< 0.005	0.36	0.36	< 0.005	0.04	0.04	20.4
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.68	1.89	< 0.005	0.01	—	0.01	0.01	—	0.01	266
Paving	0.01	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	0.02	0.02	< 0.005	< 0.005	0.07	0.07	< 0.005	0.01	0.01	3.38
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.23	3.88	0.00	0.00	0.78	0.78	0.00	0.18	0.18	825
Vendor	0.02	0.82	0.40	0.01	0.01	0.21	0.22	0.01	0.06	0.06	783
Hauling	0.02	2.01	0.74	0.01	0.02	0.49	0.51	0.02	0.13	0.16	1,869
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.26	3.31	0.00	0.00	0.78	0.78	0.00	0.18	0.18	780
Vendor	0.02	0.86	0.41	0.01	0.01	0.21	0.22	0.01	0.06	0.06	781
Hauling	0.02	2.10	0.75	0.01	0.02	0.49	0.51	0.02	0.13	0.16	1,866
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.06	0.71	0.00	0.00	0.16	0.16	0.00	0.04	0.04	163
Vendor	< 0.005	0.18	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	161
Hauling	< 0.005	0.44	0.15	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	384

Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	27.0
Vendor	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	26.6
Hauling	< 0.005	0.08	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	63.5

3.15. Architectural Coating (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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	60.6	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	60.6	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	17.8	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	3.24	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.16. Architectural Coating (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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	60.6	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	60.6	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	17.8	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	3.24	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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

Mobile source emissions results are presented in Sections 2.6. No further detailed breakdown of emissions is available.

4.1.2. Mitigated

Mobile source emissions results are presented in Sections 2.5. No further detailed breakdown of emissions is available.

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	8,058
Industrial Park	—	—	—	—	—	—	—	—	—	—	7,904
Strip Mall	—	—	—	—	—	—	—	—	—	—	1,268
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	1,039
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	249
Total	—	—	—	—	—	—	—	—	—	—	18,518
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	8,058
Industrial Park	—	—	—	—	—	—	—	—	—	—	7,904

Strip Mall	—	—	—	—	—	—	—	—	—	—	1,268
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	1,039
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	249
Total	—	—	—	—	—	—	—	—	—	—	18,518
Annual	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	1,334
Industrial Park	—	—	—	—	—	—	—	—	—	—	1,309
Strip Mall	—	—	—	—	—	—	—	—	—	—	210
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	172
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	41.3
Total	—	—	—	—	—	—	—	—	—	—	3,066

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	8,058

Industrial Park	—	—	—	—	—	—	—	—	—	—	7,904
Strip Mall	—	—	—	—	—	—	—	—	—	—	1,268
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	1,039
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	249
Total	—	—	—	—	—	—	—	—	—	—	18,518
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	8,058
Industrial Park	—	—	—	—	—	—	—	—	—	—	7,904
Strip Mall	—	—	—	—	—	—	—	—	—	—	1,268
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	1,039
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	249
Total	—	—	—	—	—	—	—	—	—	—	18,518
Annual	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	1,334
Industrial Park	—	—	—	—	—	—	—	—	—	—	1,309
Strip Mall	—	—	—	—	—	—	—	—	—	—	210

Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	172
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	41.3
Total	—	—	—	—	—	—	—	—	—	—	3,066

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.01	0.16	0.14	< 0.005	0.01	—	0.01	0.01	—	0.01	192
Industrial Park	0.06	1.12	0.94	0.01	0.08	—	0.08	0.08	—	0.08	1,336
Strip Mall	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	4.70
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
High Turnover (Sit Down Restaurant)	< 0.005	0.09	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	102
Total	0.08	1.37	1.15	0.01	0.10	—	0.10	0.10	—	0.10	1,635
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.01	0.16	0.14	< 0.005	0.01	—	0.01	0.01	—	0.01	192

Industrial Park	0.06	1.12	0.94	0.01	0.08	—	0.08	0.08	—	0.08	1,336
Strip Mall	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	4.70
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
High Turnover (Sit Down Restaurant)	< 0.005	0.09	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	102
Total	0.08	1.37	1.15	0.01	0.10	—	0.10	0.10	—	0.10	1,635
Annual	—	—	—	—	—	—	—	—	—	—	—
General Office Building	< 0.005	0.03	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	31.9
Industrial Park	0.01	0.20	0.17	< 0.005	0.02	—	0.02	0.02	—	0.02	221
Strip Mall	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.78
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
High Turnover (Sit Down Restaurant)	< 0.005	0.02	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	16.9
Total	0.01	0.25	0.21	< 0.005	0.02	—	0.02	0.02	—	0.02	271

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—

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General Office Building	0.01	0.16	0.14	< 0.005	0.01	—	0.01	0.01	—	0.01	192
Industrial Park	0.06	1.12	0.94	0.01	0.08	—	0.08	0.08	—	0.08	1,336
Strip Mall	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	4.70
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
High Turnover (Sit Down Restaurant)	< 0.005	0.09	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	102
Total	0.08	1.37	1.15	0.01	0.10	—	0.10	0.10	—	0.10	1,635
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.01	0.16	0.14	< 0.005	0.01	—	0.01	0.01	—	0.01	192
Industrial Park	0.06	1.12	0.94	0.01	0.08	—	0.08	0.08	—	0.08	1,336
Strip Mall	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	4.70
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
High Turnover (Sit Down Restaurant)	< 0.005	0.09	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	102
Total	0.08	1.37	1.15	0.01	0.10	—	0.10	0.10	—	0.10	1,635
Annual	—	—	—	—	—	—	—	—	—	—	—
General Office Building	< 0.005	0.03	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	31.9
Industrial Park	0.01	0.20	0.17	< 0.005	0.02	—	0.02	0.02	—	0.02	221

Strip Mall	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.78
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
High Turnover (Sit Down Restaurant)	< 0.005	0.02	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	16.9
Total	0.01	0.25	0.21	< 0.005	0.02	—	0.02	0.02	—	0.02	271

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	14.5	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.78	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	6.99	0.36	42.6	< 0.005	0.06	—	0.06	0.08	—	0.08	176
Total	23.3	0.36	42.6	< 0.005	0.06	—	0.06	0.08	—	0.08	176
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	14.5	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.78	—	—	—	—	—	—	—	—	—	—
Total	16.3	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	2.65	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.32	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.87	0.04	5.32	< 0.005	0.01	—	0.01	0.01	—	0.01	19.9
Total	3.84	0.04	5.32	< 0.005	0.01	—	0.01	0.01	—	0.01	19.9

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	14.5	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.78	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	6.99	0.36	42.6	< 0.005	0.06	—	0.06	0.08	—	0.08	176
Total	23.3	0.36	42.6	< 0.005	0.06	—	0.06	0.08	—	0.08	176
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	14.5	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.78	—	—	—	—	—	—	—	—	—	—
Total	16.3	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	2.65	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.32	—	—	—	—	—	—	—	—	—	—

Landscape Equipment	0.87	0.04	5.32	< 0.005	0.01	—	0.01	0.01	—	0.01	19.9
Total	3.84	0.04	5.32	< 0.005	0.01	—	0.01	0.01	—	0.01	19.9

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	881
Industrial Park	—	—	—	—	—	—	—	—	—	—	1,140
Strip Mall	—	—	—	—	—	—	—	—	—	—	89.4
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	20.0
Total	—	—	—	—	—	—	—	—	—	—	2,131
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	881
Industrial Park	—	—	—	—	—	—	—	—	—	—	1,140
Strip Mall	—	—	—	—	—	—	—	—	—	—	89.4

Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	20.0
Total	—	—	—	—	—	—	—	—	—	—	2,131
Annual	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	146
Industrial Park	—	—	—	—	—	—	—	—	—	—	189
Strip Mall	—	—	—	—	—	—	—	—	—	—	14.8
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	3.31
Total	—	—	—	—	—	—	—	—	—	—	353

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	705
Industrial Park	—	—	—	—	—	—	—	—	—	—	912

Strip Mall	—	—	—	—	—	—	—	—	—	—	71.5
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	16.0
Total	—	—	—	—	—	—	—	—	—	—	1,705
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	705
Industrial Park	—	—	—	—	—	—	—	—	—	—	912
Strip Mall	—	—	—	—	—	—	—	—	—	—	71.5
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	16.0
Total	—	—	—	—	—	—	—	—	—	—	1,705
Annual	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	117
Industrial Park	—	—	—	—	—	—	—	—	—	—	151
Strip Mall	—	—	—	—	—	—	—	—	—	—	11.8
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00

Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	2.65
Total	—	—	—	—	—	—	—	—	—	—	282

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	525
Industrial Park	—	—	—	—	—	—	—	—	—	—	699
Strip Mall	—	—	—	—	—	—	—	—	—	—	145
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	89.8
Total	—	—	—	—	—	—	—	—	—	—	1,459
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	525
Industrial Park	—	—	—	—	—	—	—	—	—	—	699

Strip Mall	—	—	—	—	—	—	—	—	—	—	145
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	89.8
Total	—	—	—	—	—	—	—	—	—	—	1,459
Annual	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	86.9
Industrial Park	—	—	—	—	—	—	—	—	—	—	116
Strip Mall	—	—	—	—	—	—	—	—	—	—	24.0
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	14.9
Total	—	—	—	—	—	—	—	—	—	—	242

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	124

Industrial Park	—	—	—	—	—	—	—	—	—	—	165
Strip Mall	—	—	—	—	—	—	—	—	—	—	34.2
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	21.2
Total	—	—	—	—	—	—	—	—	—	—	344
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	124
Industrial Park	—	—	—	—	—	—	—	—	—	—	165
Strip Mall	—	—	—	—	—	—	—	—	—	—	34.2
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	21.2
Total	—	—	—	—	—	—	—	—	—	—	344
Annual	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	20.5
Industrial Park	—	—	—	—	—	—	—	—	—	—	27.3
Strip Mall	—	—	—	—	—	—	—	—	—	—	5.66

Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	3.51
Total	—	—	—	—	—	—	—	—	—	—	57.0

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	0.73
Industrial Park	—	—	—	—	—	—	—	—	—	—	77.8
Strip Mall	—	—	—	—	—	—	—	—	—	—	0.46
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	6.25
Total	—	—	—	—	—	—	—	—	—	—	85.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	0.73
Industrial Park	—	—	—	—	—	—	—	—	—	—	77.8
Strip Mall	—	—	—	—	—	—	—	—	—	—	0.46

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	6.25
Total	—	—	—	—	—	—	—	—	—	—	85.3
Annual	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	0.12
Industrial Park	—	—	—	—	—	—	—	—	—	—	12.9
Strip Mall	—	—	—	—	—	—	—	—	—	—	0.08
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	1.04
Total	—	—	—	—	—	—	—	—	—	—	14.1

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	0.73
Industrial Park	—	—	—	—	—	—	—	—	—	—	77.8
Strip Mall	—	—	—	—	—	—	—	—	—	—	0.46
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	6.25
Total	—	—	—	—	—	—	—	—	—	—	85.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	0.73
Industrial Park	—	—	—	—	—	—	—	—	—	—	77.8

Strip Mall	—	—	—	—	—	—	—	—	—	—	0.46
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	6.25
Total	—	—	—	—	—	—	—	—	—	—	85.3
Annual	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	0.12
Industrial Park	—	—	—	—	—	—	—	—	—	—	12.9
Strip Mall	—	—	—	—	—	—	—	—	—	—	0.08
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	1.04
Total	—	—	—	—	—	—	—	—	—	—	14.1

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	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	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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	4.92	22.0	12.6	0.02	0.10	0.00	0.10	0.10	0.00	0.10	2,527
Total	4.92	22.0	12.6	0.02	0.10	0.00	0.10	0.10	0.00	0.10	2,527
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	4.92	22.0	12.6	0.02	0.10	0.00	0.10	0.10	0.00	0.10	2,527
Total	4.92	22.0	12.6	0.02	0.10	0.00	0.10	0.10	0.00	0.10	2,527
Annual	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.49	2.20	1.26	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	229
Total	0.49	2.20	1.26	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	229

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	4.92	22.0	12.6	0.02	0.10	0.00	0.10	0.10	0.00	0.10	2,527
Total	4.92	22.0	12.6	0.02	0.10	0.00	0.10	0.10	0.00	0.10	2,527
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	4.92	22.0	12.6	0.02	0.10	0.00	0.10	0.10	0.00	0.10	2,527
Total	4.92	22.0	12.6	0.02	0.10	0.00	0.10	0.10	0.00	0.10	2,527
Annual	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.49	2.20	1.26	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	229
Total	0.49	2.20	1.26	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	229

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	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	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	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	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	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	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—

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)

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	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	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

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	2/7/2024	4/8/2024	5.00	44.0	—
Grading	Grading	4/9/2024	5/24/2024	5.00	34.0	—
Foundations	Building Construction	5/25/2024	9/14/2024	5.00	80.0	—
Building Construction	Building Construction	9/15/2024	3/15/2026	5.00	390	—
Paving	Paving	3/16/2026	6/28/2026	5.00	75.0	—
Architectural Coating	Architectural Coating	1/1/2026	5/31/2026	5.00	107	—

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
Demolition	Air Compressors	Diesel	Average	2.00	8.00	37.0	0.48
Demolition	Concrete/Industrial Saws	Diesel	Average	5.00	8.00	33.0	0.73

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Demolition	Other Construction Equipment	Diesel	Average	5.00	8.00	82.0	0.42
Demolition	Excavators	Diesel	Average	4.00	8.00	158	0.38
Demolition	Rough Terrain Forklifts	Diesel	Average	2.00	8.00	96.0	0.40
Demolition	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Demolition	Rubber Tired Loaders	Diesel	Average	1.00	8.00	150	0.36
Demolition	Tractors/Loaders/Back hoes	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Excavators	Diesel	Average	2.00	8.00	158	0.38
Grading	Other Construction Equipment	Diesel	Average	2.00	8.00	82.0	0.42
Grading	Rollers	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Rubber Tired Loaders	Diesel	Average	2.00	8.00	150	0.36
Grading	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Grading	Tractors/Loaders/Back hoes	Diesel	Average	2.00	8.00	84.0	0.37
Grading	Crawler Tractors	Diesel	Average	2.00	8.00	87.0	0.43
Foundations	Cranes	Diesel	Average	2.00	12.0	367	0.29
Foundations	Other Construction Equipment	Diesel	Average	2.00	12.0	82.0	0.42
Foundations	Pumps	Diesel	Average	2.00	12.0	11.0	0.74
Foundations	Plate Compactors	Diesel	Average	2.00	12.0	8.00	0.43
Foundations	Rough Terrain Forklifts	Diesel	Average	2.00	12.0	96.0	0.40
Foundations	Skid Steer Loaders	Diesel	Average	2.00	12.0	71.0	0.37
Foundations	Surfacing Equipment	Diesel	Average	4.00	12.0	399	0.30
Foundations	Tractors/Loaders/Back hoes	Diesel	Average	2.00	12.0	84.0	0.37
Foundations	Welders	Diesel	Average	1.00	12.0	46.0	0.45
Building Construction	Air Compressors	Diesel	Average	2.00	8.00	37.0	0.48
Building Construction	Aerial Lifts	Diesel	Average	16.0	8.00	46.0	0.31

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Building Construction	Concrete/Industrial Saws	Diesel	Average	2.00	8.00	33.0	0.73
Building Construction	Cranes	Diesel	Average	4.00	8.00	367	0.29
Building Construction	Other Construction Equipment	Diesel	Average	6.00	8.00	82.0	0.42
Building Construction	Pumps	Diesel	Average	2.00	8.00	11.0	0.74
Building Construction	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43
Building Construction	Rough Terrain Forklifts	Diesel	Average	6.00	8.00	96.0	0.40
Building Construction	Skid Steer Loaders	Diesel	Average	2.00	8.00	71.0	0.37
Building Construction	Welders	Diesel	Average	4.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Back hoes	Diesel	Average	4.00	8.00	84.0	0.37
Paving	Air Compressors	Diesel	Average	2.00	8.00	37.0	0.48
Paving	Aerial Lifts	Diesel	Average	4.00	8.00	46.0	0.31
Paving	Cement and Mortar Mixers	Diesel	Average	2.00	8.00	10.0	0.56
Paving	Concrete/Industrial Saws	Diesel	Average	2.00	8.00	33.0	0.73
Paving	Cranes	Diesel	Average	2.00	8.00	367	0.29
Paving	Other Construction Equipment	Diesel	Average	1.00	8.00	82.0	0.42
Paving	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Paving	Pumps	Diesel	Average	1.00	8.00	11.0	0.74
Paving	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43
Paving	Rough Terrain Forklifts	Diesel	Average	2.00	8.00	96.0	0.40
Paving	Rubber Tired Loaders	Diesel	Average	1.00	8.00	150	0.36
Paving	Skid Steer Loaders	Diesel	Average	4.00	8.00	71.0	0.37
Paving	Tractors/Loaders/Back hoes	Diesel	Average	2.00	8.00	84.0	0.37
Paving	Trenchers	Diesel	Average	2.00	8.00	40.0	0.50

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Air Compressors	Diesel	Tier 4 Final	2.00	8.00	37.0	0.48
Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	5.00	8.00	33.0	0.73
Demolition	Other Construction Equipment	Diesel	Tier 4 Final	5.00	8.00	82.0	0.42
Demolition	Excavators	Diesel	Tier 4 Final	4.00	8.00	158	0.38
Demolition	Rough Terrain Forklifts	Diesel	Tier 4 Final	2.00	8.00	96.0	0.40
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Demolition	Rubber Tired Loaders	Diesel	Tier 4 Final	1.00	8.00	150	0.36
Demolition	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading	Excavators	Diesel	Tier 4 Final	2.00	8.00	158	0.38
Grading	Other Construction Equipment	Diesel	Tier 4 Final	2.00	8.00	82.0	0.42
Grading	Rollers	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
Grading	Rubber Tired Loaders	Diesel	Tier 4 Final	2.00	8.00	150	0.36
Grading	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Grading	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Grading	Crawler Tractors	Diesel	Tier 4 Final	2.00	8.00	87.0	0.43
Foundations	Cranes	Diesel	Tier 4 Final	2.00	12.0	367	0.29
Foundations	Other Construction Equipment	Diesel	Tier 4 Final	2.00	12.0	82.0	0.42
Foundations	Pumps	Diesel	Average	2.00	12.0	11.0	0.74
Foundations	Plate Compactors	Diesel	Average	2.00	12.0	8.00	0.43
Foundations	Rough Terrain Forklifts	Diesel	Tier 4 Final	2.00	12.0	96.0	0.40
Foundations	Skid Steer Loaders	Diesel	Tier 4 Final	2.00	12.0	71.0	0.37
Foundations	Surfacing Equipment	Diesel	Tier 4 Final	4.00	12.0	399	0.30

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Foundations	Tractors/Loaders/Back	Diesel	Tier 4 Final	2.00	12.0	84.0	0.37
Foundations	Welders	Diesel	Tier 4 Final	1.00	12.0	46.0	0.45
Building Construction	Air Compressors	Diesel	Tier 4 Final	2.00	8.00	37.0	0.48
Building Construction	Aerial Lifts	Diesel	Tier 4 Final	16.0	8.00	46.0	0.31
Building Construction	Concrete/Industrial Saws	Diesel	Tier 4 Final	2.00	8.00	33.0	0.73
Building Construction	Cranes	Diesel	Tier 4 Final	4.00	8.00	367	0.29
Building Construction	Other Construction Equipment	Diesel	Average	1.00	8.00	82.0	0.42
Building Construction	Other Construction Equipment	Diesel	Tier 4 Final	5.00	8.00	82.0	0.42
Building Construction	Pumps	Diesel	Average	2.00	8.00	11.0	0.74
Building Construction	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43
Building Construction	Rough Terrain Forklifts	Diesel	Tier 4 Final	6.00	8.00	96.0	0.40
Building Construction	Skid Steer Loaders	Diesel	Tier 4 Final	2.00	8.00	71.0	0.37
Building Construction	Welders	Diesel	Tier 4 Final	4.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Paving	Air Compressors	Diesel	Tier 4 Final	2.00	8.00	37.0	0.48
Paving	Aerial Lifts	Diesel	Tier 4 Final	4.00	8.00	46.0	0.31
Paving	Cement and Mortar Mixers	Diesel	Average	2.00	8.00	10.0	0.56
Paving	Concrete/Industrial Saws	Diesel	Tier 4 Final	2.00	8.00	33.0	0.73
Paving	Cranes	Diesel	Tier 4 Final	2.00	8.00	367	0.29
Paving	Other Construction Equipment	Diesel	Tier 4 Final	1.00	8.00	82.0	0.42
Paving	Pavers	Diesel	Tier 4 Final	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	1.00	8.00	89.0	0.36
Paving	Pumps	Diesel	Average	1.00	8.00	11.0	0.74
Paving	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43

Paving	Rough Terrain Forklifts	Diesel	Tier 4 Final	2.00	8.00	96.0	0.40
Paving	Rubber Tired Loaders	Diesel	Tier 4 Final	1.00	8.00	150	0.36
Paving	Skid Steer Loaders	Diesel	Tier 4 Final	4.00	8.00	71.0	0.37
Paving	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Paving	Trenchers	Diesel	Tier 4 Final	2.00	8.00	40.0	0.50

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	40.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	16.0	10.2	HHDT,MHDT
Demolition	Hauling	150	33.0	HHDT
Demolition	Onsite truck	166	0.20	HHDT
Grading	—	—	—	—
Grading	Worker	35.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	16.0	10.2	HHDT,MHDT
Grading	Hauling	180	33.0	HHDT
Grading	Onsite truck	196	0.20	HHDT
Foundations	—	—	—	—
Foundations	Worker	125	18.5	LDA,LDT1,LDT2
Foundations	Vendor	200	2.60	HHDT,MHDT
Foundations	Hauling	16.0	33.0	HHDT
Foundations	Onsite truck	216	0.20	HHDT
Paving	—	—	—	—
Paving	Worker	60.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	24.0	10.2	HHDT,MHDT

Paving	Hauling	16.0	33.0	HHDT
Paving	Onsite truck	40.0	0.20	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	0.00	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	0.00	0.00	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	225	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	80.0	10.2	HHDT,MHDT
Building Construction	Hauling	24.0	33.0	HHDT
Building Construction	Onsite truck	104	0.20	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	40.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	16.0	10.2	HHDT,MHDT
Demolition	Hauling	150	33.0	HHDT
Demolition	Onsite truck	166	0.20	HHDT
Grading	—	—	—	—
Grading	Worker	35.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	16.0	10.2	HHDT,MHDT
Grading	Hauling	180	33.0	HHDT
Grading	Onsite truck	196	0.20	HHDT
Foundations	—	—	—	—
Foundations	Worker	125	18.5	LDA,LDT1,LDT2
Foundations	Vendor	200	2.60	HHDT,MHDT

Foundations	Hauling	16.0	33.0	HHDT
Foundations	Onsite truck	216	0.20	HHDT
Paving	—	—	—	—
Paving	Worker	60.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	24.0	10.2	HHDT,MHDT
Paving	Hauling	16.0	33.0	HHDT
Paving	Onsite truck	40.0	0.20	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	0.00	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	0.00	0.00	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	225	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	80.0	10.2	HHDT,MHDT
Building Construction	Hauling	24.0	33.0	HHDT
Building Construction	Onsite truck	104	0.20	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

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

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)
Architectural Coating	0.00	0.00	1,026,807	339,293	32,088

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)
Demolition	0.00	0.00	0.00	286,000	—
Grading	0.00	40,000	102	0.00	—
Paving	0.00	0.00	0.00	0.00	12.3

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
General Office Building	0.00	0%
Industrial Park	0.00	0%
Strip Mall	0.00	0%
Unenclosed Parking with Elevator	6.83	100%
Other Non-Asphalt Surfaces	5.45	0%
High Turnover (Sit Down Restaurant)	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	690	0.05	0.01

2025	0.00	690	0.05	0.01
2026	0.00	690	0.05	0.01

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
Total all Land Uses	3,815	3,815	3,815	1,392,475	27,985	27,985	27,985	10,214,525

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMt/Weekday	VMt/Saturday	VMt/Sunday	VMt/Year
Total all Land Uses	3,815	3,815	3,815	1,392,475	27,985	27,985	27,985	10,214,525

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

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	1,026,807	339,293	32,088

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00

Summer Days	day/yr	250
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5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

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)
General Office Building	6,635,383	440	0.0489	0.0069	598,814
Industrial Park	6,508,220	440	0.0489	0.0069	4,156,267
Strip Mall	1,043,904	440	0.0489	0.0069	14,638
Unenclosed Parking with Elevator	855,545	440	0.0489	0.0069	0.00
Other Non-Asphalt Surfaces	0.00	440	0.0489	0.0069	0.00
High Turnover (Sit Down Restaurant)	205,172	440	0.0489	0.0069	316,800

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)
General Office Building	6,635,383	440	0.0489	0.0069	598,814
Industrial Park	6,508,220	440	0.0489	0.0069	4,156,267
Strip Mall	1,043,904	440	0.0489	0.0069	14,638
Unenclosed Parking with Elevator	855,545	440	0.0489	0.0069	0.00

Other Non-Asphalt Surfaces	0.00	440	0.0489	0.0069	0.00
High Turnover (Sit Down Restaurant)	205,172	440	0.0489	0.0069	316,800

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Office Building	53,214,728	630,952
Industrial Park	69,146,525	0.00
Strip Mall	5,421,516	0.00
Unenclosed Parking with Elevator	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00
High Turnover (Sit Down Restaurant)	1,214,135	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Office Building	42,571,783	504,762
Industrial Park	55,317,220	0.00
Strip Mall	4,337,213	0.00
Unenclosed Parking with Elevator	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00
High Turnover (Sit Down Restaurant)	971,308	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
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General Office Building	278	—
Industrial Park	371	—
Strip Mall	76.9	—
Unenclosed Parking with Elevator	0.00	—
Other Non-Asphalt Surfaces	0.00	—
High Turnover (Sit Down Restaurant)	47.6	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Office Building	65.7	—
Industrial Park	87.5	—
Strip Mall	18.1	—
Unenclosed Parking with Elevator	0.00	—
Other Non-Asphalt Surfaces	0.00	—
High Turnover (Sit Down Restaurant)	11.2	—

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
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Industrial Park	Other commercial A/C and heat pumps	R-410A	2,088	0.30	4.00	4.00	18.0
Strip Mall	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
High Turnover (Sit Down Restaurant)	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
High Turnover (Sit Down Restaurant)	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
High Turnover (Sit Down Restaurant)	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Industrial Park	Other commercial A/C and heat pumps	R-410A	2,088	0.30	4.00	4.00	18.0
Strip Mall	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
High Turnover (Sit Down Restaurant)	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
High Turnover (Sit Down Restaurant)	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0

High Turnover (Sit Down Restaurant)	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
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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
Emergency Generator	Diesel	2.00	1.00	200	750	0.73

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
—	—

8. User Changes to Default Data

Screen	Justification
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Characteristics: Utility Information	Carbon Intensity for 2026
Land Use	Site Specific
Construction: Construction Phases	Site Specific
Construction: Off-Road Equipment	Site Specific
Construction: Trips and VMT	Site Specific
Operations: Energy Use	Implementation of GHG-PDF-1
Construction: On-Road Fugitive Dust	Max onsite vehicle speed of 10mph.
Operations: Generators + Pumps EF	SCAQMD Rule 1472

6 and Alameda Campus - Construction and Operations (Compliance with City Ordinance No. 187,714) Custom 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	6 and Alameda Campus - Construction and Operations (Compliance with City Ordinance No. 187,714)
Construction Start Date	5/1/2024
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	0.50
Precipitation (days)	18.4
Location	640 S Alameda St, Los Angeles, CA 90021, USA
County	Los Angeles-South Coast
City	Los Angeles
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4034
EDFZ	16
Electric Utility	Los Angeles Department of Water & Power
Gas Utility	Southern California Gas
App Version	2022.1.1.26

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
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General Office Building	299	1000sqft	14.6	299,407	44,989	0.00	—	—
Industrial Park	299	1000sqft	0.00	299,012	0.00	0.00	—	—
Strip Mall	73.2	1000sqft	0.00	73,192	0.00	0.00	—	—
Unenclosed Parking with Elevator	759	Space	6.83	303,600	0.00	0.00	—	—
Other Non-Asphalt Surfaces	237	1000sqft	5.45	0.00	0.00	0.00	—	—
High Turnover (Sit Down Restaurant)	4.00	1000sqft	0.00	4,000	0.00	0.00	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Water	W-7	Adopt a Water Conservation Strategy
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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	64.5	75.1	97.4	0.22	2.45	16.0	18.1	2.26	2.65	4.59	31,343
Mit.	62.3	38.7	110	0.22	0.52	16.0	16.5	0.50	2.65	3.07	31,343
% Reduced	3%	48%	-13%	—	79%	—	9%	78%	—	33%	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—

Unmit.	67.3	75.6	94.8	0.21	2.45	10.8	13.1	2.26	2.18	4.32	28,849
Mit.	63.5	39.2	108	0.21	0.52	10.8	11.2	0.50	2.18	2.58	28,849
% Reduced	6%	48%	-13%	—	79%	—	15%	78%	—	40%	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	19.5	51.0	66.9	0.13	1.53	7.26	8.69	1.40	1.17	2.49	16,283
Mit.	18.5	27.6	76.4	0.13	0.35	7.26	7.55	0.33	1.17	1.45	16,283
% Reduced	5%	46%	-14%	—	77%	—	13%	76%	—	42%	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.57	9.31	12.2	0.02	0.28	1.32	1.59	0.26	0.21	0.46	2,696
Mit.	3.38	5.04	13.9	0.02	0.06	1.32	1.38	0.06	0.21	0.27	2,696
% Reduced	5%	46%	-14%	—	77%	—	13%	76%	—	42%	—

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	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
2024	7.56	75.1	97.4	0.22	2.45	16.0	18.1	2.26	2.65	4.59	31,343
2025	7.06	70.9	95.4	0.18	2.14	9.19	11.3	1.96	1.56	3.52	22,927
2026	64.5	36.5	49.2	0.10	1.15	3.34	4.48	1.05	0.56	1.61	11,408
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
2024	7.54	75.6	94.8	0.21	2.45	10.8	13.1	2.26	2.18	4.32	28,849
2025	7.04	71.3	93.1	0.18	2.14	9.19	11.3	1.96	1.56	3.52	22,747
2026	67.3	68.6	91.7	0.18	1.96	9.19	11.2	1.79	1.56	3.35	22,588
Average Daily	—	—	—	—	—	—	—	—	—	—	—
2024	3.93	43.3	47.9	0.12	1.43	7.26	8.69	1.32	1.17	2.49	15,655

2025	5.03	51.0	66.9	0.13	1.53	6.36	7.88	1.40	1.09	2.49	16,283
2026	19.5	17.5	23.4	0.04	0.52	1.95	2.47	0.48	0.33	0.81	5,615
Annual	—	—	—	—	—	—	—	—	—	—	—
2024	0.72	7.90	8.74	0.02	0.26	1.32	1.59	0.24	0.21	0.46	2,592
2025	0.92	9.31	12.2	0.02	0.28	1.16	1.44	0.26	0.20	0.45	2,696
2026	3.57	3.19	4.27	0.01	0.09	0.36	0.45	0.09	0.06	0.15	930

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	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
2024	3.20	38.7	110	0.22	0.52	16.0	16.5	0.50	2.65	3.07	31,343
2025	3.10	38.1	109	0.18	0.49	9.19	9.68	0.46	1.56	2.03	22,927
2026	62.3	21.8	55.8	0.10	0.25	3.34	3.59	0.24	0.56	0.80	11,408
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
2024	3.17	39.2	108	0.21	0.52	10.8	11.2	0.50	2.18	2.58	28,849
2025	3.08	38.5	106	0.18	0.49	9.19	9.68	0.46	1.56	2.03	22,747
2026	63.5	38.0	105	0.18	0.49	9.19	9.67	0.45	1.56	2.02	22,588
Average Daily	—	—	—	—	—	—	—	—	—	—	—
2024	1.55	21.1	57.4	0.12	0.29	7.26	7.55	0.28	1.17	1.45	15,655
2025	2.20	27.6	76.4	0.13	0.35	6.36	6.71	0.33	1.09	1.42	16,283
2026	18.5	10.0	26.7	0.04	0.12	1.95	2.07	0.12	0.33	0.45	5,615
Annual	—	—	—	—	—	—	—	—	—	—	—
2024	0.28	3.85	10.5	0.02	0.05	1.32	1.38	0.05	0.21	0.27	2,592
2025	0.40	5.04	13.9	0.02	0.06	1.16	1.22	0.06	0.20	0.26	2,696
2026	3.38	1.83	4.87	0.01	0.02	0.36	0.38	0.02	0.06	0.08	930

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	40.3	30.8	150	0.24	0.30	19.8	20.1	0.31	5.04	5.35	47,686
Mit.	40.3	30.8	150	0.24	0.30	19.8	20.1	0.31	5.04	5.35	46,146
% Reduced	—	—	—	—	—	—	—	—	—	—	3%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	33.1	31.2	100	0.23	0.24	19.8	20.1	0.23	5.04	5.27	46,535
Mit.	33.1	31.2	100	0.23	0.24	19.8	20.1	0.23	5.04	5.27	44,994
% Reduced	—	—	—	—	—	—	—	—	—	—	3%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	35.6	21.5	126	0.22	0.24	19.6	19.8	0.24	4.98	5.22	45,791
Mit.	35.6	21.5	126	0.22	0.24	19.6	19.8	0.24	4.98	5.22	44,250
% Reduced	—	—	—	—	—	—	—	—	—	—	3%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.50	3.93	23.0	0.04	0.04	3.58	3.62	0.04	0.91	0.95	7,581
Mit.	6.50	3.93	23.0	0.04	0.04	3.58	3.62	0.04	0.91	0.95	7,326
% Reduced	—	—	—	—	—	—	—	—	—	—	3%

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Mobile	12.1	8.30	94.3	0.22	0.14	19.8	20.0	0.13	5.04	5.17	22,512

6 and Alameda Campus - Construction and Operations (Compliance with City Ordinance No. 187,714) Custom Report, 7/16/2024

Area	23.3	0.36	42.6	< 0.005	0.06	—	0.06	0.08	—	0.08	176
Energy	< 0.005	0.08	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	18,797
Water	—	—	—	—	—	—	—	—	—	—	2,131
Waste	—	—	—	—	—	—	—	—	—	—	1,459
Refrig.	—	—	—	—	—	—	—	—	—	—	85.3
Stationary	4.92	22.0	12.6	0.02	0.10	0.00	0.10	0.10	0.00	0.10	2,527
Total	40.3	30.8	150	0.24	0.30	19.8	20.1	0.31	5.04	5.35	47,686
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Mobile	11.9	9.08	87.8	0.21	0.14	19.8	20.0	0.13	5.04	5.17	21,536
Area	16.3	—	—	—	—	—	—	—	—	—	—
Energy	< 0.005	0.08	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	18,797
Water	—	—	—	—	—	—	—	—	—	—	2,131
Waste	—	—	—	—	—	—	—	—	—	—	1,459
Refrig.	—	—	—	—	—	—	—	—	—	—	85.3
Stationary	4.92	22.0	12.6	0.02	0.10	0.00	0.10	0.10	0.00	0.10	2,527
Total	33.1	31.2	100	0.23	0.24	19.8	20.1	0.23	5.04	5.27	46,535
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Mobile	11.8	9.16	89.9	0.21	0.14	19.6	19.8	0.13	4.98	5.11	21,814
Area	21.1	0.25	29.2	< 0.005	0.04	—	0.04	0.05	—	0.05	120
Energy	< 0.005	0.08	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	18,797
Water	—	—	—	—	—	—	—	—	—	—	2,131
Waste	—	—	—	—	—	—	—	—	—	—	1,459
Refrig.	—	—	—	—	—	—	—	—	—	—	85.3
Stationary	2.70	12.1	6.88	0.01	0.05	0.00	0.05	0.05	0.00	0.05	1,385
Total	35.6	21.5	126	0.22	0.24	19.6	19.8	0.24	4.98	5.22	45,791
Annual	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.16	1.67	16.4	0.04	0.03	3.58	3.60	0.02	0.91	0.93	3,612
Area	3.84	0.04	5.32	< 0.005	0.01	—	0.01	0.01	—	0.01	19.9

Energy	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	3,112
Water	—	—	—	—	—	—	—	—	—	—	353
Waste	—	—	—	—	—	—	—	—	—	—	242
Refrig.	—	—	—	—	—	—	—	—	—	—	14.1
Stationary	0.49	2.20	1.26	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	229
Total	6.50	3.93	23.0	0.04	0.04	3.58	3.62	0.04	0.91	0.95	7,581

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Mobile	12.1	8.30	94.3	0.22	0.14	19.8	20.0	0.13	5.04	5.17	22,512
Area	23.3	0.36	42.6	< 0.005	0.06	—	0.06	0.08	—	0.08	176
Energy	< 0.005	0.08	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	18,797
Water	—	—	—	—	—	—	—	—	—	—	1,705
Waste	—	—	—	—	—	—	—	—	—	—	344
Refrig.	—	—	—	—	—	—	—	—	—	—	85.3
Stationary	4.92	22.0	12.6	0.02	0.10	0.00	0.10	0.10	0.00	0.10	2,527
Total	40.3	30.8	150	0.24	0.30	19.8	20.1	0.31	5.04	5.35	46,146
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Mobile	11.9	9.08	87.8	0.21	0.14	19.8	20.0	0.13	5.04	5.17	21,536
Area	16.3	—	—	—	—	—	—	—	—	—	—
Energy	< 0.005	0.08	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	18,797
Water	—	—	—	—	—	—	—	—	—	—	1,705
Waste	—	—	—	—	—	—	—	—	—	—	344
Refrig.	—	—	—	—	—	—	—	—	—	—	85.3
Stationary	4.92	22.0	12.6	0.02	0.10	0.00	0.10	0.10	0.00	0.10	2,527

Total	33.1	31.2	100	0.23	0.24	19.8	20.1	0.23	5.04	5.27	44,994
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Mobile	11.8	9.16	89.9	0.21	0.14	19.6	19.8	0.13	4.98	5.11	21,814
Area	21.1	0.25	29.2	< 0.005	0.04	—	0.04	0.05	—	0.05	120
Energy	< 0.005	0.08	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	18,797
Water	—	—	—	—	—	—	—	—	—	—	1,705
Waste	—	—	—	—	—	—	—	—	—	—	344
Refrig.	—	—	—	—	—	—	—	—	—	—	85.3
Stationary	2.70	12.1	6.88	0.01	0.05	0.00	0.05	0.05	0.00	0.05	1,385
Total	35.6	21.5	126	0.22	0.24	19.6	19.8	0.24	4.98	5.22	44,250
Annual	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.16	1.67	16.4	0.04	0.03	3.58	3.60	0.02	0.91	0.93	3,612
Area	3.84	0.04	5.32	< 0.005	0.01	—	0.01	0.01	—	0.01	19.9
Energy	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	3,112
Water	—	—	—	—	—	—	—	—	—	—	282
Waste	—	—	—	—	—	—	—	—	—	—	57.0
Refrig.	—	—	—	—	—	—	—	—	—	—	14.1
Stationary	0.49	2.20	1.26	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	229
Total	6.50	3.93	23.0	0.04	0.04	3.58	3.62	0.04	0.91	0.95	7,326

3. Construction Emissions Details

3.1. Demolition (2024) - 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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—

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Off-Road Equipment	5.07	45.3	59.8	0.09	2.08	—	2.08	1.91	—	1.91	9,207
Demolition	—	—	—	—	—	3.92	3.92	—	0.59	0.59	—
Onsite truck	0.11	2.47	1.80	< 0.005	< 0.005	1.68	1.68	< 0.005	0.17	0.17	424
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.07	45.3	59.8	0.09	2.08	—	2.08	1.91	—	1.91	9,207
Demolition	—	—	—	—	—	3.92	3.92	—	0.59	0.59	—
Onsite truck	0.10	2.59	1.85	< 0.005	< 0.005	1.68	1.68	< 0.005	0.17	0.17	428
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.61	5.46	7.21	0.01	0.25	—	0.25	0.23	—	0.23	1,110
Demolition	—	—	—	—	—	0.47	0.47	—	0.07	0.07	—
Onsite truck	0.01	0.30	0.22	< 0.005	< 0.005	0.19	0.19	< 0.005	0.02	0.02	51.3
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.00	1.32	< 0.005	0.05	—	0.05	0.04	—	0.04	184
Demolition	—	—	—	—	—	0.09	0.09	—	0.01	0.01	—
Onsite truck	< 0.005	0.06	0.04	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	< 0.005	8.49
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.19	3.02	0.00	0.00	0.52	0.52	0.00	0.12	0.12	573
Vendor	0.02	0.61	0.30	< 0.005	0.01	0.14	0.14	0.01	0.04	0.05	539
Hauling	0.31	20.5	7.37	0.11	0.22	4.59	4.81	0.22	1.26	1.47	18,169
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.23	2.55	0.00	0.00	0.52	0.52	0.00	0.12	0.12	542
Vendor	0.02	0.63	0.31	< 0.005	0.01	0.14	0.14	0.01	0.04	0.05	538
Hauling	0.30	21.2	7.31	0.11	0.22	4.59	4.81	0.22	1.26	1.47	18,134

Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.03	0.32	0.00	0.00	0.06	0.06	0.00	0.01	0.01	66.4
Vendor	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	64.9
Hauling	0.04	2.60	0.88	0.01	0.03	0.55	0.57	0.03	0.15	0.18	2,188
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.06	0.00	0.00	0.01	0.01	0.00	< 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	10.7
Hauling	0.01	0.48	0.16	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	362

3.2. Demolition (2024) - 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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.97	11.3	61.6	0.09	0.17	—	0.17	0.17	—	0.17	9,207
Demolition	—	—	—	—	—	3.92	3.92	—	0.59	0.59	—
Onsite truck	0.11	2.47	1.80	< 0.005	< 0.005	1.68	1.68	< 0.005	0.17	0.17	424
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.97	11.3	61.6	0.09	0.17	—	0.17	0.17	—	0.17	9,207
Demolition	—	—	—	—	—	3.92	3.92	—	0.59	0.59	—
Onsite truck	0.10	2.59	1.85	< 0.005	< 0.005	1.68	1.68	< 0.005	0.17	0.17	428
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	1.36	7.42	0.01	0.02	—	0.02	0.02	—	0.02	1,110
Demolition	—	—	—	—	—	0.47	0.47	—	0.07	0.07	—
Onsite truck	0.01	0.30	0.22	< 0.005	< 0.005	0.19	0.19	< 0.005	0.02	0.02	51.3

Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.25	1.35	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	184
Demolition	—	—	—	—	—	0.09	0.09	—	0.01	0.01	—
Onsite truck	< 0.005	0.06	0.04	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	< 0.005	8.49
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.19	3.02	0.00	0.00	0.52	0.52	0.00	0.12	0.12	573
Vendor	0.02	0.61	0.30	< 0.005	0.01	0.14	0.14	0.01	0.04	0.05	539
Hauling	0.31	20.5	7.37	0.11	0.22	4.59	4.81	0.22	1.26	1.47	18,169
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.23	2.55	0.00	0.00	0.52	0.52	0.00	0.12	0.12	542
Vendor	0.02	0.63	0.31	< 0.005	0.01	0.14	0.14	0.01	0.04	0.05	538
Hauling	0.30	21.2	7.31	0.11	0.22	4.59	4.81	0.22	1.26	1.47	18,134
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.03	0.32	0.00	0.00	0.06	0.06	0.00	0.01	0.01	66.4
Vendor	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	64.9
Hauling	0.04	2.60	0.88	0.01	0.03	0.55	0.57	0.03	0.15	0.18	2,188
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.06	0.00	0.00	0.01	0.01	0.00	< 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	10.7
Hauling	0.01	0.48	0.16	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	362

3.3. Grading (2024) - 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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—

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Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.94	35.8	39.3	0.07	1.81	—	1.81	1.66	—	1.66	7,999
Dust From Material Movement	—	—	—	—	—	0.83	0.83	—	0.09	0.09	—
Onsite truck	0.13	2.92	2.12	0.01	< 0.005	9.10	9.10	< 0.005	0.91	0.91	500
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	3.34	3.66	0.01	0.17	—	0.17	0.15	—	0.15	745
Dust From Material Movement	—	—	—	—	—	0.08	0.08	—	0.01	0.01	—
Onsite truck	0.01	0.28	0.20	< 0.005	< 0.005	0.81	0.81	< 0.005	0.08	0.08	46.8
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.61	0.67	< 0.005	0.03	—	0.03	0.03	—	0.03	123
Dust From Material Movement	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—
Onsite truck	< 0.005	0.05	0.04	< 0.005	< 0.005	0.15	0.15	< 0.005	0.01	0.01	7.75
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.17	2.64	0.00	0.00	0.46	0.46	0.00	0.11	0.11	502
Vendor	0.02	0.61	0.30	< 0.005	0.01	0.14	0.14	0.01	0.04	0.05	539
Hauling	0.38	24.5	8.85	0.13	0.26	5.51	5.77	0.26	1.51	1.77	21,803
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—

Worker	0.01	0.02	0.22	0.00	0.00	0.04	0.04	0.00	0.01	0.01	44.9
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	50.2
Hauling	0.03	2.41	0.81	0.01	0.02	0.51	0.53	0.02	0.14	0.16	2,029
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	7.43
Vendor	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	8.31
Hauling	0.01	0.44	0.15	< 0.005	< 0.005	0.09	0.10	< 0.005	0.03	0.03	336

3.4. Grading (2024) - 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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.76	4.52	47.9	0.07	0.15	—	0.15	0.15	—	0.15	7,999
Dust From Material Movement	—	—	—	—	—	0.83	0.83	—	0.09	0.09	—
Onsite truck	0.13	2.92	2.12	0.01	< 0.005	9.10	9.10	< 0.005	0.91	0.91	500
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.42	4.46	0.01	0.01	—	0.01	0.01	—	0.01	745
Dust From Material Movement	—	—	—	—	—	0.08	0.08	—	0.01	0.01	—
Onsite truck	0.01	0.28	0.20	< 0.005	< 0.005	0.81	0.81	< 0.005	0.08	0.08	46.8
Annual	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01	0.08	0.81	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	123
Dust From Material Movement	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—
Onsite truck	< 0.005	0.05	0.04	< 0.005	< 0.005	0.15	0.15	< 0.005	0.01	0.01	7.75
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.17	2.64	0.00	0.00	0.46	0.46	0.00	0.11	0.11	502
Vendor	0.02	0.61	0.30	< 0.005	0.01	0.14	0.14	0.01	0.04	0.05	539
Hauling	0.38	24.5	8.85	0.13	0.26	5.51	5.77	0.26	1.51	1.77	21,803
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.02	0.22	0.00	0.00	0.04	0.04	0.00	0.01	0.01	44.9
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	50.2
Hauling	0.03	2.41	0.81	0.01	0.02	0.51	0.53	0.02	0.14	0.16	2,029
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	7.43
Vendor	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	8.31
Hauling	0.01	0.44	0.15	< 0.005	< 0.005	0.09	0.10	< 0.005	0.03	0.03	336

3.5. Foundations (2024) - 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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.74	48.2	50.8	0.13	1.96	—	1.96	1.80	—	1.80	14,005

Onsite truck	0.14	3.22	2.34	0.01	< 0.005	10.0	10.0	< 0.005	1.00	1.00	551
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.04	10.6	11.1	0.03	0.43	—	0.43	0.40	—	0.40	3,070
Onsite truck	0.03	0.72	0.52	< 0.005	< 0.005	2.09	2.09	< 0.005	0.21	0.21	121
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	1.93	2.03	0.01	0.08	—	0.08	0.07	—	0.07	508
Onsite truck	0.01	0.13	0.09	< 0.005	< 0.005	0.38	0.38	< 0.005	0.04	0.04	20.1
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.56	0.60	9.43	0.00	0.00	1.63	1.63	0.00	0.38	0.38	1,791
Vendor	0.13	3.37	2.09	0.01	0.02	0.44	0.46	0.02	0.12	0.14	1,888
Hauling	0.03	2.18	0.79	0.01	0.02	0.49	0.51	0.02	0.13	0.16	1,938
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.15	1.84	0.00	0.00	0.35	0.35	0.00	0.08	0.08	377
Vendor	0.03	0.77	0.47	< 0.005	0.01	0.09	0.10	0.01	0.03	0.03	413
Hauling	0.01	0.50	0.17	< 0.005	0.01	0.11	0.11	0.01	0.03	0.03	424
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.03	0.34	0.00	0.00	0.06	0.06	0.00	0.02	0.02	62.4
Vendor	0.01	0.14	0.09	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	68.5
Hauling	< 0.005	0.09	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	70.2

3.6. Foundations (2024) - Mitigated

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

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Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.71	14.1	77.2	0.13	0.37	—	0.37	0.36	—	0.36	14,005
Onsite truck	0.14	3.22	2.34	0.01	< 0.005	10.0	10.0	< 0.005	1.00	1.00	551
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.38	3.10	16.9	0.03	0.08	—	0.08	0.08	—	0.08	3,070
Onsite truck	0.03	0.72	0.52	< 0.005	< 0.005	2.09	2.09	< 0.005	0.21	0.21	121
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.57	3.09	0.01	0.01	—	0.01	0.01	—	0.01	508
Onsite truck	0.01	0.13	0.09	< 0.005	< 0.005	0.38	0.38	< 0.005	0.04	0.04	20.1
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.56	0.60	9.43	0.00	0.00	1.63	1.63	0.00	0.38	0.38	1,791
Vendor	0.13	3.37	2.09	0.01	0.02	0.44	0.46	0.02	0.12	0.14	1,888
Hauling	0.03	2.18	0.79	0.01	0.02	0.49	0.51	0.02	0.13	0.16	1,938
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.15	1.84	0.00	0.00	0.35	0.35	0.00	0.08	0.08	377
Vendor	0.03	0.77	0.47	< 0.005	0.01	0.09	0.10	0.01	0.03	0.03	413
Hauling	0.01	0.50	0.17	< 0.005	0.01	0.11	0.11	0.01	0.03	0.03	424
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.03	0.34	0.00	0.00	0.06	0.06	0.00	0.02	0.02	62.4

Vendor	0.01	0.14	0.09	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	68.5
Hauling	< 0.005	0.09	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	70.2

3.7. Building Construction (2024) - 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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	6.36	66.2	76.6	0.14	2.38	—	2.38	2.19	—	2.19	14,002
Onsite truck	0.07	1.55	1.12	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	265
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	6.36	66.2	76.6	0.14	2.38	—	2.38	2.19	—	2.19	14,002
Onsite truck	0.06	1.62	1.16	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	268
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.34	14.0	16.2	0.03	0.50	—	0.50	0.46	—	0.46	2,959
Onsite truck	0.01	0.33	0.24	< 0.005	< 0.005	0.97	0.97	< 0.005	0.10	0.10	56.3
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25	2.55	2.96	0.01	0.09	—	0.09	0.08	—	0.08	490
Onsite truck	< 0.005	0.06	0.04	< 0.005	< 0.005	0.18	0.18	< 0.005	0.02	0.02	9.33
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	1.01	1.08	17.0	0.00	0.00	2.94	2.94	0.00	0.69	0.69	3,224
Vendor	0.08	3.04	1.49	0.02	0.04	0.68	0.72	0.04	0.19	0.23	2,697
Hauling	0.05	3.27	1.18	0.02	0.03	0.73	0.77	0.03	0.20	0.24	2,907

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.99	1.27	14.3	0.00	0.00	2.94	2.94	0.00	0.69	0.69	3,048
Vendor	0.08	3.16	1.53	0.02	0.04	0.68	0.72	0.04	0.19	0.23	2,691
Hauling	0.05	3.39	1.17	0.02	0.03	0.73	0.77	0.03	0.20	0.24	2,901
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.21	0.27	3.19	0.00	0.00	0.61	0.61	0.00	0.14	0.14	655
Vendor	0.02	0.68	0.32	< 0.005	0.01	0.14	0.15	0.01	0.04	0.05	569
Hauling	0.01	0.73	0.25	< 0.005	0.01	0.15	0.16	0.01	0.04	0.05	614
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.05	0.58	0.00	0.00	0.11	0.11	0.00	0.03	0.03	108
Vendor	< 0.005	0.12	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	94.2
Hauling	< 0.005	0.13	0.04	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	102

3.8. Building Construction (2024) - 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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.99	29.8	89.3	0.14	0.45	—	0.45	0.43	—	0.43	14,002
Onsite truck	0.07	1.55	1.12	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	265
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.99	29.8	89.3	0.14	0.45	—	0.45	0.43	—	0.43	14,002
Onsite truck	0.06	1.62	1.16	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	268
Average Daily	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.42	6.29	18.9	0.03	0.09	—	0.09	0.09	—	0.09	2,959
Onsite truck	0.01	0.33	0.24	< 0.005	< 0.005	0.97	0.97	< 0.005	0.10	0.10	56.3
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	1.15	3.45	0.01	0.02	—	0.02	0.02	—	0.02	490
Onsite truck	< 0.005	0.06	0.04	< 0.005	< 0.005	0.18	0.18	< 0.005	0.02	0.02	9.33
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	1.01	1.08	17.0	0.00	0.00	2.94	2.94	0.00	0.69	0.69	3,224
Vendor	0.08	3.04	1.49	0.02	0.04	0.68	0.72	0.04	0.19	0.23	2,697
Hauling	0.05	3.27	1.18	0.02	0.03	0.73	0.77	0.03	0.20	0.24	2,907
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.99	1.27	14.3	0.00	0.00	2.94	2.94	0.00	0.69	0.69	3,048
Vendor	0.08	3.16	1.53	0.02	0.04	0.68	0.72	0.04	0.19	0.23	2,691
Hauling	0.05	3.39	1.17	0.02	0.03	0.73	0.77	0.03	0.20	0.24	2,901
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.21	0.27	3.19	0.00	0.00	0.61	0.61	0.00	0.14	0.14	655
Vendor	0.02	0.68	0.32	< 0.005	0.01	0.14	0.15	0.01	0.04	0.05	569
Hauling	0.01	0.73	0.25	< 0.005	0.01	0.15	0.16	0.01	0.04	0.05	614
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.05	0.58	0.00	0.00	0.11	0.11	0.00	0.03	0.03	108
Vendor	< 0.005	0.12	0.06	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	94.2
Hauling	< 0.005	0.13	0.04	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	102

3.9. Building Construction (2025) - Unmitigated

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

6 and Alameda Campus - Construction and Operations (Compliance with City Ordinance No. 187,714) Custom Report, 7/16/2024

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.93	62.3	76.1	0.14	2.07	—	2.07	1.90	—	1.90	14,001
Onsite truck	0.07	1.53	1.12	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	261
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.93	62.3	76.1	0.14	2.07	—	2.07	1.90	—	1.90	14,001
Onsite truck	0.06	1.61	1.16	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	264
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.23	44.5	54.3	0.10	1.48	—	1.48	1.36	—	1.36	10,001
Onsite truck	0.05	1.12	0.81	< 0.005	< 0.005	3.28	3.28	< 0.005	0.33	0.33	187
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	8.12	9.92	0.02	0.27	—	0.27	0.25	—	0.25	1,656
Onsite truck	0.01	0.20	0.15	< 0.005	< 0.005	0.60	0.60	< 0.005	0.06	0.06	31.0
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.96	0.97	15.7	0.00	0.00	2.94	2.94	0.00	0.69	0.69	3,157
Vendor	0.07	2.88	1.41	0.02	0.04	0.68	0.72	0.02	0.19	0.21	2,654
Hauling	0.03	3.15	1.14	0.02	0.03	0.73	0.77	0.03	0.20	0.24	2,854
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.95	1.08	13.3	0.00	0.00	2.94	2.94	0.00	0.69	0.69	2,986
Vendor	0.07	3.01	1.43	0.02	0.04	0.68	0.72	0.02	0.19	0.21	2,648
Hauling	0.03	3.27	1.15	0.02	0.03	0.73	0.77	0.03	0.20	0.24	2,848

Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.68	0.83	9.96	0.00	0.00	2.08	2.08	0.00	0.49	0.49	2,166
Vendor	0.05	2.16	1.01	0.01	0.03	0.48	0.51	0.01	0.13	0.15	1,893
Hauling	0.02	2.37	0.82	0.01	0.02	0.52	0.54	0.02	0.14	0.17	2,036
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.15	1.82	0.00	0.00	0.38	0.38	0.00	0.09	0.09	359
Vendor	0.01	0.39	0.18	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	313
Hauling	< 0.005	0.43	0.15	< 0.005	< 0.005	0.09	0.10	< 0.005	0.03	0.03	337

3.10. Building Construction (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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.96	29.6	89.3	0.14	0.42	—	0.42	0.41	—	0.41	14,001
Onsite truck	0.07	1.53	1.12	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	261
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.96	29.6	89.3	0.14	0.42	—	0.42	0.41	—	0.41	14,001
Onsite truck	0.06	1.61	1.16	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	264
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.40	21.1	63.8	0.10	0.30	—	0.30	0.29	—	0.29	10,001
Onsite truck	0.05	1.12	0.81	< 0.005	< 0.005	3.28	3.28	< 0.005	0.33	0.33	187
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.26	3.85	11.6	0.02	0.06	—	0.06	0.05	—	0.05	1,656

Onsite truck	0.01	0.20	0.15	< 0.005	< 0.005	0.60	0.60	< 0.005	0.06	0.06	31.0
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.96	0.97	15.7	0.00	0.00	2.94	2.94	0.00	0.69	0.69	3,157
Vendor	0.07	2.88	1.41	0.02	0.04	0.68	0.72	0.02	0.19	0.21	2,654
Hauling	0.03	3.15	1.14	0.02	0.03	0.73	0.77	0.03	0.20	0.24	2,854
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.95	1.08	13.3	0.00	0.00	2.94	2.94	0.00	0.69	0.69	2,986
Vendor	0.07	3.01	1.43	0.02	0.04	0.68	0.72	0.02	0.19	0.21	2,648
Hauling	0.03	3.27	1.15	0.02	0.03	0.73	0.77	0.03	0.20	0.24	2,848
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.68	0.83	9.96	0.00	0.00	2.08	2.08	0.00	0.49	0.49	2,166
Vendor	0.05	2.16	1.01	0.01	0.03	0.48	0.51	0.01	0.13	0.15	1,893
Hauling	0.02	2.37	0.82	0.01	0.02	0.52	0.54	0.02	0.14	0.17	2,036
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.15	1.82	0.00	0.00	0.38	0.38	0.00	0.09	0.09	359
Vendor	0.01	0.39	0.18	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	313
Hauling	< 0.005	0.43	0.15	< 0.005	< 0.005	0.09	0.10	< 0.005	0.03	0.03	337

3.11. Building Construction (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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	5.70	60.0	75.7	0.14	1.89	—	1.89	1.74	—	1.74	13,999
Onsite truck	0.06	1.59	1.16	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	260
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.83	8.69	11.0	0.02	0.27	—	0.27	0.25	—	0.25	2,027
Onsite truck	0.01	0.22	0.16	< 0.005	< 0.005	0.66	0.66	< 0.005	0.07	0.07	37.4
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	1.59	2.00	< 0.005	0.05	—	0.05	0.05	—	0.05	336
Onsite truck	< 0.005	0.04	0.03	< 0.005	< 0.005	0.12	0.12	< 0.005	0.01	0.01	6.19
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.82	0.98	12.4	0.00	0.00	2.94	2.94	0.00	0.69	0.69	2,925
Vendor	0.07	2.88	1.36	0.02	0.04	0.68	0.72	0.02	0.19	0.21	2,604
Hauling	0.03	3.14	1.12	0.02	0.03	0.73	0.77	0.03	0.20	0.24	2,799
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.15	1.88	0.00	0.00	0.42	0.42	0.00	0.10	0.10	430
Vendor	0.01	0.42	0.20	< 0.005	0.01	0.10	0.10	< 0.005	0.03	0.03	377
Hauling	< 0.005	0.46	0.16	< 0.005	0.01	0.11	0.11	0.01	0.03	0.03	406
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.03	0.34	0.00	0.00	0.08	0.08	0.00	0.02	0.02	71.3
Vendor	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	62.5
Hauling	< 0.005	0.08	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	67.2

3.12. Building Construction (2026) - Mitigated

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

6 and Alameda Campus - Construction and Operations (Compliance with City Ordinance No. 187,714) Custom Report, 7/16/2024

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.95	29.4	89.3	0.14	0.41	—	0.41	0.40	—	0.40	13,999
Onsite truck	0.06	1.59	1.16	< 0.005	< 0.005	4.83	4.83	< 0.005	0.48	0.48	260
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	4.26	12.9	0.02	0.06	—	0.06	0.06	—	0.06	2,027
Onsite truck	0.01	0.22	0.16	< 0.005	< 0.005	0.66	0.66	< 0.005	0.07	0.07	37.4
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.78	2.36	< 0.005	0.01	—	0.01	0.01	—	0.01	336
Onsite truck	< 0.005	0.04	0.03	< 0.005	< 0.005	0.12	0.12	< 0.005	0.01	0.01	6.19
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.82	0.98	12.4	0.00	0.00	2.94	2.94	0.00	0.69	0.69	2,925
Vendor	0.07	2.88	1.36	0.02	0.04	0.68	0.72	0.02	0.19	0.21	2,604
Hauling	0.03	3.14	1.12	0.02	0.03	0.73	0.77	0.03	0.20	0.24	2,799
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.15	1.88	0.00	0.00	0.42	0.42	0.00	0.10	0.10	430
Vendor	0.01	0.42	0.20	< 0.005	0.01	0.10	0.10	< 0.005	0.03	0.03	377
Hauling	< 0.005	0.46	0.16	< 0.005	0.01	0.11	0.11	0.01	0.03	0.03	406
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.03	0.34	0.00	0.00	0.08	0.08	0.00	0.02	0.02	71.3

Vendor	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	62.5
Hauling	< 0.005	0.08	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	67.2

3.13. Paving (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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.41	32.8	43.7	0.08	1.11	—	1.11	1.02	—	1.02	7,832
Paving	0.24	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.03	0.58	0.43	< 0.005	< 0.005	1.86	1.86	< 0.005	0.19	0.19	98.9
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.41	32.8	43.7	0.08	1.11	—	1.11	1.02	—	1.02	7,832
Paving	0.24	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.02	0.61	0.45	< 0.005	< 0.005	1.86	1.86	< 0.005	0.19	0.19	100
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.70	6.75	8.98	0.02	0.23	—	0.23	0.21	—	0.21	1,609
Paving	0.05	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.01	0.12	0.09	< 0.005	< 0.005	0.36	0.36	< 0.005	0.04	0.04	20.4
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	1.23	1.64	< 0.005	0.04	—	0.04	0.04	—	0.04	266
Paving	0.01	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	0.02	0.02	< 0.005	< 0.005	0.07	0.07	< 0.005	0.01	0.01	3.38
Offsite	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.23	3.88	0.00	0.00	0.78	0.78	0.00	0.18	0.18	825
Vendor	0.02	0.82	0.40	0.01	0.01	0.21	0.22	0.01	0.06	0.06	783
Hauling	0.02	2.01	0.74	0.01	0.02	0.49	0.51	0.02	0.13	0.16	1,869
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.26	3.31	0.00	0.00	0.78	0.78	0.00	0.18	0.18	780
Vendor	0.02	0.86	0.41	0.01	0.01	0.21	0.22	0.01	0.06	0.06	781
Hauling	0.02	2.10	0.75	0.01	0.02	0.49	0.51	0.02	0.13	0.16	1,866
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.06	0.71	0.00	0.00	0.16	0.16	0.00	0.04	0.04	163
Vendor	< 0.005	0.18	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	161
Hauling	< 0.005	0.44	0.15	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	384
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	27.0
Vendor	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	26.6
Hauling	< 0.005	0.08	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	63.5

3.14. Paving (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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.16	18.1	50.3	0.08	0.22	—	0.22	0.21	—	0.21	7,832
Paving	0.24	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.03	0.58	0.43	< 0.005	< 0.005	1.86	1.86	< 0.005	0.19	0.19	98.9

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Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.16	18.1	50.3	0.08	0.22	—	0.22	0.21	—	0.21	7,832
Paving	0.24	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.02	0.61	0.45	< 0.005	< 0.005	1.86	1.86	< 0.005	0.19	0.19	100
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	3.72	10.3	0.02	0.04	—	0.04	0.04	—	0.04	1,609
Paving	0.05	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.01	0.12	0.09	< 0.005	< 0.005	0.36	0.36	< 0.005	0.04	0.04	20.4
Annual	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.68	1.89	< 0.005	0.01	—	0.01	0.01	—	0.01	266
Paving	0.01	—	—	—	—	—	—	—	—	—	—
Onsite truck	< 0.005	0.02	0.02	< 0.005	< 0.005	0.07	0.07	< 0.005	0.01	0.01	3.38
Offsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.23	3.88	0.00	0.00	0.78	0.78	0.00	0.18	0.18	825
Vendor	0.02	0.82	0.40	0.01	0.01	0.21	0.22	0.01	0.06	0.06	783
Hauling	0.02	2.01	0.74	0.01	0.02	0.49	0.51	0.02	0.13	0.16	1,869
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.26	3.31	0.00	0.00	0.78	0.78	0.00	0.18	0.18	780
Vendor	0.02	0.86	0.41	0.01	0.01	0.21	0.22	0.01	0.06	0.06	781
Hauling	0.02	2.10	0.75	0.01	0.02	0.49	0.51	0.02	0.13	0.16	1,866
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.06	0.71	0.00	0.00	0.16	0.16	0.00	0.04	0.04	163
Vendor	< 0.005	0.18	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	161
Hauling	< 0.005	0.44	0.15	< 0.005	< 0.005	0.10	0.10	< 0.005	0.03	0.03	384

Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	27.0
Vendor	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	26.6
Hauling	< 0.005	0.08	0.03	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	63.5

3.15. Architectural Coating (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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	60.6	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	60.6	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	17.8	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	3.24	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.16. Architectural Coating (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	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	60.6	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	60.6	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	17.8	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	3.24	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	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

Mobile source emissions results are presented in Sections 2.6. No further detailed breakdown of emissions is available.

4.1.2. Mitigated

Mobile source emissions results are presented in Sections 2.5. No further detailed breakdown of emissions is available.

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	8,075
Industrial Park	—	—	—	—	—	—	—	—	—	—	8,064
Strip Mall	—	—	—	—	—	—	—	—	—	—	1,272
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	1,039
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	256
Total	—	—	—	—	—	—	—	—	—	—	18,707
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	8,075
Industrial Park	—	—	—	—	—	—	—	—	—	—	8,064

Strip Mall	—	—	—	—	—	—	—	—	—	—	1,272
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	1,039
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	256
Total	—	—	—	—	—	—	—	—	—	—	18,707
Annual	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	1,337
Industrial Park	—	—	—	—	—	—	—	—	—	—	1,335
Strip Mall	—	—	—	—	—	—	—	—	—	—	211
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	172
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	42.3
Total	—	—	—	—	—	—	—	—	—	—	3,097

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	8,075

Industrial Park	—	—	—	—	—	—	—	—	—	—	8,064
Strip Mall	—	—	—	—	—	—	—	—	—	—	1,272
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	1,039
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	256
Total	—	—	—	—	—	—	—	—	—	—	18,707
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	8,075
Industrial Park	—	—	—	—	—	—	—	—	—	—	8,064
Strip Mall	—	—	—	—	—	—	—	—	—	—	1,272
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	1,039
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	256
Total	—	—	—	—	—	—	—	—	—	—	18,707
Annual	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	1,337
Industrial Park	—	—	—	—	—	—	—	—	—	—	1,335
Strip Mall	—	—	—	—	—	—	—	—	—	—	211

Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	172
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	42.3
Total	—	—	—	—	—	—	—	—	—	—	3,097

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Industrial Park	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
High Turnover (Sit Down Restaurant)	< 0.005	0.08	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	90.2
Total	< 0.005	0.08	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	90.2
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00

Industrial Park	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
High Turnover (Sit Down Restaurant)	< 0.005	0.08	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	90.2
Total	< 0.005	0.08	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	90.2
Annual	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Industrial Park	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
High Turnover (Sit Down Restaurant)	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	14.9
Total	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	14.9

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—

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General Office Building	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Industrial Park	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
High Turnover (Sit Down Restaurant)	< 0.005	0.08	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	90.2
Total	< 0.005	0.08	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	90.2
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Industrial Park	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Strip Mall	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
High Turnover (Sit Down Restaurant)	< 0.005	0.08	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	90.2
Total	< 0.005	0.08	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	90.2
Annual	—	—	—	—	—	—	—	—	—	—	—
General Office Building	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Industrial Park	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00

Strip Mall	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00
High Turnover (Sit Down Restaurant)	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	14.9
Total	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	14.9

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	14.5	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.78	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	6.99	0.36	42.6	< 0.005	0.06	—	0.06	0.08	—	0.08	176
Total	23.3	0.36	42.6	< 0.005	0.06	—	0.06	0.08	—	0.08	176
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	14.5	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.78	—	—	—	—	—	—	—	—	—	—
Total	16.3	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	2.65	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.32	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.87	0.04	5.32	< 0.005	0.01	—	0.01	0.01	—	0.01	19.9
Total	3.84	0.04	5.32	< 0.005	0.01	—	0.01	0.01	—	0.01	19.9

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	14.5	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.78	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	6.99	0.36	42.6	< 0.005	0.06	—	0.06	0.08	—	0.08	176
Total	23.3	0.36	42.6	< 0.005	0.06	—	0.06	0.08	—	0.08	176
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	14.5	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.78	—	—	—	—	—	—	—	—	—	—
Total	16.3	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	2.65	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.32	—	—	—	—	—	—	—	—	—	—

Landscape Equipment	0.87	0.04	5.32	< 0.005	0.01	—	0.01	0.01	—	0.01	19.9
Total	3.84	0.04	5.32	< 0.005	0.01	—	0.01	0.01	—	0.01	19.9

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	881
Industrial Park	—	—	—	—	—	—	—	—	—	—	1,140
Strip Mall	—	—	—	—	—	—	—	—	—	—	89.4
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	20.0
Total	—	—	—	—	—	—	—	—	—	—	2,131
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	881
Industrial Park	—	—	—	—	—	—	—	—	—	—	1,140
Strip Mall	—	—	—	—	—	—	—	—	—	—	89.4

Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	20.0
Total	—	—	—	—	—	—	—	—	—	—	2,131
Annual	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	146
Industrial Park	—	—	—	—	—	—	—	—	—	—	189
Strip Mall	—	—	—	—	—	—	—	—	—	—	14.8
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	3.31
Total	—	—	—	—	—	—	—	—	—	—	353

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	705
Industrial Park	—	—	—	—	—	—	—	—	—	—	912

Strip Mall	—	—	—	—	—	—	—	—	—	—	71.5
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	16.0
Total	—	—	—	—	—	—	—	—	—	—	1,705
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	705
Industrial Park	—	—	—	—	—	—	—	—	—	—	912
Strip Mall	—	—	—	—	—	—	—	—	—	—	71.5
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	16.0
Total	—	—	—	—	—	—	—	—	—	—	1,705
Annual	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	117
Industrial Park	—	—	—	—	—	—	—	—	—	—	151
Strip Mall	—	—	—	—	—	—	—	—	—	—	11.8
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00

Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	2.65
Total	—	—	—	—	—	—	—	—	—	—	282

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	525
Industrial Park	—	—	—	—	—	—	—	—	—	—	699
Strip Mall	—	—	—	—	—	—	—	—	—	—	145
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	89.8
Total	—	—	—	—	—	—	—	—	—	—	1,459
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	525
Industrial Park	—	—	—	—	—	—	—	—	—	—	699

Strip Mall	—	—	—	—	—	—	—	—	—	—	145
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	89.8
Total	—	—	—	—	—	—	—	—	—	—	1,459
Annual	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	86.9
Industrial Park	—	—	—	—	—	—	—	—	—	—	116
Strip Mall	—	—	—	—	—	—	—	—	—	—	24.0
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	14.9
Total	—	—	—	—	—	—	—	—	—	—	242

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	124

Industrial Park	—	—	—	—	—	—	—	—	—	—	165
Strip Mall	—	—	—	—	—	—	—	—	—	—	34.2
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	21.2
Total	—	—	—	—	—	—	—	—	—	—	344
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	124
Industrial Park	—	—	—	—	—	—	—	—	—	—	165
Strip Mall	—	—	—	—	—	—	—	—	—	—	34.2
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	21.2
Total	—	—	—	—	—	—	—	—	—	—	344
Annual	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	20.5
Industrial Park	—	—	—	—	—	—	—	—	—	—	27.3
Strip Mall	—	—	—	—	—	—	—	—	—	—	5.66

Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	3.51
Total	—	—	—	—	—	—	—	—	—	—	57.0

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	0.73
Industrial Park	—	—	—	—	—	—	—	—	—	—	77.8
Strip Mall	—	—	—	—	—	—	—	—	—	—	0.46
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	6.25
Total	—	—	—	—	—	—	—	—	—	—	85.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	0.73
Industrial Park	—	—	—	—	—	—	—	—	—	—	77.8
Strip Mall	—	—	—	—	—	—	—	—	—	—	0.46

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	6.25
Total	—	—	—	—	—	—	—	—	—	—	85.3
Annual	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	0.12
Industrial Park	—	—	—	—	—	—	—	—	—	—	12.9
Strip Mall	—	—	—	—	—	—	—	—	—	—	0.08
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	1.04
Total	—	—	—	—	—	—	—	—	—	—	14.1

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	0.73
Industrial Park	—	—	—	—	—	—	—	—	—	—	77.8
Strip Mall	—	—	—	—	—	—	—	—	—	—	0.46
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	6.25
Total	—	—	—	—	—	—	—	—	—	—	85.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	0.73
Industrial Park	—	—	—	—	—	—	—	—	—	—	77.8

Strip Mall	—	—	—	—	—	—	—	—	—	—	0.46
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	6.25
Total	—	—	—	—	—	—	—	—	—	—	85.3
Annual	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	0.12
Industrial Park	—	—	—	—	—	—	—	—	—	—	12.9
Strip Mall	—	—	—	—	—	—	—	—	—	—	0.08
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	1.04
Total	—	—	—	—	—	—	—	—	—	—	14.1

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	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	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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	4.92	22.0	12.6	0.02	0.10	0.00	0.10	0.10	0.00	0.10	2,527
Total	4.92	22.0	12.6	0.02	0.10	0.00	0.10	0.10	0.00	0.10	2,527
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	4.92	22.0	12.6	0.02	0.10	0.00	0.10	0.10	0.00	0.10	2,527
Total	4.92	22.0	12.6	0.02	0.10	0.00	0.10	0.10	0.00	0.10	2,527
Annual	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.49	2.20	1.26	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	229
Total	0.49	2.20	1.26	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	229

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	4.92	22.0	12.6	0.02	0.10	0.00	0.10	0.10	0.00	0.10	2,527
Total	4.92	22.0	12.6	0.02	0.10	0.00	0.10	0.10	0.00	0.10	2,527
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	4.92	22.0	12.6	0.02	0.10	0.00	0.10	0.10	0.00	0.10	2,527
Total	4.92	22.0	12.6	0.02	0.10	0.00	0.10	0.10	0.00	0.10	2,527
Annual	—	—	—	—	—	—	—	—	—	—	—
Emergency Generator	0.49	2.20	1.26	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	229
Total	0.49	2.20	1.26	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	229

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	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	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	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	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	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	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—

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)

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	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	CO2e
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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	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

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	2/7/2024	4/8/2024	5.00	44.0	—
Grading	Grading	4/9/2024	5/24/2024	5.00	34.0	—
Foundations	Building Construction	5/25/2024	9/14/2024	5.00	80.0	—
Building Construction	Building Construction	9/15/2024	3/15/2026	5.00	390	—
Paving	Paving	3/16/2026	6/28/2026	5.00	75.0	—
Architectural Coating	Architectural Coating	1/1/2026	5/31/2026	5.00	107	—

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
Demolition	Air Compressors	Diesel	Average	2.00	8.00	37.0	0.48
Demolition	Concrete/Industrial Saws	Diesel	Average	5.00	8.00	33.0	0.73

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Demolition	Other Construction Equipment	Diesel	Average	5.00	8.00	82.0	0.42
Demolition	Excavators	Diesel	Average	4.00	8.00	158	0.38
Demolition	Rough Terrain Forklifts	Diesel	Average	2.00	8.00	96.0	0.40
Demolition	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Demolition	Rubber Tired Loaders	Diesel	Average	1.00	8.00	150	0.36
Demolition	Tractors/Loaders/Back hoes	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Excavators	Diesel	Average	2.00	8.00	158	0.38
Grading	Other Construction Equipment	Diesel	Average	2.00	8.00	82.0	0.42
Grading	Rollers	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Rubber Tired Loaders	Diesel	Average	2.00	8.00	150	0.36
Grading	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Grading	Tractors/Loaders/Back hoes	Diesel	Average	2.00	8.00	84.0	0.37
Grading	Crawler Tractors	Diesel	Average	2.00	8.00	87.0	0.43
Foundations	Cranes	Diesel	Average	2.00	12.0	367	0.29
Foundations	Other Construction Equipment	Diesel	Average	2.00	12.0	82.0	0.42
Foundations	Pumps	Diesel	Average	2.00	12.0	11.0	0.74
Foundations	Plate Compactors	Diesel	Average	2.00	12.0	8.00	0.43
Foundations	Rough Terrain Forklifts	Diesel	Average	2.00	12.0	96.0	0.40
Foundations	Skid Steer Loaders	Diesel	Average	2.00	12.0	71.0	0.37
Foundations	Surfacing Equipment	Diesel	Average	4.00	12.0	399	0.30
Foundations	Tractors/Loaders/Back hoes	Diesel	Average	2.00	12.0	84.0	0.37
Foundations	Welders	Diesel	Average	1.00	12.0	46.0	0.45
Building Construction	Air Compressors	Diesel	Average	2.00	8.00	37.0	0.48
Building Construction	Aerial Lifts	Diesel	Average	16.0	8.00	46.0	0.31

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Building Construction	Concrete/Industrial Saws	Diesel	Average	2.00	8.00	33.0	0.73
Building Construction	Cranes	Diesel	Average	4.00	8.00	367	0.29
Building Construction	Other Construction Equipment	Diesel	Average	6.00	8.00	82.0	0.42
Building Construction	Pumps	Diesel	Average	2.00	8.00	11.0	0.74
Building Construction	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43
Building Construction	Rough Terrain Forklifts	Diesel	Average	6.00	8.00	96.0	0.40
Building Construction	Skid Steer Loaders	Diesel	Average	2.00	8.00	71.0	0.37
Building Construction	Welders	Diesel	Average	4.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Back hoes	Diesel	Average	4.00	8.00	84.0	0.37
Paving	Air Compressors	Diesel	Average	2.00	8.00	37.0	0.48
Paving	Aerial Lifts	Diesel	Average	4.00	8.00	46.0	0.31
Paving	Cement and Mortar Mixers	Diesel	Average	2.00	8.00	10.0	0.56
Paving	Concrete/Industrial Saws	Diesel	Average	2.00	8.00	33.0	0.73
Paving	Cranes	Diesel	Average	2.00	8.00	367	0.29
Paving	Other Construction Equipment	Diesel	Average	1.00	8.00	82.0	0.42
Paving	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Paving	Pumps	Diesel	Average	1.00	8.00	11.0	0.74
Paving	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43
Paving	Rough Terrain Forklifts	Diesel	Average	2.00	8.00	96.0	0.40
Paving	Rubber Tired Loaders	Diesel	Average	1.00	8.00	150	0.36
Paving	Skid Steer Loaders	Diesel	Average	4.00	8.00	71.0	0.37
Paving	Tractors/Loaders/Back hoes	Diesel	Average	2.00	8.00	84.0	0.37
Paving	Trenchers	Diesel	Average	2.00	8.00	40.0	0.50

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Air Compressors	Diesel	Tier 4 Final	2.00	8.00	37.0	0.48
Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	5.00	8.00	33.0	0.73
Demolition	Other Construction Equipment	Diesel	Tier 4 Final	5.00	8.00	82.0	0.42
Demolition	Excavators	Diesel	Tier 4 Final	4.00	8.00	158	0.38
Demolition	Rough Terrain Forklifts	Diesel	Tier 4 Final	2.00	8.00	96.0	0.40
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Demolition	Rubber Tired Loaders	Diesel	Tier 4 Final	1.00	8.00	150	0.36
Demolition	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading	Excavators	Diesel	Tier 4 Final	2.00	8.00	158	0.38
Grading	Other Construction Equipment	Diesel	Tier 4 Final	2.00	8.00	82.0	0.42
Grading	Rollers	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
Grading	Rubber Tired Loaders	Diesel	Tier 4 Final	2.00	8.00	150	0.36
Grading	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Grading	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Grading	Crawler Tractors	Diesel	Tier 4 Final	2.00	8.00	87.0	0.43
Foundations	Cranes	Diesel	Tier 4 Final	2.00	12.0	367	0.29
Foundations	Other Construction Equipment	Diesel	Tier 4 Final	2.00	12.0	82.0	0.42
Foundations	Pumps	Diesel	Average	2.00	12.0	11.0	0.74
Foundations	Plate Compactors	Diesel	Average	2.00	12.0	8.00	0.43
Foundations	Rough Terrain Forklifts	Diesel	Tier 4 Final	2.00	12.0	96.0	0.40
Foundations	Skid Steer Loaders	Diesel	Tier 4 Final	2.00	12.0	71.0	0.37
Foundations	Surfacing Equipment	Diesel	Tier 4 Final	4.00	12.0	399	0.30

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Foundations	Tractors/Loaders/Back	Diesel	Tier 4 Final	2.00	12.0	84.0	0.37
Foundations	Welders	Diesel	Tier 4 Final	1.00	12.0	46.0	0.45
Building Construction	Air Compressors	Diesel	Tier 4 Final	2.00	8.00	37.0	0.48
Building Construction	Aerial Lifts	Diesel	Tier 4 Final	16.0	8.00	46.0	0.31
Building Construction	Concrete/Industrial Saws	Diesel	Tier 4 Final	2.00	8.00	33.0	0.73
Building Construction	Cranes	Diesel	Tier 4 Final	4.00	8.00	367	0.29
Building Construction	Other Construction Equipment	Diesel	Average	1.00	8.00	82.0	0.42
Building Construction	Other Construction Equipment	Diesel	Tier 4 Final	5.00	8.00	82.0	0.42
Building Construction	Pumps	Diesel	Average	2.00	8.00	11.0	0.74
Building Construction	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43
Building Construction	Rough Terrain Forklifts	Diesel	Tier 4 Final	6.00	8.00	96.0	0.40
Building Construction	Skid Steer Loaders	Diesel	Tier 4 Final	2.00	8.00	71.0	0.37
Building Construction	Welders	Diesel	Tier 4 Final	4.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Paving	Air Compressors	Diesel	Tier 4 Final	2.00	8.00	37.0	0.48
Paving	Aerial Lifts	Diesel	Tier 4 Final	4.00	8.00	46.0	0.31
Paving	Cement and Mortar Mixers	Diesel	Average	2.00	8.00	10.0	0.56
Paving	Concrete/Industrial Saws	Diesel	Tier 4 Final	2.00	8.00	33.0	0.73
Paving	Cranes	Diesel	Tier 4 Final	2.00	8.00	367	0.29
Paving	Other Construction Equipment	Diesel	Tier 4 Final	1.00	8.00	82.0	0.42
Paving	Pavers	Diesel	Tier 4 Final	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	1.00	8.00	89.0	0.36
Paving	Pumps	Diesel	Average	1.00	8.00	11.0	0.74
Paving	Plate Compactors	Diesel	Average	2.00	8.00	8.00	0.43

Paving	Rough Terrain Forklifts	Diesel	Tier 4 Final	2.00	8.00	96.0	0.40
Paving	Rubber Tired Loaders	Diesel	Tier 4 Final	1.00	8.00	150	0.36
Paving	Skid Steer Loaders	Diesel	Tier 4 Final	4.00	8.00	71.0	0.37
Paving	Tractors/Loaders/Back hoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Paving	Trenchers	Diesel	Tier 4 Final	2.00	8.00	40.0	0.50

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	40.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	16.0	10.2	HHDT,MHDT
Demolition	Hauling	150	33.0	HHDT
Demolition	Onsite truck	166	0.20	HHDT
Grading	—	—	—	—
Grading	Worker	35.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	16.0	10.2	HHDT,MHDT
Grading	Hauling	180	33.0	HHDT
Grading	Onsite truck	196	0.20	HHDT
Foundations	—	—	—	—
Foundations	Worker	125	18.5	LDA,LDT1,LDT2
Foundations	Vendor	200	2.60	HHDT,MHDT
Foundations	Hauling	16.0	33.0	HHDT
Foundations	Onsite truck	216	0.20	HHDT
Paving	—	—	—	—
Paving	Worker	60.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	24.0	10.2	HHDT,MHDT

Paving	Hauling	16.0	33.0	HHDT
Paving	Onsite truck	40.0	0.20	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	0.00	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	0.00	0.00	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	225	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	80.0	10.2	HHDT,MHDT
Building Construction	Hauling	24.0	33.0	HHDT
Building Construction	Onsite truck	104	0.20	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	40.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	16.0	10.2	HHDT,MHDT
Demolition	Hauling	150	33.0	HHDT
Demolition	Onsite truck	166	0.20	HHDT
Grading	—	—	—	—
Grading	Worker	35.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	16.0	10.2	HHDT,MHDT
Grading	Hauling	180	33.0	HHDT
Grading	Onsite truck	196	0.20	HHDT
Foundations	—	—	—	—
Foundations	Worker	125	18.5	LDA,LDT1,LDT2
Foundations	Vendor	200	2.60	HHDT,MHDT

Foundations	Hauling	16.0	33.0	HHDT
Foundations	Onsite truck	216	0.20	HHDT
Paving	—	—	—	—
Paving	Worker	60.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	24.0	10.2	HHDT,MHDT
Paving	Hauling	16.0	33.0	HHDT
Paving	Onsite truck	40.0	0.20	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	0.00	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	0.00	0.00	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	225	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	80.0	10.2	HHDT,MHDT
Building Construction	Hauling	24.0	33.0	HHDT
Building Construction	Onsite truck	104	0.20	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

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

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)
Architectural Coating	0.00	0.00	1,026,807	339,293	32,088

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)
Demolition	0.00	0.00	0.00	286,000	—
Grading	0.00	40,000	102	0.00	—
Paving	0.00	0.00	0.00	0.00	12.3

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
General Office Building	0.00	0%
Industrial Park	0.00	0%
Strip Mall	0.00	0%
Unenclosed Parking with Elevator	6.83	100%
Other Non-Asphalt Surfaces	5.45	0%
High Turnover (Sit Down Restaurant)	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	690	0.05	0.01

2025	0.00	690	0.05	0.01
2026	0.00	690	0.05	0.01

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
Total all Land Uses	3,815	3,815	3,815	1,392,475	27,985	27,985	27,985	10,214,525

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMt/Weekday	VMt/Saturday	VMt/Sunday	VMt/Year
Total all Land Uses	3,815	3,815	3,815	1,392,475	27,985	27,985	27,985	10,214,525

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

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	1,026,807	339,293	32,088

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00

Summer Days	day/yr	250
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5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

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)
General Office Building	6,649,156	440	0.0489	0.0069	0.00
Industrial Park	6,640,384	440	0.0489	0.0069	0.00
Strip Mall	1,047,637	440	0.0489	0.0069	0.00
Unenclosed Parking with Elevator	855,545	440	0.0489	0.0069	0.00
Other Non-Asphalt Surfaces	0.00	440	0.0489	0.0069	0.00
High Turnover (Sit Down Restaurant)	210,428	440	0.0489	0.0069	280,800

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)
General Office Building	6,649,156	440	0.0489	0.0069	0.00
Industrial Park	6,640,384	440	0.0489	0.0069	0.00
Strip Mall	1,047,637	440	0.0489	0.0069	0.00
Unenclosed Parking with Elevator	855,545	440	0.0489	0.0069	0.00

Other Non-Asphalt Surfaces	0.00	440	0.0489	0.0069	0.00
High Turnover (Sit Down Restaurant)	210,428	440	0.0489	0.0069	280,800

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Office Building	53,214,728	630,952
Industrial Park	69,146,525	0.00
Strip Mall	5,421,516	0.00
Unenclosed Parking with Elevator	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00
High Turnover (Sit Down Restaurant)	1,214,135	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Office Building	42,571,783	504,762
Industrial Park	55,317,220	0.00
Strip Mall	4,337,213	0.00
Unenclosed Parking with Elevator	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00
High Turnover (Sit Down Restaurant)	971,308	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
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General Office Building	278	—
Industrial Park	371	—
Strip Mall	76.9	—
Unenclosed Parking with Elevator	0.00	—
Other Non-Asphalt Surfaces	0.00	—
High Turnover (Sit Down Restaurant)	47.6	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Office Building	65.7	—
Industrial Park	87.5	—
Strip Mall	18.1	—
Unenclosed Parking with Elevator	0.00	—
Other Non-Asphalt Surfaces	0.00	—
High Turnover (Sit Down Restaurant)	11.2	—

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
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Industrial Park	Other commercial A/C and heat pumps	R-410A	2,088	0.30	4.00	4.00	18.0
Strip Mall	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
High Turnover (Sit Down Restaurant)	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
High Turnover (Sit Down Restaurant)	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
High Turnover (Sit Down Restaurant)	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Industrial Park	Other commercial A/C and heat pumps	R-410A	2,088	0.30	4.00	4.00	18.0
Strip Mall	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Strip Mall	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Strip Mall	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
High Turnover (Sit Down Restaurant)	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
High Turnover (Sit Down Restaurant)	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0

High Turnover (Sit Down Restaurant)	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
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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
Emergency Generator	Diesel	2.00	1.00	200	750	0.73

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
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8. User Changes to Default Data

Screen	Justification
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Characteristics: Utility Information	Carbon Intensity for 2026
Land Use	Site Specific
Construction: Construction Phases	Site Specific
Construction: Off-Road Equipment	Site Specific
Construction: Trips and VMT	Site Specific
Operations: Energy Use	All Electric Ordinance - Restaurant Cooking Exempt
Construction: On-Road Fugitive Dust	Max onsite vehicle speed of 10mph.
Operations: Generators + Pumps EF	SCAQMD Rule 1472