

Appendix B

Air Quality and Greenhouse Gas Emissions

1360 N. Vine Street

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Technical Appendix for Air Quality and Greenhouse Gas Emissions

- Appendix B-1: Air Quality and Greenhouse Gas Emissions Methodology
- Appendix B-2: Air Quality Worksheets and Modeling Output Files
- Appendix B-3: Greenhouse Gas Worksheets and Modeling Output Files

1360 N. Vine Street

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Appendix B-1

Air Quality and Greenhouse Gas Methodology

AIR QUALITY AND GREENHOUSE GAS EMISSIONS METHODOLOGY

1360 North Vine Street Project

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TABLE OF CONTENTS

	<u>Page</u>
1. INTRODUCTION	2
2. AIR POLLUTANT AND GREENHOUSE GAS EMISSIONS METHODOLOGY	2

1360 North Vine Street Project

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 1360 North Vine Street 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 fireplaces, 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).
- 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 2016.3.2). 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:

Emissions pollutant (lbs) = VMT * EF running, pollutant

Where: VMT = vehicle miles traveled (miles)

EF running,pollutant = 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:

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

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.

(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, solid waste generation and disposal, and water usage/wastewater generation.

(3) Area Source Emissions

Area source emissions were calculated using the CalEEMod emissions inventory model, which includes consumer products, architectural coatings, fireplaces 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:

$$\text{Emissions Consumer Products (lbs)} = \text{EF}_{\text{CP}} \times \text{Building Area}$$

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.

GHG emissions associated with natural gas fired fireplaces are calculated using emission factors from the California Climate Action Registry (CCAR). The criteria pollutant emission factors are based on AP-42. Annual fireplace usage was calculated based on CalEEMod specific usage rates within Los Angeles County. Criteria pollutant emissions from natural gas fireplaces/stoves are computed by CalEEMod in a similar manner with emission factors also coming from AP-42.⁴

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.

⁴ USEPA. 1998. AP-42 Emission Factors. Chapter 1.4 Natural Gas Combustion, Pages 5-6, Tables 1.4-1 and 1.4-2, <http://www.epa.gov/ttnchie1/ap42/ch01/final/c01s04.pdf>.

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.

Consistent with Table IV.J-1 and Table IV.J-2 in Section IV.J, Energy Conservation and Infrastructure, of this Draft EIR, CalEEMod energy demand is based on the California Energy Commission (CEC) sponsored California Commercial End Use Survey (CEUS) study.⁵ The data is specific for climate zones and, therefore, Zone 11 was selected for the Project Site based on the ZIP Code tool.

(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:

⁵ CEC, *Commercial End-Use Survey, March 2006*.

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 [$\text{CO}_2 = 1$, $\text{CH}_4 = 21$, $\text{N}_2\text{O} = 310$]
 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 2016 Power Integrated Resource Plan, which provides a CO_2 intensity of 1,094 pounds of CO_2 per MWh. Currently, LADWP provides 29 percent of electricity via renewable sources.⁶ By 2020, LADWP is expecting to meet the State's Renewables Portfolio Standard of at least 33 percent of electricity via renewable sources and achieve a CO_2 intensity of 840 pounds of CO_2 per MWh. By 2030, at least 50 percent of electricity shall be obtained from renewable sources. As year-by-year data is currently not available, the CO_2 intensity factor for the Project buildout was conservatively assumed to be 616 pounds of CO_2 per MWh. Emission factors for CH_4 and N_2O were obtained from the CalEEMod.

(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:

⁶ California Energy Commission, *Utility Annual Power Content Labels for 2016*, www.energy.ca.gov/pcl/labels/.

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]
 i = 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). CalEEMod calculates VMT based on the type of land use, trip purpose, trip type percentages for each land use subtype in the project (primary, diverted, and pass-by). The model assumes that diverted trips are assumed to be 25 percent of the primary trip lengths and pass-by trips are assumed to be 0.1 mile in length and are a result of no diversion from the primary route. The Los Angeles County urban primary trip distance was selected for this analysis. Modeling was also conducted using the Los Angeles County vehicle fleet mix for all vehicle types as provided in EMFAC2014.

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 trip-generation estimates provided by Fehr and Peers.⁷ As discussed in Section IV.L, Traffic, of this Draft EIR, to calculate peak daily trip estimates, 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.⁸ 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, HQTAs area that promotes alternative modes of transportation. A ratio of ITE trip generation rates for weekend and weekday scenarios was used to estimate Project VMT during weekend conditions.

The Project design also 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). The Project represents an infill development within an existing urbanized area that would concentrate new residential, retail and office uses within an HQTAs. The Project Site is located approximately 0.4 miles from the Metro Red Line Hollywood/Vine station. The Project is also serviced by two Metro Rapid lines and seven Metro Local lines. The Project would locate residential uses in proximity to a job center which would reduce the distance required for travel from home to work. The Project would provide bicycle

⁷ 1360 North Vine Street Transportation Study, Fehr and Peers, City of Los Angeles, July 2018.

⁸ Environmental Protection Agency, Mixed-Use Trip Generation Model. www.epa.gov/smartgrowth/mixed-use-trip-generation-model. Accessed December 16, 2019.

storage areas for Project residents and visitors. Project characteristics that would reduce trips and VMT in comparison to a standard project within the air basin as measured by CalEEMod were provided in the CalEEMod output files.

(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:

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 MTCO_{2e} 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 75 percent diversion rate which is currently achieved by the City of Los Angeles.⁹

(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,

⁹ City of Los Angeles Solid Waste Integrated Resources Plan. October 2013.

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:

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

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

- 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]
 - El_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 as specified in Section IV.I.1, Utilities and Service Systems—Water Supply and Infrastructure, of this Draft EIR.

1360 N. Vine Street

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Appendix B-2

Air Quality Worksheets and Modeling Output Files

- Appendix B-2.1: Project Emissions Summary (Residential and Office Options)
 - Project Construction and Operational Emissions Summary
 - Localized Significance Threshold (LST) Calculation Worksheet

- Appendix B-2.2: Construction and Operational Emissions Inventory (Residential and Office Options)
 - CalEEMod Outputs – Operations (Baseline and Project)
 - Baseline (Existing)
 - Baseline (Buildout)
 - Buildout
 - Construction Onsite

1360 N. Vine Street

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Appendix B-2

Air Quality Worksheets and Modeling Output Files

- Appendix B-2.1: Project Emissions Summary (Residential and Office Options)
 - Project Construction and Operational Emissions Summary
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1360 Vine (Residential Option with Bungalows)
Air Quality Emissions Summary

AQ SUMMARY OF EMISSIONS						
Construction Emissions (Unmitigated)						
Regional (Daily) Unmitigated	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}
2021	2	18	15	0	1	1
2022	4	55	31	0	4	2
2023	5	29	42	0	7	3
2024	43	24	41	0	7	2
2025	44	32	54	<1	8	3
MAX	44	55	54	<1	8	3
Threshold	75	100	550	150	150	55
Difference	(31)	(45)	(496)	(150)	(142)	(52)
Impact	No	No	No	No	No	No
Localized (Daily) Unmitigated	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}
2021	1	15	14	<1	<1	<1
2022	3	35	24	<1	1	<1
2023	3	26	28	<1	1	<1
2024	41	22	28	<1	<1	<1
2025	42	30	40	<1	1	1
MAX		35	40	<1	1	1
Threshold		51	963		7	4
Difference		(16)	(922)		(6)	(3)
Impact		No	No		No	No

Operation Emissions

Regional Baseline (Existing Year)	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}
Area	<1	<1	<1	<1	<1	<1
Energy	<1	<1	<1	<1	<1	<1
Mobile	<1	3	9	<1	2	<1
Emergency Generator	<1	<1	<1	<1	<1	<1
Total	2	4	10	<1	2	<1
Regional Baseline (Buildout Year)	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}
Area	<1	<1	<1	<1	<1	<1
Energy	<1	<1	<1	<1	<1	<1
Mobile	<1	2	5	<1	2	<1
Emergency Generator	<1	<1	<1	<1	<1	<1
Total	1	2	5	<1	2	<1
Regional Buildout (Buildout Year)	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}
Area	15	<1	42	<1	1	1
Energy	<1	1	<1	<1	<1	<1
Mobile	6	27	68	<1	25	7
Emergency Generator	<1	<1	<1	<1	<1	<1
Total	21	29	111	<1	26	8
Project Regional (Buildout Less Baseline (Buildout Year))	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}
Area	14	<1	42	<1	1	1
Energy	<1	1	<1	<1	<1	<1
Mobile	6	25	63	<1	23	6
Emergency Generator	<1	<1	<1	<1	<1	<1
Total	20	27	106	<1	24	8
Threshold	55	55	550	150	150	55
Difference	(35)	(28)	(444)	(150)	(126)	(47)
Impact	No	No	No	No	No	No
Project Localized (Buildout Less Baseline (Buildout Year))	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}
Onsite Total	3	43			1	1.2
Threshold		51	963		2	2
Difference		(48)	(920)		(1)	(0)
Impact		No	No		No	No

1360 Vine (Residential Option with Restaurant)
Air Quality Emissions Summary

AQ SUMMARY OF EMISSIONS						
Construction Emissions (Unmitigated)						
Regional (Daily) Unmitigated	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}
2021	2	18	15	0	1	1
2022	4	55	31	0	4	2
2023	5	29	42	0	7	3
2024	43	24	41	0	7	2
2025	44	32	54	<1	8	3
MAX	44	55	54	<1	8	3
Threshold	75	100	550	150	150	55
Difference	(31)	(45)	(496)	(150)	(142)	(52)
Impact	No	No	No	No	No	No
Localized (Daily) Unmitigated	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}
2021	1	15	14	<1	<1	<1
2022	3	35	24	<1	1	<1
2023	3	26	28	<1	1	<1
2024	41	22	28	<1	<1	<1
2025	42	30	40	<1	1	1
MAX		35	40	<1	1	1
Threshold		51	963		7	4
Difference		(16)	(922)		(6)	(3)
Impact		No	No		No	No

Operation Emissions

Regional Baseline (Existing Year)	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}
Area	<1	<1	<1	<1	<1	<1
Energy	<1	<1	<1	<1	<1	<1
Mobile	<1	3	9	<1	2	<1
Emergency Generator	<1	<1	<1	<1	<1	<1
Total	2	4	10	<1	2	<1
Regional Baseline (Buildout Year)	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}
Area	<1	<1	<1	<1	<1	<1
Energy	<1	<1	<1	<1	<1	<1
Mobile	<1	2	5	<1	2	<1
Emergency Generator	<1	<1	<1	<1	<1	<1
Total	1	2	5	<1	2	<1
Regional Buildout (Buildout Year)	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}
Area	12	<1	35	<1	<1	<1
Energy	<1	2	1	<1	<1	<1
Mobile	7	29	75	<1	27	7
Emergency Generator	<1	<1	<1	<1	<1	<1
Total	19	32	112	<1	27	8
Project Regional (Buildout Less Baseline (Buildout Year))	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}
Area	11	<1	35	<1	<1	<1
Energy	<1	2	1	<1	<1	<1
Mobile	6	27	69	<1	25	7
Emergency Generator	<1	<1	<1	<1	<1	<1
Total	18	30	107	<1	25	7
Threshold	55	55	550	150	150	55
Difference	(37)	(25)	(443)	(150)	(125)	(48)
Impact	No	No	No	No	No	No
Project Localized (Buildout Less Baseline (Buildout Year))	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}
Onsite Total		3	37		0	0.4
Threshold		51	963		2	2
Difference		(48)	(926)		(2)	(1)
Impact		No	No		No	No

1360 Vine (Office Option with Bungalows)
Air Quality Emissions Summary

AQ SUMMARY OF EMISSIONS						
Construction Emissions (Unmitigated)						
Regional (Daily) Unmitigated	ROG	NO _x	CO	SO ₂	PM ₁₀	PM _{2.5}
2021	2	18	15	0	1	1
2022	4	61	33	0	4	2
2023	5	43	42	0	7	3
2024	33	25	43	0	7	2
2025	34	33	56	<1	8	3
MAX	34	61	56	<1	8	3
Threshold	75	100	550	150	150	55
Difference	(41)	(39)	(494)	(150)	(142)	(52)
Impact	No	No	No	No	No	No
Localized (Daily) Unmitigated	ROG	NO _x	CO	SO ₂	PM ₁₀	PM _{2.5}
2021	1	15	14	<1	<1	<1
2022	2	36	23	<1	<1	<1
2023	3	31	28	<1	1	<1
2024	31	23	30	<1	<1	<1
2025	32	31	42	<1	1	1
MAX		36	42	<1	1	1
Threshold		51	963		7	4
Difference		(15)	(921)		(6)	(3)
Impact		No	No		No	No

Operation Emissions

Regional Baseline (Existing Year)	ROG	NO _x	CO	SO ₂	PM ₁₀	PM _{2.5}
Area	<1	<1	<1	<1	<1	<1
Energy	<1	<1	<1	<1	<1	<1
Mobile	<1	3	9	<1	2	<1
Emergency Generator	<1	<1	<1	<1	<1	<1
Total	2	4	10	<1	2	<1
Regional Baseline (Buildout Year)	ROG	NO _x	CO	SO ₂	PM ₁₀	PM _{2.5}
Area	<1	<1	<1	<1	<1	<1
Energy	<1	<1	<1	<1	<1	<1
Mobile	<1	2	5	<1	2	<1
Emergency Generator	<1	<1	<1	<1	<1	<1
Total	1	2	5	<1	2	<1
Regional Buildout (Buildout Year)	ROG	NO _x	CO	SO ₂	PM ₁₀	PM _{2.5}
Area	14	<1	7	<1	<1	<1
Energy	<1	2	2	<1	<1	<1
Mobile	4	17	46	<1	17	5
Emergency Generator	<1	<1	<1	<1	<1	<1
Total	19	20	55	<1	18	6
Project Regional (Buildout Less Baseline (Buildout Year))	ROG	NO _x	CO	SO ₂	PM ₁₀	PM _{2.5}
Area	14	<1	7	<1	<1	<1
Energy	<1	2	2	<1	<1	<1
Mobile	3	15	41	<1	15	4
Emergency Generator	<1	<1	<1	<1	<1	<1
Total	17	18	50	<1	16	5
Threshold	55	55	550	150	150	55
Difference	(38)	(37)	(500)	(150)	(134)	(50)
Impact	No	No	No	No	No	No
Project Localized (Buildout Less Baseline (Buildout Year))	ROG	NO _x	CO	SO ₂	PM ₁₀	PM _{2.5}
Onsite Total		3	9		1	1.1
Threshold		51	963		2	2
Difference		(48)	(953)		(1)	(0)
Impact		No	No		No	No

1360 Vine (Office Option with Restaurant)
Air Quality Emissions Summary

AQ SUMMARY OF EMISSIONS						
Construction Emissions (Unmitigated)						
Regional (Daily) Unmitigated	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}
2021	2	18	15	0	1	1
2022	4	61	33	0	4	2
2023	5	43	42	0	7	3
2024	33	25	43	0	7	2
2025	34	33	56	<1	8	3
MAX	34	61	56	<1	8	3
Threshold	75	100	550	150	150	55
Difference	(41)	(39)	(494)	(150)	(142)	(52)
Impact	No	No	No	No	No	No
Localized (Daily) Unmitigated	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}
2021	1	15	14	<1	<1	<1
2022	2	36	23	<1	<1	<1
2023	3	31	28	<1	1	<1
2024	31	23	30	<1	<1	<1
2025	32	31	42	<1	1	1
MAX		36	42	<1	1	1
Threshold		51	963		7	4
Difference		(15)	(921)		(6)	(3)
Impact		No	No		No	No

Operation Emissions

Regional Baseline (Existing Year)	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}
Area	<1	<1	<1	<1	<1	<1
Energy	<1	<1	<1	<1	<1	<1
Mobile	<1	3	9	<1	2	<1
Emergency Generator	<1	<1	<1	<1	<1	<1
Total	2	4	10	<1	2	<1
Regional Baseline (Buildout Year)	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}
Area	<1	<1	<1	<1	<1	<1
Energy	<1	<1	<1	<1	<1	<1
Mobile	<1	2	5	<1	2	<1
Emergency Generator	<1	<1	<1	<1	<1	<1
Total	1	2	5	<1	2	<1
Regional Buildout (Buildout Year)	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}
Area	11	<1	<1	<1	<1	<1
Energy	<1	2	2	<1	<1	<1
Mobile	5	20	54	<1	20	5
Emergency Generator	<1	<1	<1	<1	<1	<1
Total	16	23	57	<1	20	6
Project Regional (Buildout Less Baseline (Buildout Year))	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}
Area	10	<1	<1	<1	<1	<1
Energy	<1	2	2	<1	<1	<1
Mobile	4	18	49	<1	18	5
Emergency Generator	<1	<1	<1	<1	<1	<1
Total	15	21	52	<1	18	5
Threshold	55	55	550	150	150	55
Difference	(40)	(34)	(498)	(150)	(132)	(50)
Impact	No	No	No	No	No	No
Project Localized (Buildout Less Baseline (Buildout Year))						
Onsite Total		3	3		0	0.2
Threshold		51	963		2	2
Difference		(48)	(960)		(2)	(1)
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	2015	2017	2018	2019
1	Central LA	69	81	70	56	

SRA	City	Design Value	Max Hourly, ppb			
		2006-2008	2015	2017	2018	2019
1	Central LA	120	62	57	70	

Threshold (ppb) Allowable Increase (ppb)
100 31

Threshold (ppb) Allowable Increase (ppb)
180 60

Max Hourly vs. 98th Percentile Ratio (Allowable Increase)	52%
--	------------

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	39	680	5	3	2	1
2	108	56	1048	8	5	2	2
5	161	84	1861	16	8	4	2
1.86	98	51	963	7	4	2	2

<----Interpolated Value

1360 N. Vine Street

Draft EIR

Appendix B-2

Air Quality Worksheets and Modeling Output Files

- Appendix B-2.2: Construction and Operational Emissions Inventory (Residential and Office Options)
 - CalEEMod Outputs – Operations (Baseline and Project)
 - Baseline (Existing)
 - Baseline (Buildout)
 - Buildout
 - Construction Onsite

CalEEMod Modeling Input Notes:

- Vehicle trips and VMT based on the LADOT VMT Calculator were entered into CalEEMod using the User Defined Commercial land uses. User Defined Commercial land uses represent primary trips and VMT.
- Project construction is anticipated to be completed as late as 2027 for both Project Options. For purposes of conservatively analyzing construction impacts, it was assumed that construction of the Project could be completed as early as 2025. Based on SCAQMD factors, the construction equipment and truck fleet mix will emit less pollution in future years due to more stringent emissions control regulations. As construction activities for the Project are evaluated based on an earlier start date, the emissions presented are more conservative.

1300 N Vine Stree Baseline (Existing) - Los Angeles-South Coast County, Winter

1300 N Vine Stree Baseline (Existing)
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	21.60	1000sqft	0.50	21,600.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Parking Lot	0.39	Acre	0.39	16,988.40	0
Strip Mall	8.00	1000sqft	0.18	8,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2017
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	862	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP SB100 Carbon Intensity (Year 2017) - 862 lbs/MWh

Land Use - Based on traffic study

Construction Phase -

Vehicle Trips - Based on traffic study.

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Road Dust -

Woodstoves - No wood stoves.

Energy Use - Historic

Mobile Land Use Mitigation -

Energy Mitigation -

Waste Mitigation - City of LA Diversion Rate

Fleet Mix -

Stationary Sources - Emergency Generators and Fire Pumps -

Stationary Sources - Emergency Generators and Fire Pumps EF -

Table Name	Column Name	Default Value	New Value
tblProjectCharacteristics	CO2IntensityFactor	1227.89	862
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	6.94
tblVehicleTrips	CC_TTP	48.00	0.00

1360 Vine - Existing Operations (Buildout Year)

tblVehicleTrips	CC_TTP	64.40	0.00
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	16.60	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	77.00	0.00
tblVehicleTrips	PR_TP	45.00	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	ST_TR	0.00	352.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	SU_TR	0.00	352.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblVehicleTrips	WD_TR	0.00	352.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.6689	3.000e-005	3.2200e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005						
Energy	8.3700e-003	0.0761	0.0639	4.6000e-004		5.7800e-003	5.7800e-003		5.7800e-003	5.7800e-003						
Mobile	0.8586	3.6337	10.3340	0.0255	1.8916	0.0357	1.9273	0.5065	0.0337	0.5401						
Total	1.5359	3.7098	10.4011	0.0259	1.8916	0.0415	1.9331	0.5065	0.0395	0.5459						

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.6689	3.0000e-005	3.2200e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005						
Energy	8.3700e-003	0.0761	0.0639	4.6000e-004		5.7800e-003	5.7800e-003		5.7800e-003	5.7800e-003						
Mobile	0.8586	3.6337	10.3340	0.0255	1.8916	0.0357	1.9273	0.5065	0.0337	0.5401						
Total	1.5359	3.7098	10.4011	0.0259	1.8916	0.0415	1.9331	0.5065	0.0395	0.5459						

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.8586	3.6337	10.3340	0.0255	1.8916	0.0357	1.9273	0.5065	0.0337	0.5401						
Unmitigated	0.8586	3.6337	10.3340	0.0255	1.8916	0.0357	1.9273	0.5065	0.0337	0.5401						

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
General Office Building	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
User Defined Commercial	352.00	352.00	352.00	889,208	889,208
Total	352.00	352.00	352.00	889,208	889,208

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
User Defined Commercial	0.00	6.94	0.00	0.00	100.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968
Parking Lot	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968
Strip Mall	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968
User Defined Commercial	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	8.3700e-003	0.0761	0.0639	4.6000e-004		5.7800e-003	5.7800e-003		5.7800e-003	5.7800e-003						
NaturalGas Unmitigated	8.3700e-003	0.0761	0.0639	4.6000e-004		5.7800e-003	5.7800e-003		5.7800e-003	5.7800e-003						

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	736.175	7.9400e-003	0.0722	0.0606	4.3000e-004		5.4900e-003	5.4900e-003		5.4900e-003	5.4900e-003						
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Strip Mall	39.8904	4.3000e-004	3.9100e-003	3.2900e-003	2.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004						
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total		8.3700e-003	0.0761	0.0639	4.5000e-004		5.7900e-003	5.7900e-003		5.7900e-003	5.7900e-003						

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	0.736175	7.9400e-003	0.0722	0.0606	4.3000e-004		5.4900e-003	5.4900e-003		5.4900e-003	5.4900e-003						
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						

1360 Vine - Existing Operations (Buildout Year)

Strip Mall	0.0398904	4.3000e-004	3.9100e-003	3.2900e-003	2.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004						
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total		8.3700e-003	0.0761	0.0639	4.5000e-004		5.7900e-003	5.7900e-003		5.7900e-003	5.7900e-003						

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day											lb/day				
Mitigated	0.6689	3.0000e-005	3.2200e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005						
Unmitigated	0.6689	3.0000e-005	3.2200e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005						

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day											lb/day				
Architectural Coating	0.0765					0.0000	0.0000		0.0000	0.0000						
Consumer Products	0.5921					0.0000	0.0000		0.0000	0.0000						
Landscaping	3.1000e-004	3.0000e-005	3.2200e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005						
Total	0.6689	3.0000e-005	3.2200e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005						

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day											lb/day				
Architectural Coating	0.0765					0.0000	0.0000		0.0000	0.0000						
Consumer Products	0.5921					0.0000	0.0000		0.0000	0.0000						
Landscaping	3.1000e-004	3.0000e-005	3.2200e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005						
Total	0.6689	3.0000e-005	3.2200e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005						

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

1300 N Vine Stree Baseline (Buildout) - Los Angeles-South Coast County, Winter

1300 N Vine Stree Baseline (Buildout)
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	21.60	1000sqft	0.50	21,600.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Parking Lot	0.39	Acre	0.39	16,988.40	0
Strip Mall	8.00	1000sqft	0.18	8,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	616	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP SB100 Carbon Intensity (Year 2025) - 616 lbs/MWh

Land Use - Based on traffic study

Construction Phase -

Vehicle Trips - Based on traffic study.

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Road Dust -

Woodstoves - No wood stoves.

Energy Use - Historic

Mobile Land Use Mitigation -

Energy Mitigation -

Waste Mitigation - City of LA Diversion Rate

Fleet Mix -

Stationary Sources - Emergency Generators and Fire Pumps -

Stationary Sources - Emergency Generators and Fire Pumps EF -

Table Name	Column Name	Default Value	New Value
tblProjectCharacteristics	CO2IntensityFactor	1227.89	616
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	6.94
tblVehicleTrips	CC_TTP	48.00	0.00

130 Vine - Existing Operations (Buildout Year)

tblVehicleTrips	CC_TTP	64.40	0.00
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	16.60	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	77.00	0.00
tblVehicleTrips	PR_TP	45.00	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	ST_TR	0.00	352.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	SU_TR	0.00	352.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblVehicleTrips	WD_TR	0.00	352.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.6689	3.0000e-005	3.1600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005						
Energy	8.3700e-003	0.0761	0.0639	4.6000e-004		5.7800e-003	5.7800e-003		5.7800e-003	5.7800e-003						
Mobile	0.4455	1.9965	5.2410	0.0206	1.8904	0.0162	1.9066	0.5058	0.0151	0.5209						
Total	1.1228	2.0726	5.3081	0.0211	1.8904	0.0220	1.9124	0.5058	0.0208	0.5266						

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.6689	3.0000e-005	3.1600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005						
Energy	8.3700e-003	0.0761	0.0639	4.6000e-004		5.7800e-003	5.7800e-003		5.7800e-003	5.7800e-003						
Mobile	0.4455	1.9965	5.2410	0.0206	1.8904	0.0162	1.9066	0.5058	0.0151	0.5209						
Total	1.1228	2.0726	5.3081	0.0211	1.8904	0.0220	1.9124	0.5058	0.0208	0.5266						

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.4455	1.9965	5.2410	0.0206	1.8904	0.0162	1.9066	0.5058	0.0151	0.5209						
Unmitigated	0.4455	1.9965	5.2410	0.0206	1.8904	0.0162	1.9066	0.5058	0.0151	0.5209						

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
General Office Building	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
User Defined Commercial	352.00	352.00	352.00	889,208	889,208
Total	352.00	352.00	352.00	889,208	889,208

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
User Defined Commercial	0.00	6.94	0.00	0.00	100.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Parking Lot	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Strip Mall	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
User Defined Commercial	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
NaturalGas Mitigated	8.3700e-003	0.0761	0.0639	4.6000e-004		5.7800e-003	5.7800e-003		5.7800e-003	5.7800e-003							
NaturalGas Unmitigated	8.3700e-003	0.0761	0.0639	4.6000e-004		5.7800e-003	5.7800e-003		5.7800e-003	5.7800e-003							

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	736.175	7.9400e-003	0.0722	0.0606	4.3000e-004		5.4900e-003	5.4900e-003		5.4900e-003	5.4900e-003						
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Strip Mall	39.8904	4.3000e-004	3.9100e-003	3.2900e-003	2.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004						
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total		8.3700e-003	0.0761	0.0639	4.5000e-004		5.7900e-003	5.7900e-003		5.7900e-003	5.7900e-003						

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	0.736175	7.9400e-003	0.0722	0.0606	4.3000e-004		5.4900e-003	5.4900e-003		5.4900e-003	5.4900e-003						
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						

130 Vine - Existing Operations (Buildout Year)

Strip Mail	0.0398904	4.3000e-004	3.9100e-003	3.2900e-003	2.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004						
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total		8.3700e-003	0.0761	0.0639	4.5000e-004		5.7900e-003	5.7900e-003		5.7900e-003	5.7900e-003						

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Mitigated	0.6689	3.0000e-005	3.1600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005							
Unmitigated	0.6689	3.0000e-005	3.1600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005							

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
SubCategory	lb/day										lb/day						
Architectural Coating	0.0765					0.0000	0.0000		0.0000	0.0000							
Consumer Products	0.5921					0.0000	0.0000		0.0000	0.0000							
Landscaping	2.9000e-004	3.0000e-005	3.1600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005							
Total	0.6689	3.0000e-005	3.1600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005							

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
SubCategory	lb/day										lb/day						
Architectural Coating	0.0765					0.0000	0.0000		0.0000	0.0000							
Consumer Products	0.5921					0.0000	0.0000		0.0000	0.0000							
Landscaping	2.9000e-004	3.0000e-005	3.1600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005							
Total	0.6689	3.0000e-005	3.1600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005							

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

1360 N.Vine-Residential Option with Bungalows - Los Angeles-South Coast County, Winter

1360 N.Vine-Residential Option with Bungalows
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Enclosed Parking with Elevator	764.00	Space	6.88	305,600.00	0
Apartments High Rise	417.00	Dwelling Unit	6.73	415,433.00	1193
Single Family Housing	12.00	Dwelling Unit	3.90	8,998.00	34
Strip Mall	5.00	1000sqft	0.11	5,000.00	0
Supermarket	55.00	1000sqft	1.26	55,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	616	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP SB100 Carbon Intensity (Year 2025) - 616 lbs/MWh

Land Use - User Defined Commercial = Project VMT

Construction Phase - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Trips and VMT - Site Specific. Haul truck trips were included in vendor as peak daily. The vehicle class was modified to be HHDT with a one-way trip distance of 15.0 miles (Suball Canyon Landfill)

Demolition -

Grading -

Architectural Coating -

Woodstoves - No Hearth

Area Coating -

Energy Use - see assumptions

Construction Off-road Equipment Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation - City of LA Waste Diversion Rate 76.4%

Fleet Mix -

Stationary Sources - Emergency Generators and Fire Pumps -

1360 Vine (Residential Option with Bungalows) - Construction and Operational Emissions

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	87.00
tblConstructionPhase	NumDays	300.00	4.00
tblConstructionPhase	NumDays	300.00	635.00
tblConstructionPhase	NumDays	20.00	54.00
tblConstructionPhase	NumDays	30.00	168.00
tblConstructionPhase	NumDays	20.00	27.00
tblConstructionPhase	NumDays	10.00	131.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblEnergyUse	T24E	3.92	0.46
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	354.45	0.00
tblFireplaces	NumberNoFireplace	41.70	0.00
tblFireplaces	NumberWood	20.85	0.00
tblGrading	MaterialExported	0.00	142,000.00
tblLandUse	LandUseSquareFeet	417,000.00	415,433.00
tblLandUse	LandUseSquareFeet	21,600.00	8,998.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

1360 Vine (Residential Option with Bungalows) - Construction and Operational Emissions

tblProjectCharacteristics	CO2IntensityFactor	1227.89	616
tblTripsAndVMT	HaulingTripNumber	170.00	0.00
tblTripsAndVMT	HaulingTripNumber	17,750.00	0.00
tblTripsAndVMT	VendorTripLength	6.90	15.80
tblTripsAndVMT	VendorTripLength	6.90	15.80
tblTripsAndVMT	VendorTripLength	6.90	13.80
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	170.00
tblTripsAndVMT	VendorTripNumber	106.00	175.00
tblTripsAndVMT	VendorTripNumber	0.00	100.00
tblTripsAndVMT	VendorTripNumber	106.00	30.00
tblTripsAndVMT	VendorTripNumber	0.00	30.00
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	WorkerTripNumber	13.00	25.00
tblTripsAndVMT	WorkerTripNumber	15.00	75.00
tblTripsAndVMT	WorkerTripNumber	452.00	25.00
tblTripsAndVMT	WorkerTripNumber	38.00	175.00
tblTripsAndVMT	WorkerTripNumber	452.00	500.00
tblTripsAndVMT	WorkerTripNumber	90.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	50.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	6.32
tblVehicleTrips	CC_TTP	64.40	0.00
tblVehicleTrips	CC_TTP	74.50	0.00
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	16.60	0.00
tblVehicleTrips	CW_TTP	6.50	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TL	8.70	0.00

1360 Vine (Residential Option with Bungalows) - Construction and Operational Emissions

tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	HW_TTP	40.20	0.00
tblVehicleTrips	HW_TTP	40.20	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PB_TP	36.00	0.00
tblVehicleTrips	PR_TP	86.00	0.00
tblVehicleTrips	PR_TP	86.00	0.00
tblVehicleTrips	PR_TP	45.00	0.00
tblVehicleTrips	PR_TP	34.00	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	4.98	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	ST_TR	177.59	0.00
tblVehicleTrips	ST_TR	0.00	4,911.00
tblVehicleTrips	SU_TR	3.65	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	SU_TR	166.44	0.00
tblVehicleTrips	SU_TR	0.00	4,911.00
tblVehicleTrips	WD_TR	4.20	0.00
tblVehicleTrips	WD_TR	9.52	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblVehicleTrips	WD_TR	102.24	0.00
tblVehicleTrips	WD_TR	0.00	4,911.00
tblWoodstoves	NumberCatalytic	20.85	0.00
tblWoodstoves	NumberNoncatalytic	20.85	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					

1360 Vine (Residential Option with Bungalows) - Construction and Operational Emissions

2021	1.6978	17.7348	15.2682	0.0399	1.2370	0.6593	1.8963	0.2530	0.6309	0.8840						
2022	7.0635	89.7466	61.2133	0.2254	4.9528	1.0712	6.9851	1.3380	1.0460	3.3093						
2023	4.9127	29.4501	42.4091	0.1026	5.7809	1.0411	6.8220	1.5375	1.0132	2.5507						
2024	42.5395	23.6495	41.1979	0.1010	5.7809	0.9199	6.7008	1.5375	0.8945	2.4319						
2025	43.2778	31.8847	53.9766	0.1286	6.5319	1.1201	7.6519	1.7410	1.0731	2.8141						
Maximum	43.2778	89.7466	61.2133	0.2254	6.5319	1.1201	7.6519	1.7410	1.0731	3.3093						

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.6978	17.7348	15.2682	0.0399	0.8215	0.6593	1.4808	0.1901	0.6309	0.8210						
2022	7.0635	89.7466	61.2133	0.2254	4.9528	1.0712	6.9851	1.3380	1.0460	3.3093						
2023	4.9127	29.4501	42.4091	0.1026	5.7809	1.0411	6.8220	1.5375	1.0132	2.5507						
2024	42.5395	23.6495	41.1979	0.1010	5.7809	0.9199	6.7008	1.5375	0.8945	2.4319						
2025	43.2778	31.8847	53.9766	0.1286	6.5319	1.1201	7.6519	1.7410	1.0731	2.8141						
Maximum	43.2778	89.7466	61.2133	0.2254	6.5319	1.1201	7.6519	1.7410	1.0731	3.3093						

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	1.71	0.00	1.38	0.98	0.00	0.52	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	14.8171	0.6570	41.5462	0.0174		1.1132	1.1132		1.1132	1.1132						
Energy	0.1594	1.3820	0.7241	8.7000e-003		0.1101	0.1101		0.1101	0.1101						
Mobile	5.9995	26.7182	67.9945	0.2638	24.0184	0.2084	24.2267	6.4263	0.1935	6.6199						
Stationary	0.2462	0.6880	0.6277	1.1800e-003		0.0362	0.0362		0.0362	0.0362						
Total	21.2221	29.4452	110.8925	0.2911	24.0184	1.4679	25.4863	6.4263	1.4531	7.8794						

Mitigated Operational

1360 Vine (Residential Option with Bungalows) - Construction and Operational Emissions

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	14.8171	0.6570	41.5462	0.0174		1.1132	1.1132		1.1132	1.1132						
Energy	0.1516	1.3143	0.6892	8.2700e-003		0.1047	0.1047		0.1047	0.1047						
Mobile	5.9995	26.7182	67.9945	0.2638	24.0184	0.2084	24.2267	6.4263	0.1935	6.6199						
Stationary	0.2462	0.6880	0.6277	1.1800e-003		0.0362	0.0362		0.0362	0.0362						
Total	21.2143	29.3775	110.8576	0.2907	24.0184	1.4625	25.4809	6.4263	1.4477	7.8740						

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.04	0.23	0.03	0.15	0.00	0.37	0.02	0.00	0.37	0.07	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/16/2021	2/16/2022	6	54	
2	Grading	Grading	2/17/2022	8/31/2022	6	168	
3	Mat Foundation	Building Construction	9/1/2022	9/6/2022	6	4	
4	Foundation	Site Preparation	9/7/2022	1/31/2023	6	131	
5	Building Construction	Building Construction	2/1/2023	2/10/2025	6	635	
6	Architectural Coating	Architectural Coating	11/1/2024	2/10/2025	6	87	
7	Paving	Paving	1/10/2025	2/10/2025	6	27	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 6.88

Residential Indoor: 859,473; Residential Outdoor: 286,491; Non-Residential Indoor: 90,000; Non-Residential Outdoor: 30,000; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Air Compressors	1	8.00	78	0.48
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	1	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	221	0.50
Grading	Cranes	1	8.00	231	0.29
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Pumps	1	8.00	84	0.74
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37

1360 Vine (Residential Option with Bungalows) - Construction and Operational Emissions

Grading	Welders	1	8.00	46	0.45
Mat Foundation	Cement and Mortar Mixers	2	8.00	9	0.56
Mat Foundation	Cranes	1	8.00	231	0.29
Mat Foundation	Forklifts	0	8.00	89	0.20
Mat Foundation	Generator Sets	0	8.00	84	0.74
Mat Foundation	Pumps	4	8.00	84	0.74
Mat Foundation	Rubber Tired Dozers	0	8.00	247	0.40
Mat Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Mat Foundation	Welders	1	8.00	46	0.45
Foundation	Cement and Mortar Mixers	2	8.00	9	0.56
Foundation	Concrete/Industrial Saws	1	8.00	81	0.73
Foundation	Cranes	1	8.00	231	0.29
Foundation	Forklifts	2	8.00	89	0.20
Foundation	Plate Compactors	4	8.00	8	0.43
Foundation	Pumps	1	8.00	84	0.74
Foundation	Rough Terrain Forklifts	2	8.00	100	0.40
Foundation	Rubber Tired Dozers	0	8.00	247	0.40
Foundation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Foundation	Welders	2	8.00	46	0.45
Building Construction	Aerial Lifts	3	8.00	63	0.31
Building Construction	Air Compressors	3	8.00	78	0.48
Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Building Construction	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Plate Compactors	2	8.00	8	0.43
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	2	8.00	46	0.45
Architectural Coating	Air Compressors	0	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	0	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	8.00	80	0.38
Paving	Skid Steer Loaders	2	8.00	65	0.37
Paving	Tractors/Loaders/Backhoes	2	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	25.00	20.00	0.00	14.70	15.80	20.00	LD_Mix	HHDT	HHDT
Grading	6	75.00	170.00	0.00	14.70	15.80	20.00	LD_Mix	HHDT	HHDT
Mat Foundation	9	25.00	175.00	0.00	14.70	13.80	20.00	LD_Mix	HHDT	HHDT
Foundation	15	175.00	100.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Building Construction	16	500.00	30.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Paving	7	50.00	30.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
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3.1 Mitigation Measures Construction

Water Exposed Area

CalEEMod erroneously calculates maximum NOx value of 89.74. CalEEMod assumes two non-overlapping phases are occurring on the same day. Calculations breakdown shown later in the appendix provide details for the worst-case day of construction.

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6812	0.0000	0.6812	0.1031	0.0000	0.1031						
Off-Road	1.4362	12.9867	13.2282	0.0247		0.6436	0.6436		0.6160	0.6160						
Total	1.4362	12.9867	13.2282	0.0247	0.6812	0.6436	1.3248	0.1031	0.6160	0.7192						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1424	4.6666	1.1194	0.0125	0.2764	0.0134	0.2898	0.0758	0.0128	0.0886						
Worker	0.1192	0.0815	0.9206	2.6900e-003	0.2794	2.2600e-003	0.2817	0.0741	2.0800e-003	0.0762						
Total	0.2616	4.7482	2.0401	0.0152	0.5558	0.0157	0.5715	0.1499	0.0149	0.1648						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2657	0.0000	0.2657	0.0402	0.0000	0.0402						
Off-Road	1.4362	12.9867	13.2282	0.0247		0.6436	0.6436		0.6160	0.6160						
Total	1.4362	12.9867	13.2282	0.0247	0.2657	0.6436	0.9093	0.0402	0.6160	0.6563						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

1360 Vine (Residential Option with Bungalows) - Construction and Operational Emissions

Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1424	4.6666	1.1194	0.0125	0.2764	0.0134	0.2898	0.0758	0.0128	0.0886							
Worker	0.1192	0.0815	0.9206	2.6900e-003	0.2794	2.2600e-003	0.2817	0.0741	2.0800e-003	0.0762							
Total	0.2616	4.7482	2.0401	0.0152	0.5558	0.0157	0.5715	0.1499	0.0149	0.1648							

3.2 Demolition - 2022

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6812	0.0000	0.6812	0.1031	0.0000	0.1031						
Off-Road	1.2889	11.1567	13.1071	0.0248		0.5366	0.5366		0.5144	0.5144						
Total	1.2889	11.1567	13.1071	0.0248	0.6812	0.5366	1.2178	0.1031	0.5144	0.6176						

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1355	4.3470	1.1043	0.0123	0.2764	0.0117	0.2880	0.0758	0.0111	0.0869						
Worker	0.1120	0.0736	0.8479	2.6000e-003	0.2794	2.1900e-003	0.2816	0.0741	2.0100e-003	0.0761						
Total	0.2474	4.4206	1.9522	0.0149	0.5558	0.0138	0.5697	0.1499	0.0132	0.1630						

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2657	0.0000	0.2657	0.0402	0.0000	0.0402						
Off-Road	1.2889	11.1567	13.1071	0.0248		0.5366	0.5366		0.5144	0.5144						
Total	1.2889	11.1567	13.1071	0.0248	0.2657	0.5366	0.8023	0.0402	0.5144	0.5547						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1355	4.3470	1.1043	0.0123	0.2764	0.0117	0.2880	0.0758	0.0111	0.0869						
Worker	0.1120	0.0736	0.8479	2.6000e-003	0.2794	2.1900e-003	0.2816	0.0741	2.0100e-003	0.0761						
Total	0.2474	4.4206	1.9522	0.0149	0.5558	0.0138	0.5697	0.1499	0.0132	0.1630						

3.3 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0956	0.0000	0.0956	0.0145	0.0000	0.0145						
Off-Road	1.6306	14.4364	15.8714	0.0347		0.6379	0.6379		0.6044	0.6044						
Total	1.6306	14.4364	15.8714	0.0347	0.0956	0.6379	0.7335	0.0145	0.6044	0.6189						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	1.1515	36.9493	9.3865	0.1049	2.3492	0.0990	2.4482	0.6440	0.0947	0.7388						
Worker	0.3359	0.2209	2.5438	7.7900e-003	0.8383	6.5600e-003	0.8449	0.2223	6.0400e-003	0.2284						
Total	1.4874	37.1702	11.9303	0.1126	3.1875	0.1056	3.2931	0.8664	0.1008	0.9671						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0373	0.0000	0.0373	5.6500e-003	0.0000	5.6500e-003						
Off-Road	1.6306	14.4364	15.8714	0.0347		0.6379	0.6379		0.6044	0.6044						
Total	1.6306	14.4364	15.8714	0.0347	0.0373	0.6379	0.6752	5.6500e-003	0.6044	0.6101						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	1.1515	36.9493	9.3865	0.1049	2.3492	0.0990	2.4482	0.6440	0.0947	0.7388						
Worker	0.3359	0.2209	2.5438	7.7900e-003	0.8383	6.5600e-003	0.8449	0.2223	6.0400e-003	0.2284						
Total	1.4874	37.1702	11.9303	0.1126	3.1875	0.1056	3.2931	0.8664	0.1008	0.9671						

3.4 Mat Foundation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3396	19.9345	21.3704	0.0392		0.9791	0.9791		0.9580	0.9580						
Total	2.3396	19.9345	21.3704	0.0392		0.9791	0.9791		0.9580	0.9580						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	1.0726	35.1458	8.7739	0.0963	2.1126	0.0899	2.2025	0.5792	0.0860	0.6652						
Worker	0.1120	0.0736	0.8479	2.6000e-003	0.2794	2.1900e-003	0.2816	0.0741	2.0100e-003	0.0761						
Total	1.1846	35.2194	9.6219	0.0989	2.3921	0.0921	2.4842	0.6533	0.0880	0.7414						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3396	19.9345	21.3704	0.0392		0.9791	0.9791		0.9580	0.9580						

Total	2.3396	19.9345	21.3704	0.0392		0.9791	0.9791		0.9580	0.9580						
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	1.0726	35.1458	8.7739	0.0963	2.1126	0.0899	2.2025	0.5792	0.0860	0.6652						
Worker	0.1120	0.0736	0.8479	2.6000e-003	0.2794	2.1900e-003	0.2816	0.0741	2.0100e-003	0.0761						
Total	1.1846	35.2194	9.6219	0.0989	2.3921	0.0921	2.4842	0.6533	0.0880	0.7414						

3.5 Foundation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Off-Road	2.3649	19.6920	21.0235	0.0370		0.9181	0.9181		0.8847	0.8847						
Total	2.3649	19.6920	21.0235	0.0370	0.0000	0.9181	0.9181	0.0000	0.8847	0.8847						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3907	14.3853	3.2619	0.0321	0.6047	0.0277	0.6324	0.1659	0.0265	0.1924						
Worker	0.7837	0.5155	5.9356	0.0182	1.9561	0.0153	1.9714	0.5188	0.0141	0.5329						
Total	1.1744	14.9007	9.1975	0.0503	2.5608	0.0430	2.6038	0.6846	0.0406	0.7253						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Off-Road	2.3649	19.6920	21.0235	0.0370		0.9181	0.9181		0.8847	0.8847						
Total	2.3649	19.6920	21.0235	0.0370	0.0000	0.9181	0.9181	0.0000	0.8847	0.8847						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3907	14.3853	3.2619	0.0321	0.6047	0.0277	0.6324	0.1659	0.0265	0.1924						
Worker	0.7837	0.5155	5.9356	0.0182	1.9561	0.0153	1.9714	0.5188	0.0141	0.5329						
Total	1.1744	14.9007	9.1975	0.0503	2.5608	0.0430	2.6038	0.6846	0.0406	0.7253						

3.5 Foundation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Off-Road	2.2164	18.4534	20.8957	0.0370		0.8089	0.8089		0.7795	0.7795						
Total	2.2164	18.4534	20.8957	0.0370	0.0000	0.8089	0.8089	0.0000	0.7795	0.7795						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.2615	10.5305	2.8700	0.0306	0.6047	0.0124	0.6171	0.1659	0.0119	0.1778						
Worker	0.7384	0.4662	5.4559	0.0175	1.9561	0.0149	1.9710	0.5188	0.0137	0.5325						
Total	0.9998	10.9967	8.3259	0.0481	2.5608	0.0273	2.5881	0.6847	0.0256	0.7102						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Off-Road	2.2164	18.4534	20.8957	0.0370		0.8089	0.8089		0.7795	0.7795						
Total	2.2164	18.4534	20.8957	0.0370	0.0000	0.8089	0.8089	0.0000	0.7795	0.7795						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.2615	10.5305	2.8700	0.0306	0.6047	0.0124	0.6171	0.1659	0.0119	0.1778						
Worker	0.7384	0.4662	5.4559	0.0175	1.9561	0.0149	1.9710	0.5188	0.0137	0.5325						
Total	0.9998	10.9967	8.3259	0.0481	2.5608	0.0273	2.5881	0.6847	0.0256	0.7102						

3.6 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						
Total	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0668	2.0922	0.7085	7.1900e-003	0.1921	2.5500e-003	0.1946	0.0553	2.4400e-003	0.0577						
Worker	2.1096	1.3320	15.5883	0.0500	5.5888	0.0425	5.6313	1.4822	0.0391	1.5213						
Total	2.1763	3.4241	16.2968	0.0572	5.7809	0.0451	5.8260	1.5375	0.0416	1.5791						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						
Total	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0668	2.0922	0.7085	7.1900e-003	0.1921	2.5500e-003	0.1946	0.0553	2.4400e-003	0.0577						
Worker	2.1096	1.3320	15.5883	0.0500	5.5888	0.0425	5.6313	1.4822	0.0391	1.5213						
Total	2.1763	3.4241	16.2968	0.0572	5.7809	0.0451	5.8260	1.5375	0.0416	1.5791						

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						
Total	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0651	2.0847	0.6870	7.1600e-003	0.1921	2.5100e-003	0.1946	0.0553	2.4000e-003	0.0577						

1360 Vine (Residential Option with Bungalows) - Construction and Operational Emissions

Worker	2.0018	1.2144	14.5121	0.0484	5.5888	0.0419	5.6307	1.4822	0.0386	1.5208						
Total	2.0670	3.2990	15.1991	0.0556	5.7809	0.0444	5.8253	1.5375	0.0410	1.5785						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						
Total	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0651	2.0847	0.6870	7.1600e-003	0.1921	2.5100e-003	0.1946	0.0553	2.4000e-003	0.0577						
Worker	2.0018	1.2144	14.5121	0.0484	5.5888	0.0419	5.6307	1.4822	0.0386	1.5208						
Total	2.0670	3.2990	15.1991	0.0556	5.7809	0.0444	5.8253	1.5375	0.0410	1.5785						

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						
Total	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

1360 Vine (Residential Option with Bungalows) - Construction and Operational Emissions

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0635	2.0670	0.6695	7.1200e-003	0.1921	2.4600e-003	0.1945	0.0553	2.3500e-003	0.0577						
Worker	1.9068	1.1109	13.4654	0.0466	5.5888	0.0410	5.6298	1.4822	0.0378	1.5199						
Total	1.9703	3.1779	14.1349	0.0537	5.7809	0.0435	5.8244	1.5375	0.0401	1.5776						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						
Total	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0635	2.0670	0.6695	7.1200e-003	0.1921	2.4600e-003	0.1945	0.0553	2.3500e-003	0.0577						
Worker	1.9068	1.1109	13.4654	0.0466	5.5888	0.0410	5.6298	1.4822	0.0378	1.5199						
Total	1.9703	3.1779	14.1349	0.0537	5.7809	0.0435	5.8244	1.5375	0.0401	1.5776						

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	37.8961					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total	37.8961	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	37.8961					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total	37.8961	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	37.8961					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total	37.8961	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	37.8961					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total	37.8961	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

3.8 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824						
Paving	0.0000					0.0000	0.0000		0.0000	0.0000						

1360 Vine (Residential Option with Bungalows) - Construction and Operational Emissions

Total	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824						
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0635	2.0670	0.6695	7.1200e-003	0.1921	2.4600e-003	0.1945	0.0553	2.3500e-003	0.0577						
Worker	0.1907	0.1111	1.3465	4.6500e-003	0.5589	4.1000e-003	0.5630	0.1482	3.7800e-003	0.1520						
Total	0.2541	2.1781	2.0160	0.0118	0.7510	6.5600e-003	0.7575	0.2035	6.1300e-003	0.2097						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824						
Paving	0.0000					0.0000	0.0000		0.0000	0.0000						
Total	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0635	2.0670	0.6695	7.1200e-003	0.1921	2.4600e-003	0.1945	0.0553	2.3500e-003	0.0577						
Worker	0.1907	0.1111	1.3465	4.6500e-003	0.5589	4.1000e-003	0.5630	0.1482	3.7800e-003	0.1520						
Total	0.2541	2.1781	2.0160	0.0118	0.7510	6.5600e-003	0.7575	0.2035	6.1300e-003	0.2097						

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	5.9995	26.7182	67.9945	0.2638	24.0184	0.2084	24.2267	6.4263	0.1935	6.6199						
Unmitigated	5.9995	26.7182	67.9945	0.2638	24.0184	0.2084	24.2267	6.4263	0.1935	6.6199						

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Apartments High Rise	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Supermarket	0.00	0.00	0.00		
User Defined Commercial	4,911.00	4,911.00	4,911.00	11,297,657	11,297,657
Total	4,911.00	4,911.00	4,911.00	11,297,657	11,297,657

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments High Rise	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Supermarket	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
User Defined Commercial	0.00	6.32	0.00	0.00	100.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Single Family Housing	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Apartments High Rise	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Enclosed Parking with Elevator	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Strip Mall	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Supermarket	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
User Defined Commercial	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

1360 Vine (Residential Option with Bungalows) - Construction and Operational Emissions

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1516	1.3143	0.6892	8.2700e-003		0.1047	0.1047		0.1047	0.1047						
NaturalGas Unmitigated	0.1594	1.3820	0.7241	8.7000e-003		0.1101	0.1101		0.1101	0.1101						

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments High Rise	10530	0.1136	0.9704	0.4129	6.1900e-003		0.0785	0.0785		0.0785	0.0785						
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Single Family Housing	903.986	9.7500e-003	0.0833	0.0355	5.3000e-004		6.7400e-003	6.7400e-003		6.7400e-003	6.7400e-003						
Strip Mall	22.4658	2.4000e-004	2.2000e-003	1.8500e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004						
Supermarket	3325.62	0.0359	0.3260	0.2739	1.9600e-003		0.0248	0.0248		0.0248	0.0248						
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total		0.1594	1.3820	0.7241	8.6900e-003		0.1102	0.1102		0.1102	0.1102						

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments High Rise	10.029	0.1082	0.9242	0.3933	5.9000e-003		0.0747	0.0747		0.0747	0.0747						
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Single Family Housing	0.82947	8.9500e-003	0.0764	0.0325	4.9000e-004		6.1800e-003	6.1800e-003		6.1800e-003	6.1800e-003						
Strip Mall	0.0208904	2.3000e-004	2.0500e-003	1.7200e-003	1.0000e-005		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004						
Supermarket	3.17749	0.0343	0.3115	0.2617	1.8700e-003		0.0237	0.0237		0.0237	0.0237						
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total		0.1516	1.3143	0.6892	8.2700e-003		0.1048	0.1048		0.1048	0.1048						

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	14.8171	0.6570	41.5462	0.0174		1.1132	1.1132		1.1132	1.1132						
Unmitigated	14.8171	0.6570	41.5462	0.0174		1.1132	1.1132		1.1132	1.1132						

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.9033					0.0000	0.0000		0.0000	0.0000						
Consumer Products	9.7000					0.0000	0.0000		0.0000	0.0000						
Hearth	3.1444	0.2490	6.1026	0.0156		0.9167	0.9167		0.9167	0.9167						
Landscaping	1.0694	0.4081	35.4435	1.8800e-003		0.1965	0.1965		0.1965	0.1965						
Total	14.8171	0.6570	41.5461	0.0175		1.1132	1.1132		1.1132	1.1132						

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.9033					0.0000	0.0000		0.0000	0.0000						
Consumer Products	9.7000					0.0000	0.0000		0.0000	0.0000						
Hearth	3.1444	0.2490	6.1026	0.0156		0.9167	0.9167		0.9167	0.9167						
Landscaping	1.0694	0.4081	35.4435	1.8800e-003		0.1965	0.1965		0.1965	0.1965						
Total	14.8171	0.6570	41.5461	0.0175		1.1132	1.1132		1.1132	1.1132						

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0.5	12	300	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Emergency Generator - Diesel (0.000000 HP)	0.2462	0.6880	0.6277	1.1800e-003		0.0362	0.0362		0.0362	0.0362						
Total	0.2462	0.6880	0.6277	1.1800e-003		0.0362	0.0362		0.0362	0.0362						

11.0 Vegetation

1360 N.Vine-Residential Option with Restaurant - Los Angeles-South Coast County, Winter

**1360 N.Vine-Residential Option with Restaurant
Los Angeles-South Coast County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Enclosed Parking with Elevator	764.00	Space	6.88	305,600.00	0
High Turnover (Sit Down Restaurant)	8.99	1000sqft	0.21	8,990.00	0
Apartments High Rise	429.00	Dwelling Unit	6.92	415,433.00	1227
Strip Mall	5.00	1000sqft	0.11	5,000.00	0
Supermarket	55.00	1000sqft	1.26	55,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	616	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP SB100 Carbon Intensity (Year 2025) - 616 lbs/MWh

Land Use - User Defined Commercial = Project VMT

Construction Phase - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Trips and VMT - Site Specific. Haul truck trips were included in vendor as peak daily. The vehicle class was modified to be HHDT with a one-way trip

distance of 15.0 miles (Suball Canyon Landfill)

Demolition -

Grading -

Architectural Coating -

Woodstoves - No Hearth

Area Coating -

Energy Use - see assumptions

Construction Off-road Equipment Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation - City of LA Waste Diversion Rate 76.4%

Fleet Mix -

Stationary Sources - Emergency Generators and Fire Pumps -

1360 Vine (Residential Option with Restaurant) - Construction and Operational Emissions

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	87.00
tblConstructionPhase	NumDays	300.00	4.00
tblConstructionPhase	NumDays	300.00	635.00
tblConstructionPhase	NumDays	20.00	54.00
tblConstructionPhase	NumDays	30.00	168.00
tblConstructionPhase	NumDays	20.00	27.00
tblConstructionPhase	NumDays	10.00	131.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblEnergyUse	T24E	3.92	0.46
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	364.65	0.00
tblFireplaces	NumberNoFireplace	42.90	0.00
tblFireplaces	NumberWood	21.45	0.00
tblGrading	MaterialExported	0.00	142,000.00
tblLandUse	LandUseSquareFeet	429,000.00	415,433.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	616

1360 Vine (Residential Option with Restaurant) - Construction and Operational Emissions

tblTripsAndVMT	HaulingTripNumber	170.00	0.00
tblTripsAndVMT	HaulingTripNumber	17,750.00	0.00
tblTripsAndVMT	VendorTripLength	6.90	15.80
tblTripsAndVMT	VendorTripLength	6.90	15.80
tblTripsAndVMT	VendorTripLength	6.90	13.80
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	170.00
tblTripsAndVMT	VendorTripNumber	107.00	175.00
tblTripsAndVMT	VendorTripNumber	0.00	100.00
tblTripsAndVMT	VendorTripNumber	107.00	30.00
tblTripsAndVMT	VendorTripNumber	0.00	30.00
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	WorkerTripNumber	13.00	25.00
tblTripsAndVMT	WorkerTripNumber	15.00	75.00
tblTripsAndVMT	WorkerTripNumber	460.00	25.00
tblTripsAndVMT	WorkerTripNumber	38.00	175.00
tblTripsAndVMT	WorkerTripNumber	460.00	500.00
tblTripsAndVMT	WorkerTripNumber	92.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	50.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	6.35
tblVehicleTrips	CC_TTP	72.50	0.00
tblVehicleTrips	CC_TTP	64.40	0.00
tblVehicleTrips	CC_TTP	74.50	0.00
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	8.50	0.00
tblVehicleTrips	CW_TTP	16.60	0.00
tblVehicleTrips	CW_TTP	6.50	0.00
tblVehicleTrips	DV_TP	11.00	0.00

1360 Vine (Residential Option with Restaurant) - Construction and Operational Emissions

tblVehicleTrips	DV_TP	20.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	HW_TTP	40.20	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PB_TP	36.00	0.00
tblVehicleTrips	PR_TP	86.00	0.00
tblVehicleTrips	PR_TP	37.00	0.00
tblVehicleTrips	PR_TP	45.00	0.00
tblVehicleTrips	PR_TP	34.00	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	4.98	0.00
tblVehicleTrips	ST_TR	158.37	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	ST_TR	177.59	0.00
tblVehicleTrips	ST_TR	0.00	5,371.00
tblVehicleTrips	SU_TR	3.65	0.00
tblVehicleTrips	SU_TR	131.84	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	SU_TR	166.44	0.00
tblVehicleTrips	SU_TR	0.00	5,371.00
tblVehicleTrips	WD_TR	4.20	0.00
tblVehicleTrips	WD_TR	127.15	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblVehicleTrips	WD_TR	102.24	0.00
tblVehicleTrips	WD_TR	0.00	5,371.00
tblWoodstoves	NumberCatalytic	21.45	0.00
tblWoodstoves	NumberNoncatalytic	21.45	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					

1360 Vine (Residential Option with Restaurant) - Construction and Operational Emissions

2021	1.6978	17.7348	15.2682	0.0399	1.2370	0.6593	1.8963	0.2530	0.6309	0.8840						
2022	7.0635	89.7466	61.2133	0.2254	4.9528	1.0712	6.9851	1.3380	1.0460	3.3093						
2023	4.9127	29.4501	42.4091	0.1026	5.7809	1.0411	6.8220	1.5375	1.0132	2.5507						
2024	42.8502	23.6495	41.1979	0.1010	5.7809	0.9199	6.7008	1.5375	0.8945	2.4319						
2025	43.5885	31.8847	53.9766	0.1286	6.5319	1.1201	7.6519	1.7410	1.0731	2.8141						
Maximum	43.5885	89.7466	61.2133	0.2254	6.5319	1.1201	7.6519	1.7410	1.0731	3.3093						

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.6978	17.7348	15.2682	0.0399	0.8215	0.6593	1.4808	0.1901	0.6309	0.8210						
2022	7.0635	89.7466	61.2133	0.2254	4.9528	1.0712	6.9851	1.3380	1.0460	3.3093						
2023	4.9127	29.4501	42.4091	0.1026	5.7809	1.0411	6.8220	1.5375	1.0132	2.5507						
2024	42.8502	23.6495	41.1979	0.1010	5.7809	0.9199	6.7008	1.5375	0.8945	2.4319						
2025	43.5885	31.8847	53.9766	0.1286	6.5319	1.1201	7.6519	1.7410	1.0731	2.8141						
Maximum	43.5885	89.7466	61.2133	0.2254	6.5319	1.1201	7.6519	1.7410	1.0731	3.3093						

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	1.71	0.00	1.38	0.98	0.00	0.52	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	11.6800	0.4081	35.4444	1.8800e-003		0.1965	0.1965		0.1965	0.1965						
Energy	0.2142	1.8838	1.1686	0.0117		0.1480	0.1480		0.1480	0.1480						
Mobile	6.5729	29.2809	74.6347	0.2898	26.3928	0.2288	26.6216	7.0616	0.2125	7.2742						
Stationary	0.2462	0.6880	0.6277	1.1800e-003		0.0362	0.0362		0.0362	0.0362						
Total	18.7132	32.2608	111.8754	0.3046	26.3928	0.6095	27.0023	7.0616	0.5933	7.6549						

Mitigated Operational

1360 Vine (Residential Option with Restaurant) - Construction and Operational Emissions

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	11.6800	0.4081	35.4444	1.8800e-003		0.1965	0.1965		0.1965	0.1965						
Energy	0.2059	1.8112	1.1274	0.0112		0.1423	0.1423		0.1423	0.1423						
Mobile	6.5729	29.2809	74.6347	0.2898	26.3928	0.2288	26.6216	7.0616	0.2125	7.2742						
Stationary	0.2462	0.6880	0.6277	1.1800e-003		0.0362	0.0362		0.0362	0.0362						
Total	18.7049	32.1882	111.8341	0.3041	26.3928	0.6038	26.9966	7.0616	0.5875	7.6491						

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.04	0.22	0.04	0.15	0.00	0.94	0.02	0.00	0.97	0.07	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/16/2021	2/16/2022	6	54	
2	Grading	Grading	2/17/2022	8/31/2022	6	168	
3	Mat Foundation	Building Construction	9/1/2022	9/6/2022	6	4	
4	Foundation	Site Preparation	9/7/2022	1/31/2023	6	131	
5	Building Construction	Building Construction	2/1/2023	2/10/2025	6	635	
6	Architectural Coating	Architectural Coating	11/1/2024	2/10/2025	6	87	
7	Paving	Paving	1/10/2025	2/10/2025	6	27	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 6.88

Residential Indoor: 841,252; Residential Outdoor: 280,417; Non-Residential Indoor: 103,485; Non-Residential Outdoor: 34,495; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Air Compressors	1	8.00	78	0.48
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	1	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	221	0.50
Grading	Cranes	1	8.00	231	0.29
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Pumps	1	8.00	84	0.74
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37

1360 Vine (Residential Option with Restaurant) - Construction and Operational Emissions

Grading	Welders	1	8.00	46	0.45
Mat Foundation	Cement and Mortar Mixers	2	8.00	9	0.56
Mat Foundation	Cranes	1	8.00	231	0.29
Mat Foundation	Forklifts	0	8.00	89	0.20
Mat Foundation	Generator Sets	0	8.00	84	0.74
Mat Foundation	Pumps	4	8.00	84	0.74
Mat Foundation	Rubber Tired Dozers	0	8.00	247	0.40
Mat Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Mat Foundation	Welders	1	8.00	46	0.45
Foundation	Cement and Mortar Mixers	2	8.00	9	0.56
Foundation	Concrete/Industrial Saws	1	8.00	81	0.73
Foundation	Cranes	1	8.00	231	0.29
Foundation	Forklifts	2	8.00	89	0.20
Foundation	Plate Compactors	4	8.00	8	0.43
Foundation	Pumps	1	8.00	84	0.74
Foundation	Rough Terrain Forklifts	2	8.00	100	0.40
Foundation	Rubber Tired Dozers	0	8.00	247	0.40
Foundation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Foundation	Welders	2	8.00	46	0.45
Building Construction	Aerial Lifts	3	8.00	63	0.31
Building Construction	Air Compressors	3	8.00	78	0.48
Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Building Construction	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Plate Compactors	2	8.00	8	0.43
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	2	8.00	46	0.45
Architectural Coating	Air Compressors	0	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	0	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	8.00	80	0.38
Paving	Skid Steer Loaders	2	8.00	65	0.37
Paving	Tractors/Loaders/Backhoes	2	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	25.00	20.00	0.00	14.70	15.80	20.00	LD_Mix	HHDT	HHDT
Grading	6	75.00	170.00	0.00	14.70	15.80	20.00	LD_Mix	HHDT	HHDT
Mat Foundation	9	25.00	175.00	0.00	14.70	13.80	20.00	LD_Mix	HHDT	HHDT
Foundation	15	175.00	100.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Building Construction	16	500.00	30.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Paving	7	50.00	30.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
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3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6812	0.0000	0.6812	0.1031	0.0000	0.1031						
Off-Road	1.4362	12.9867	13.2282	0.0247		0.6436	0.6436		0.6160	0.6160						
Total	1.4362	12.9867	13.2282	0.0247	0.6812	0.6436	1.3248	0.1031	0.6160	0.7192						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1424	4.6666	1.1194	0.0125	0.2764	0.0134	0.2898	0.0758	0.0128	0.0886						
Worker	0.1192	0.0815	0.9206	2.6900e-003	0.2794	2.2600e-003	0.2817	0.0741	2.0800e-003	0.0762						
Total	0.2616	4.7482	2.0401	0.0152	0.5558	0.0157	0.5715	0.1499	0.0149	0.1648						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2657	0.0000	0.2657	0.0402	0.0000	0.0402						
Off-Road	1.4362	12.9867	13.2282	0.0247		0.6436	0.6436		0.6160	0.6160						
Total	1.4362	12.9867	13.2282	0.0247	0.2657	0.6436	0.9093	0.0402	0.6160	0.6563						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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1360 Vine (Residential Option with Restaurant) - Construction and Operational Emissions

Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1424	4.6666	1.1194	0.0125	0.2764	0.0134	0.2898	0.0758	0.0128	0.0886							
Worker	0.1192	0.0815	0.9206	2.6900e-003	0.2794	2.2600e-003	0.2817	0.0741	2.0800e-003	0.0762							
Total	0.2616	4.7482	2.0401	0.0152	0.5558	0.0157	0.5715	0.1499	0.0149	0.1648							

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6812	0.0000	0.6812	0.1031	0.0000	0.1031						
Off-Road	1.2889	11.1567	13.1071	0.0248		0.5366	0.5366		0.5144	0.5144						
Total	1.2889	11.1567	13.1071	0.0248	0.6812	0.5366	1.2178	0.1031	0.5144	0.6176						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1355	4.3470	1.1043	0.0123	0.2764	0.0117	0.2880	0.0758	0.0111	0.0869						
Worker	0.1120	0.0736	0.8479	2.6000e-003	0.2794	2.1900e-003	0.2816	0.0741	2.0100e-003	0.0761						
Total	0.2474	4.4206	1.9522	0.0149	0.5558	0.0138	0.5697	0.1499	0.0132	0.1630						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2657	0.0000	0.2657	0.0402	0.0000	0.0402						
Off-Road	1.2889	11.1567	13.1071	0.0248		0.5366	0.5366		0.5144	0.5144						
Total	1.2889	11.1567	13.1071	0.0248	0.2657	0.5366	0.8023	0.0402	0.5144	0.5547						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1355	4.3470	1.1043	0.0123	0.2764	0.0117	0.2880	0.0758	0.0111	0.0869						
Worker	0.1120	0.0736	0.8479	2.6000e-003	0.2794	2.1900e-003	0.2816	0.0741	2.0100e-003	0.0761						
Total	0.2474	4.4206	1.9522	0.0149	0.5558	0.0138	0.5697	0.1499	0.0132	0.1630						

3.3 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0956	0.0000	0.0956	0.0145	0.0000	0.0145						
Off-Road	1.6306	14.4364	15.8714	0.0347		0.6379	0.6379		0.6044	0.6044						
Total	1.6306	14.4364	15.8714	0.0347	0.0956	0.6379	0.7335	0.0145	0.6044	0.6189						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	1.1515	36.9493	9.3865	0.1049	2.3492	0.0990	2.4482	0.6440	0.0947	0.7388						
Worker	0.3359	0.2209	2.5438	7.7900e-003	0.8383	6.5600e-003	0.8449	0.2223	6.0400e-003	0.2284						
Total	1.4874	37.1702	11.9303	0.1126	3.1875	0.1056	3.2931	0.8664	0.1008	0.9671						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0373	0.0000	0.0373	5.6500e-003	0.0000	5.6500e-003						
Off-Road	1.6306	14.4364	15.8714	0.0347		0.6379	0.6379		0.6044	0.6044						
Total	1.6306	14.4364	15.8714	0.0347	0.0373	0.6379	0.6752	5.6500e-003	0.6044	0.6101						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	1.1515	36.9493	9.3865	0.1049	2.3492	0.0990	2.4482	0.6440	0.0947	0.7388						
Worker	0.3359	0.2209	2.5438	7.7900e-003	0.8383	6.5600e-003	0.8449	0.2223	6.0400e-003	0.2284						
Total	1.4874	37.1702	11.9303	0.1126	3.1875	0.1056	3.2931	0.8664	0.1008	0.9671						

3.4 Mat Foundation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3396	19.9345	21.3704	0.0392		0.9791	0.9791		0.9580	0.9580						
Total	2.3396	19.9345	21.3704	0.0392		0.9791	0.9791		0.9580	0.9580						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	1.0726	35.1458	8.7739	0.0963	2.1126	0.0899	2.2025	0.5792	0.0860	0.6652						
Worker	0.1120	0.0736	0.8479	2.6000e-003	0.2794	2.1900e-003	0.2816	0.0741	2.0100e-003	0.0761						
Total	1.1846	35.2194	9.6219	0.0989	2.3921	0.0921	2.4842	0.6533	0.0880	0.7414						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3396	19.9345	21.3704	0.0392		0.9791	0.9791		0.9580	0.9580						

Total	2.3396	19.9345	21.3704	0.0392		0.9791	0.9791		0.9580	0.9580						
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	1.0726	35.1458	8.7739	0.0963	2.1126	0.0899	2.2025	0.5792	0.0860	0.6652						
Worker	0.1120	0.0736	0.8479	2.6000e-003	0.2794	2.1900e-003	0.2816	0.0741	2.0100e-003	0.0761						
Total	1.1846	35.2194	9.6219	0.0989	2.3921	0.0921	2.4842	0.6533	0.0880	0.7414						

3.5 Foundation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Off-Road	2.3649	19.6920	21.0235	0.0370		0.9181	0.9181		0.8847	0.8847						
Total	2.3649	19.6920	21.0235	0.0370	0.0000	0.9181	0.9181	0.0000	0.8847	0.8847						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3907	14.3853	3.2619	0.0321	0.6047	0.0277	0.6324	0.1659	0.0265	0.1924						
Worker	0.7837	0.5155	5.9356	0.0182	1.9561	0.0153	1.9714	0.5188	0.0141	0.5329						
Total	1.1744	14.9007	9.1975	0.0503	2.5608	0.0430	2.6038	0.6846	0.0406	0.7253						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Off-Road	2.3649	19.6920	21.0235	0.0370		0.9181	0.9181		0.8847	0.8847						
Total	2.3649	19.6920	21.0235	0.0370	0.0000	0.9181	0.9181	0.0000	0.8847	0.8847						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3907	14.3853	3.2619	0.0321	0.6047	0.0277	0.6324	0.1659	0.0265	0.1924						
Worker	0.7837	0.5155	5.9356	0.0182	1.9561	0.0153	1.9714	0.5188	0.0141	0.5329						
Total	1.1744	14.9007	9.1975	0.0503	2.5608	0.0430	2.6038	0.6846	0.0406	0.7253						

3.5 Foundation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Off-Road	2.2164	18.4534	20.8957	0.0370		0.8089	0.8089		0.7795	0.7795						
Total	2.2164	18.4534	20.8957	0.0370	0.0000	0.8089	0.8089	0.0000	0.7795	0.7795						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.2615	10.5305	2.8700	0.0306	0.6047	0.0124	0.6171	0.1659	0.0119	0.1778						
Worker	0.7384	0.4662	5.4559	0.0175	1.9561	0.0149	1.9710	0.5188	0.0137	0.5325						
Total	0.9998	10.9967	8.3259	0.0481	2.5608	0.0273	2.5881	0.6847	0.0256	0.7102						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Off-Road	2.2164	18.4534	20.8957	0.0370		0.8089	0.8089		0.7795	0.7795						
Total	2.2164	18.4534	20.8957	0.0370	0.0000	0.8089	0.8089	0.0000	0.7795	0.7795						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.2615	10.5305	2.8700	0.0306	0.6047	0.0124	0.6171	0.1659	0.0119	0.1778						
Worker	0.7384	0.4662	5.4559	0.0175	1.9561	0.0149	1.9710	0.5188	0.0137	0.5325						
Total	0.9998	10.9967	8.3259	0.0481	2.5608	0.0273	2.5881	0.6847	0.0256	0.7102						

3.6 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						
Total	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0668	2.0922	0.7085	7.1900e-003	0.1921	2.5500e-003	0.1946	0.0553	2.4400e-003	0.0577						
Worker	2.1096	1.3320	15.5883	0.0500	5.5888	0.0425	5.6313	1.4822	0.0391	1.5213						
Total	2.1763	3.4241	16.2968	0.0572	5.7809	0.0451	5.8260	1.5375	0.0416	1.5791						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						
Total	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0668	2.0922	0.7085	7.1900e-003	0.1921	2.5500e-003	0.1946	0.0553	2.4400e-003	0.0577						
Worker	2.1096	1.3320	15.5883	0.0500	5.5888	0.0425	5.6313	1.4822	0.0391	1.5213						
Total	2.1763	3.4241	16.2968	0.0572	5.7809	0.0451	5.8260	1.5375	0.0416	1.5791						

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						
Total	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0651	2.0847	0.6870	7.1600e-003	0.1921	2.5100e-003	0.1946	0.0553	2.4000e-003	0.0577						

1360 Vine (Residential Option with Restaurant) - Construction and Operational Emissions

Worker	2.0018	1.2144	14.5121	0.0484	5.5888	0.0419	5.6307	1.4822	0.0386	1.5208						
Total	2.0670	3.2990	15.1991	0.0556	5.7809	0.0444	5.8253	1.5375	0.0410	1.5785						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						
Total	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0651	2.0847	0.6870	7.1600e-003	0.1921	2.5100e-003	0.1946	0.0553	2.4000e-003	0.0577						
Worker	2.0018	1.2144	14.5121	0.0484	5.5888	0.0419	5.6307	1.4822	0.0386	1.5208						
Total	2.0670	3.2990	15.1991	0.0556	5.7809	0.0444	5.8253	1.5375	0.0410	1.5785						

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						
Total	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

1360 Vine (Residential Option with Restaurant) - Construction and Operational Emissions

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0635	2.0670	0.6695	7.1200e-003	0.1921	2.4600e-003	0.1945	0.0553	2.3500e-003	0.0577						
Worker	1.9068	1.1109	13.4654	0.0466	5.5888	0.0410	5.6298	1.4822	0.0378	1.5199						
Total	1.9703	3.1779	14.1349	0.0537	5.7809	0.0435	5.8244	1.5375	0.0401	1.5776						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						
Total	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0635	2.0670	0.6695	7.1200e-003	0.1921	2.4600e-003	0.1945	0.0553	2.3500e-003	0.0577						
Worker	1.9068	1.1109	13.4654	0.0466	5.5888	0.0410	5.6298	1.4822	0.0378	1.5199						
Total	1.9703	3.1779	14.1349	0.0537	5.7809	0.0435	5.8244	1.5375	0.0401	1.5776						

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	38.2068					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total	38.2068	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	38.2068					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total	38.2068	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	38.2068					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total	38.2068	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	38.2068					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total	38.2068	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

3.8 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824						
Paving	0.0000					0.0000	0.0000		0.0000	0.0000						

1360 Vine (Residential Option with Restaurant) - Construction and Operational Emissions

Total	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824						
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0635	2.0670	0.6695	7.1200e-003	0.1921	2.4600e-003	0.1945	0.0553	2.3500e-003	0.0577						
Worker	0.1907	0.1111	1.3465	4.6500e-003	0.5589	4.1000e-003	0.5630	0.1482	3.7800e-003	0.1520						
Total	0.2541	2.1781	2.0160	0.0118	0.7510	6.5600e-003	0.7575	0.2035	6.1300e-003	0.2097						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824						
Paving	0.0000					0.0000	0.0000		0.0000	0.0000						
Total	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0635	2.0670	0.6695	7.1200e-003	0.1921	2.4600e-003	0.1945	0.0553	2.3500e-003	0.0577						
Worker	0.1907	0.1111	1.3465	4.6500e-003	0.5589	4.1000e-003	0.5630	0.1482	3.7800e-003	0.1520						
Total	0.2541	2.1781	2.0160	0.0118	0.7510	6.5600e-003	0.7575	0.2035	6.1300e-003	0.2097						

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.5729	29.2809	74.6347	0.2898	26.3928	0.2288	26.6216	7.0616	0.2125	7.2742						
Unmitigated	6.5729	29.2809	74.6347	0.2898	26.3928	0.2288	26.6216	7.0616	0.2125	7.2742						

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Apartments High Rise	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Supermarket	0.00	0.00	0.00		
User Defined Commercial	5,371.00	5,371.00	5,371.00	12,414,529	12,414,529
Total	5,371.00	5,371.00	5,371.00	12,414,529	12,414,529

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments High Rise	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Supermarket	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
User Defined Commercial	0.00	6.35	0.00	0.00	100.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments High Rise	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Enclosed Parking with Elevator	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
High Turnover (Sit Down Restaurant)	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Strip Mall	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Supermarket	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
User Defined Commercial	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

1360 Vine (Residential Option with Restaurant) - Construction and Operational Emissions

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.2059	1.8112	1.1274	0.0112		0.1423	0.1423		0.1423	0.1423						
NaturalGas Unmitigated	0.2142	1.8838	1.1686	0.0117		0.1480	0.1480		0.1480	0.1480						

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments High Rise	10833.1	0.1168	0.9983	0.4248	6.3700e-003		0.0807	0.0807		0.0807	0.0807						
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
High Turnover (Sit Down Restaurant)	5683.65	0.0613	0.5572	0.4681	3.3400e-003		0.0424	0.0424		0.0424	0.0424						
Strip Mall	22.4658	2.4000e-004	2.2000e-003	1.8500e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004						
Supermarket	3325.62	0.0359	0.3260	0.2739	1.9600e-003		0.0248	0.0248		0.0248	0.0248						
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total		0.2142	1.8838	1.1686	0.0117		0.1480	0.1480		0.1480	0.1480						

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments High Rise	10.3176	0.1113	0.9508	0.4046	6.0700e-003		0.0769	0.0769		0.0769	0.0769						
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
High Turnover (Sit Down Restaurant)	5.57779	0.0602	0.5468	0.4594	3.2800e-003		0.0416	0.0416		0.0416	0.0416						
Strip Mall	0.0208904	2.3000e-004	2.0500e-003	1.7200e-003	1.0000e-005		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004						
Supermarket	3.17749	0.0343	0.3115	0.2617	1.8700e-003		0.0237	0.0237		0.0237	0.0237						
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total		0.2059	1.8112	1.1274	0.0112		0.1423	0.1423		0.1423	0.1423						

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	11.6800	0.4081	35.4444	1.8800e-003		0.1965	0.1965		0.1965	0.1965						
Unmitigated	11.6800	0.4081	35.4444	1.8800e-003		0.1965	0.1965		0.1965	0.1965						

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.9107					0.0000	0.0000		0.0000	0.0000						
Consumer Products	9.6998					0.0000	0.0000		0.0000	0.0000						
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Landscaping	1.0695	0.4081	35.4444	1.8800e-003		0.1965	0.1965		0.1965	0.1965						
Total	11.6800	0.4081	35.4444	1.8800e-003		0.1965	0.1965		0.1965	0.1965						

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.9107					0.0000	0.0000		0.0000	0.0000						
Consumer Products	9.6998					0.0000	0.0000		0.0000	0.0000						
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Landscaping	1.0695	0.4081	35.4444	1.8800e-003		0.1965	0.1965		0.1965	0.1965						
Total	11.6800	0.4081	35.4444	1.8800e-003		0.1965	0.1965		0.1965	0.1965						

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0.5	12	300	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Emergency Generator - Diesel	0.2462	0.6880	0.6277	1.1800e-003		0.0362	0.0362		0.0362	0.0362						
Total	0.2462	0.6880	0.6277	1.1800e-003		0.0362	0.0362		0.0362	0.0362						

11.0 Vegetation

1360 N.Vine-Construction (Regional) - Office Option with Bungalows - Los Angeles-South Coast County, Winter

**1360 N.Vine-Construction (Regional) - Office Option with Bungalows
Los Angeles-South Coast County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	463.52	1000sqft	10.64	463,521.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Enclosed Parking with Elevator	1,705.00	Space	15.34	682,000.00	0
Quality Restaurant	11.91	1000sqft	0.27	11,914.00	0
Single Family Housing	12.00	Dwelling Unit	3.90	8,998.00	34

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	616	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP SB100 Carbon Intensity (Year 2025) - 616 lbs/MWh

Land Use - See Project Description

User Defined Commercial - Business Trip

Construction Phase - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - see assumptions

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - see construction assumptions

Off-road Equipment - Site Specific

Trips and VMT - Site Specific. Haul truck trips were included in vendor as peak daily. The vehicle class was modified to be HHDT with a one-way trip distance of 15.8 miles (Sabell Canyon Landfill)

Demolition -

Grading - see assumptions

Architectural Coating -

Woodstoves - No Wood Burning Fireplaces

Area Coating -

Energy Use - Adjustments for parking energy

Construction Off-road Equipment Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation - City of LA Waste Diversion Rate of 76.4%

Stationary Sources - Emergency Generators and Fire Pumps -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	35.00	166.00
tblConstructionPhase	NumDays	500.00	4.00
tblConstructionPhase	NumDays	500.00	224.00
tblConstructionPhase	NumDays	500.00	432.00
tblConstructionPhase	NumDays	30.00	54.00
tblConstructionPhase	NumDays	45.00	264.00
tblConstructionPhase	NumDays	35.00	27.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblEnergyUse	T24E	3.92	0.46
tblGrading	MaterialExported	0.00	321,060.00
tblLandUse	LandUseSquareFeet	463,520.00	463,521.00
tblLandUse	LandUseSquareFeet	11,910.00	11,914.00
tblLandUse	LandUseSquareFeet	21,600.00	8,998.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	616
tblTripsAndVMT	HaulingTripNumber	170.00	0.00

1360 Vine (Office Option with Bungalows) - Construction and Operational Emissions

tblTripsAndVMT	HaulingTripNumber	40,133.00	0.00
tblTripsAndVMT	VendorTripLength	6.90	15.80
tblTripsAndVMT	VendorTripLength	6.90	15.80
tblTripsAndVMT	VendorTripLength	6.90	13.80
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	190.00
tblTripsAndVMT	VendorTripNumber	191.00	175.00
tblTripsAndVMT	VendorTripNumber	191.00	100.00
tblTripsAndVMT	VendorTripNumber	191.00	30.00
tblTripsAndVMT	VendorTripNumber	0.00	30.00
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	WorkerTripNumber	13.00	25.00
tblTripsAndVMT	WorkerTripNumber	20.00	75.00
tblTripsAndVMT	WorkerTripNumber	444.00	25.00
tblTripsAndVMT	WorkerTripNumber	444.00	175.00
tblTripsAndVMT	WorkerTripNumber	444.00	500.00
tblTripsAndVMT	WorkerTripNumber	89.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	50.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	7.24
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	69.00	0.00
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	12.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	18.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	HW_TTP	40.20	0.00

1360 Vine (Office Option with Bungalows) - Construction and Operational Emissions

tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	44.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	77.00	0.00
tblVehicleTrips	PR_TP	38.00	0.00
tblVehicleTrips	PR_TP	86.00	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	94.36	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	ST_TR	0.00	2,979.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	72.16	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	SU_TR	0.00	2,979.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	89.95	0.00
tblVehicleTrips	WD_TR	9.52	0.00
tblVehicleTrips	WD_TR	0.00	2,979.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.6978	17.7348	15.2682	0.0399	1.2370	0.6593	1.8963	0.2530	0.6309	0.8840						
2022	3.7095	60.6542	32.6752	0.1690	3.6014	0.9467	4.5481	0.9630	0.8926	1.8555						
2023	4.9127	42.5671	42.4091	0.1337	5.7809	1.0411	6.8220	1.5375	1.0132	2.5507						
2024	32.8558	24.8683	43.0080	0.1039	5.7809	0.9808	6.7617	1.5375	0.9554	2.4929						
2025	33.5842	33.0302	55.7858	0.1316	6.5319	1.1716	7.7035	1.7410	1.1246	2.8656						
Maximum	33.5842	60.6542	55.7858	0.1690	6.5319	1.1716	7.7035	1.7410	1.1246	2.8656						

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.6978	17.7348	15.2682	0.0399	0.8215	0.6593	1.4808	0.1901	0.6309	0.8210						
2022	3.7095	60.6542	32.6752	0.1690	3.5175	0.9467	4.4642	0.9502	0.8926	1.8428						

1360 Vine (Office Option with Bungalows) - Construction and Operational Emissions

2023	4.9127	42.5671	42.4091	0.1337	5.7809	1.0411	6.8220	1.5375	1.0132	2.5507						
2024	32.8558	24.8683	43.0080	0.1039	5.7809	0.9808	6.7617	1.5375	0.9554	2.4929						
2025	33.5842	33.0302	55.7858	0.1316	6.5319	1.1716	7.7035	1.7410	1.1246	2.8656						
Maximum	33.5842	60.6542	55.7858	0.1690	6.5319	1.1716	7.7035	1.7410	1.1246	2.8656						
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	2.18	0.00	1.80	1.25	0.00	0.71	0.00	0.00	0.00	0.00	0.00	0.00

**2.2 Overall Operational
Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	14.3028	0.2624	7.3139	0.0156		0.9229	0.9229		0.9229	0.9229						
Energy	0.2336	2.1178	1.7445	0.0127		0.1614	0.1614		0.1614	0.1614						
Mobile	3.8338	17.2292	45.8548	0.1816	16.6881	0.1424	16.8304	4.4650	0.1322	4.5973						
Stationary	0.2462	0.6880	0.6277	1.1800e-003		0.0362	0.0362		0.0362	0.0362						
Total	18.6163	20.2974	55.5407	0.2111	16.6881	1.2629	17.9509	4.4650	1.2528	5.7178						

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	14.3028	0.2624	7.3139	0.0156		0.9229	0.9229		0.9229	0.9229						
Energy	0.2175	1.9725	1.6252	0.0119		0.1503	0.1503		0.1503	0.1503						
Mobile	3.8338	17.2292	45.8548	0.1816	16.6881	0.1424	16.8304	4.4650	0.1322	4.5973						
Stationary	0.2462	0.6880	0.6277	1.1800e-003		0.0362	0.0362		0.0362	0.0362						
Total	18.6002	20.1520	55.4215	0.2102	16.6881	1.2518	17.9399	4.4650	1.2417	5.7067						
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.09	0.72	0.21	0.42	0.00	0.88	0.06	0.00	0.88	0.19	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/16/2021	2/16/2022	6	54	

1360 Vine (Office Option with Bungalows) - Construction and Operational Emissions

2	Grading	Grading	2/17/2022	12/21/2022	6	264
3	Mat Foundation	Building Construction	1/3/2023	1/6/2023	6	4
4	Building Foundation and Subgrade	Building Construction	1/7/2023	9/25/2023	6	224
5	Building Construction	Building Construction	9/26/2023	2/10/2025	6	432
6	Architectural Coating	Architectural Coating	8/1/2024	2/10/2025	6	166
7	Paving	Paving	1/10/2025	2/10/2025	6	27

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 15.34

Residential Indoor: 18,221; Residential Outdoor: 6,074; Non-Residential Indoor: 713,153; Non-Residential Outdoor: 237,718; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Air Compressors	1	8.00	78	0.48
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	1	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	221	0.50
Grading	Cranes	1	8.00	231	0.29
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Pumps	1	8.00	84	0.74
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Rubber Tired Loaders	1	8.00	203	0.36
Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Welders	1	8.00	46	0.45
Mat Foundation	Cement and Mortar Mixers	2	8.00	9	0.56
Mat Foundation	Cranes	1	8.00	231	0.29
Mat Foundation	Forklifts	0	8.00	89	0.20
Mat Foundation	Generator Sets	0	8.00	84	0.74
Mat Foundation	Pumps	4	8.00	84	0.74
Mat Foundation	Rubber Tired Dozers	0	8.00	247	0.40
Mat Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Mat Foundation	Welders	1	8.00	46	0.45
Building Foundation and Subgrade	Cement and Mortar Mixers	2	8.00	9	0.56
Building Foundation and Subgrade	Concrete/Industrial Saws	1	8.00	81	0.73
Building Foundation and Subgrade	Cranes	1	8.00	231	0.29
Building Foundation and Subgrade	Forklifts	2	8.00	89	0.20
Building Foundation and Subgrade	Generator Sets	0	8.00	84	0.74
Building Foundation and Subgrade	Plate Compactors	4	8.00	8	0.43
Building Foundation and Subgrade	Pumps	1	8.00	84	0.74
Building Foundation and Subgrade	Rough Terrain Forklifts	2	8.00	100	0.40
Building Foundation and Subgrade	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Foundation and Subgrade	Welders	2	8.00	46	0.45

1360 Vine (Office Option with Bungalows) - Construction and Operational Emissions

Building Construction	Aerial Lifts	3	8.00	63	0.31
Building Construction	Air Compressors	3	8.00	78	0.48
Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Building Construction	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Plate Compactors	2	8.00	8	0.43
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	2	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	0	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	8.00	80	0.38
Paving	Skid Steer Loaders	2	8.00	65	0.37
Paving	Tractors/Loaders/Backhoes	2	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class	
Demolition		5	25.00	20.00	0.00	14.70	15.80	20.00	LD_Mix	HHDT	HHDT
Grading		8	75.00	190.00	0.00	14.70	15.80	20.00	LD_Mix	HHDT	HHDT
Mat Foundation		9	25.00	175.00	0.00	14.70	13.80	20.00	LD_Mix	HHDT	HHDT
Building Foundation and Subgrade		15	175.00	100.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction		16	500.00	30.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating		1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving		7	50.00	30.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6812	0.0000	0.6812	0.1031	0.0000	0.1031						
Off-Road	1.4362	12.9867	13.2282	0.0247		0.6436	0.6436		0.6160	0.6160						
Total	1.4362	12.9867	13.2282	0.0247	0.6812	0.6436	1.3248	0.1031	0.6160	0.7192						

Unmitigated Construction Off-Site

1360 Vine (Office Option with Bungalows) - Construction and Operational Emissions

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1424	4.6666	1.1194	0.0125	0.2764	0.0134	0.2898	0.0758	0.0128	0.0886						
Worker	0.1192	0.0815	0.9206	2.6900e-003	0.2794	2.2600e-003	0.2817	0.0741	2.0800e-003	0.0762						
Total	0.2616	4.7482	2.0401	0.0152	0.5558	0.0157	0.5715	0.1499	0.0149	0.1648						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2657	0.0000	0.2657	0.0402	0.0000	0.0402						
Off-Road	1.4362	12.9867	13.2282	0.0247		0.6436	0.6436		0.6160	0.6160						
Total	1.4362	12.9867	13.2282	0.0247	0.2657	0.6436	0.9093	0.0402	0.6160	0.6563						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1424	4.6666	1.1194	0.0125	0.2764	0.0134	0.2898	0.0758	0.0128	0.0886						
Worker	0.1192	0.0815	0.9206	2.6900e-003	0.2794	2.2600e-003	0.2817	0.0741	2.0800e-003	0.0762						
Total	0.2616	4.7482	2.0401	0.0152	0.5558	0.0157	0.5715	0.1499	0.0149	0.1648						

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6812	0.0000	0.6812	0.1031	0.0000	0.1031						
Off-Road	1.2889	11.1567	13.1071	0.0248		0.5366	0.5366		0.5144	0.5144						
Total	1.2889	11.1567	13.1071	0.0248	0.6812	0.5366	1.2178	0.1031	0.5144	0.6176						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1355	4.3470	1.1043	0.0123	0.2764	0.0117	0.2880	0.0758	0.0111	0.0869						
Worker	0.1120	0.0736	0.8479	2.6000e-003	0.2794	2.1900e-003	0.2816	0.0741	2.0100e-003	0.0761						
Total	0.2474	4.4206	1.9522	0.0149	0.5558	0.0138	0.5697	0.1499	0.0132	0.1630						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2657	0.0000	0.2657	0.0402	0.0000	0.0402						
Off-Road	1.2889	11.1567	13.1071	0.0248		0.5366	0.5366		0.5144	0.5144						
Total	1.2889	11.1567	13.1071	0.0248	0.2657	0.5366	0.8023	0.0402	0.5144	0.5547						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1355	4.3470	1.1043	0.0123	0.2764	0.0117	0.2880	0.0758	0.0111	0.0869						
Worker	0.1120	0.0736	0.8479	2.6000e-003	0.2794	2.1900e-003	0.2816	0.0741	2.0100e-003	0.0761						
Total	0.2474	4.4206	1.9522	0.0149	0.5558	0.0138	0.5697	0.1499	0.0132	0.1630						

3.3 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1375	0.0000	0.1375	0.0208	0.0000	0.0208						

1360 Vine (Office Option with Bungalows) - Construction and Operational Emissions

Off-Road	2.0867	19.1370	19.6406	0.0441		0.8295	0.8295		0.7807	0.7807						
Total	2.0867	19.1370	19.6406	0.0441	0.1375	0.8295	0.9670	0.0208	0.7807	0.8015						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	1.2870	41.2963	10.4908	0.1172	2.6255	0.1107	2.7362	0.7198	0.1059	0.8257						
Worker	0.3359	0.2209	2.5438	7.7900e-003	0.8383	6.5600e-003	0.8449	0.2223	6.0400e-003	0.2284						
Total	1.6229	41.5172	13.0346	0.1250	3.4639	0.1172	3.5811	0.9421	0.1119	1.0540						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0536	0.0000	0.0536	8.1200e-003	0.0000	8.1200e-003						
Off-Road	2.0867	19.1370	19.6406	0.0441		0.8295	0.8295		0.7807	0.7807						
Total	2.0867	19.1370	19.6406	0.0441	0.0536	0.8295	0.8831	8.1200e-003	0.7807	0.7888						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	1.2870	41.2963	10.4908	0.1172	2.6255	0.1107	2.7362	0.7198	0.1059	0.8257						
Worker	0.3359	0.2209	2.5438	7.7900e-003	0.8383	6.5600e-003	0.8449	0.2223	6.0400e-003	0.2284						
Total	1.6229	41.5172	13.0346	0.1250	3.4639	0.1172	3.5811	0.9421	0.1119	1.0540						

3.4 Mat Foundation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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1360 Vine (Office Option with Bungalows) - Construction and Operational Emissions

Category	lb/day										lb/day					
Off-Road	2.1859	18.5195	21.2615	0.0392		0.8583	0.8583		0.8395	0.8395						
Total	2.1859	18.5195	21.2615	0.0392		0.8583	0.8583		0.8395	0.8395						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.7083	23.9810	7.8392	0.0920	2.1127	0.0385	2.1512	0.5793	0.0368	0.6161						
Worker	0.1055	0.0666	0.7794	2.5000e-003	0.2794	2.1300e-003	0.2816	0.0741	1.9600e-003	0.0761						
Total	0.8138	24.0476	8.6187	0.0945	2.3922	0.0406	2.4328	0.6534	0.0388	0.6922						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1859	18.5195	21.2615	0.0392		0.8583	0.8583		0.8395	0.8395						
Total	2.1859	18.5195	21.2615	0.0392		0.8583	0.8583		0.8395	0.8395						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.7083	23.9810	7.8392	0.0920	2.1127	0.0385	2.1512	0.5793	0.0368	0.6161						
Worker	0.1055	0.0666	0.7794	2.5000e-003	0.2794	2.1300e-003	0.2816	0.0741	1.9600e-003	0.0761						
Total	0.8138	24.0476	8.6187	0.0945	2.3922	0.0406	2.4328	0.6534	0.0388	0.6922						

3.5 Building Foundation and Subgrade - 2023

Unmitigated Construction On-Site

1360 Vine (Office Option with Bungalows) - Construction and Operational Emissions

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2164	18.4534	20.8957	0.0370		0.8089	0.8089		0.7795	0.7795						
Total	2.2164	18.4534	20.8957	0.0370		0.8089	0.8089		0.7795	0.7795						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.2226	6.9739	2.3616	0.0240	0.6402	8.5100e-003	0.6488	0.1843	8.1300e-003	0.1925						
Worker	0.7384	0.4662	5.4559	0.0175	1.9561	0.0149	1.9710	0.5188	0.0137	0.5325						
Total	0.9609	7.4401	7.8175	0.0415	2.5963	0.0234	2.6197	0.7031	0.0218	0.7249						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2164	18.4534	20.8957	0.0370		0.8089	0.8089		0.7795	0.7795						
Total	2.2164	18.4534	20.8957	0.0370		0.8089	0.8089		0.7795	0.7795						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.2226	6.9739	2.3616	0.0240	0.6402	8.5100e-003	0.6488	0.1843	8.1300e-003	0.1925						
Worker	0.7384	0.4662	5.4559	0.0175	1.9561	0.0149	1.9710	0.5188	0.0137	0.5325						
Total	0.9609	7.4401	7.8175	0.0415	2.5963	0.0234	2.6197	0.7031	0.0218	0.7249						

3.6 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						
Total	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0668	2.0922	0.7085	7.1900e-003	0.1921	2.5500e-003	0.1946	0.0553	2.4400e-003	0.0577						
Worker	2.1096	1.3320	15.5883	0.0500	5.5888	0.0425	5.6313	1.4822	0.0391	1.5213						
Total	2.1763	3.4241	16.2968	0.0572	5.7809	0.0451	5.8260	1.5375	0.0416	1.5791						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						
Total	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0668	2.0922	0.7085	7.1900e-003	0.1921	2.5500e-003	0.1946	0.0553	2.4400e-003	0.0577						

1360 Vine (Office Option with Bungalows) - Construction and Operational Emissions

Worker	2.1096	1.3320	15.5883	0.0500	5.5888	0.0425	5.6313	1.4822	0.0391	1.5213						
Total	2.1763	3.4241	16.2968	0.0572	5.7809	0.0451	5.8260	1.5375	0.0416	1.5791						

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						
Total	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0651	2.0847	0.6870	7.1600e-003	0.1921	2.5100e-003	0.1946	0.0553	2.4000e-003	0.0577						
Worker	2.0018	1.2144	14.5121	0.0484	5.5888	0.0419	5.6307	1.4822	0.0386	1.5208						
Total	2.0670	3.2990	15.1991	0.0556	5.7809	0.0444	5.8253	1.5375	0.0410	1.5785						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						
Total	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

1360 Vine (Office Option with Bungalows) - Construction and Operational Emissions

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0651	2.0847	0.6870	7.1600e-003	0.1921	2.5100e-003	0.1946	0.0553	2.4000e-003	0.0577						
Worker	2.0018	1.2144	14.5121	0.0484	5.5888	0.0419	5.6307	1.4822	0.0386	1.5208						
Total	2.0670	3.2990	15.1991	0.0556	5.7809	0.0444	5.8253	1.5375	0.0410	1.5785						

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						
Total	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0635	2.0670	0.6695	7.1200e-003	0.1921	2.4600e-003	0.1945	0.0553	2.3500e-003	0.0577						
Worker	1.9068	1.1109	13.4654	0.0466	5.5888	0.0410	5.6298	1.4822	0.0378	1.5199						
Total	1.9703	3.1779	14.1349	0.0537	5.7809	0.0435	5.8244	1.5375	0.0401	1.5776						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						
Total	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						

Mitigated Construction Off-Site

1360 Vine (Office Option with Bungalows) - Construction and Operational Emissions

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0635	2.0670	0.6695	7.1200e-003	0.1921	2.4600e-003	0.1945	0.0553	2.3500e-003	0.0577						
Worker	1.9068	1.1109	13.4654	0.0466	5.5888	0.0410	5.6298	1.4822	0.0378	1.5199						
Total	1.9703	3.1779	14.1349	0.0537	5.7809	0.0435	5.8244	1.5375	0.0401	1.5776						

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	28.0317					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609						
Total	28.2124	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	28.0317					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609						
Total	28.2124	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	28.0317					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	28.2025	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	28.0317					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

1360 Vine (Office Option with Bungalows) - Construction and Operational Emissions

Total	28.2025	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515							
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

3.8 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824						
Paving	0.0000					0.0000	0.0000		0.0000	0.0000						
Total	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0635	2.0670	0.6695	7.1200e-003	0.1921	2.4600e-003	0.1945	0.0553	2.3500e-003	0.0577						
Worker	0.1907	0.1111	1.3465	4.6500e-003	0.5589	4.1000e-003	0.5630	0.1482	3.7800e-003	0.1520						
Total	0.2541	2.1781	2.0160	0.0118	0.7510	6.5600e-003	0.7575	0.2035	6.1300e-003	0.2097						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

1360 Vine (Office Option with Bungalows) - Construction and Operational Emissions

Off-Road	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824						
Paving	0.0000					0.0000	0.0000		0.0000	0.0000						
Total	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0635	2.0670	0.6695	7.1200e-003	0.1921	2.4600e-003	0.1945	0.0553	2.3500e-003	0.0577						
Worker	0.1907	0.1111	1.3465	4.6500e-003	0.5589	4.1000e-003	0.5630	0.1482	3.7800e-003	0.1520						
Total	0.2541	2.1781	2.0160	0.0118	0.7510	6.5600e-003	0.7575	0.2035	6.1300e-003	0.2097						

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.8338	17.2292	45.8548	0.1816	16.6881	0.1424	16.8304	4.4650	0.1322	4.5973						
Unmitigated	3.8338	17.2292	45.8548	0.1816	16.6881	0.1424	16.8304	4.4650	0.1322	4.5973						

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Quality Restaurant	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
User Defined Commercial	2,979.00	2,979.00	2,979.00	7,849,660	7,849,660
Total	2,979.00	2,979.00	2,979.00	7,849,660	7,849,660

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Quality Restaurant	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0

1360 Vine (Office Option with Bungalows) - Construction and Operational Emissions

Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
User Defined Commercial	0.00	7.24	0.00	0.00	100.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Single Family Housing	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Enclosed Parking with Elevator	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
General Office Building	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Quality Restaurant	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
User Defined Commercial	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	0.2175	1.9725	1.6252	0.0119		0.1503	0.1503		0.1503	0.1503						
NaturalGas Unmitigated	0.2336	2.1178	1.7445	0.0127		0.1614	0.1614		0.1614	0.1614						

5.2 Energy by Land Use - NaturalGas

Unmitigated

Land Use	NaturalGas Use kBTU/yr	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
		lb/day										lb/day					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
General Office Building	13219.9	0.1426	1.2961	1.0887	7.7800e-003		0.0985	0.0985		0.0985	0.0985						
Quality Restaurant	7532.26	0.0812	0.7385	0.6203	4.4300e-003		0.0561	0.0561		0.0561	0.0561						
Single Family Housing	903.986	9.7500e-003	0.0833	0.0355	5.3000e-004		6.7400e-003	6.7400e-003		6.7400e-003	6.7400e-003						
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total		0.2336	2.1178	1.7445	0.0127		0.1614	0.1614		0.1614	0.1614						

Mitigated

1360 Vine (Office Option with Bungalows) - Construction and Operational Emissions

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
General Office Building	11.9474	0.1288	1.1713	0.9839	7.0300e-003		0.0890	0.0890		0.0890	0.0890						
Quality Restaurant	7.39197	0.0797	0.7247	0.6088	4.3500e-003		0.0551	0.0551		0.0551	0.0551						
Single Family Housing	0.82947	8.9500e-003	0.0764	0.0325	4.9000e-004		6.1800e-003	6.1800e-003		6.1800e-003	6.1800e-003						
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total		0.2175	1.9725	1.6252	0.0119		0.1503	0.1503		0.1503	0.1503						

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	14.3028	0.2624	7.3139	0.0156		0.9229	0.9229		0.9229	0.9229						
Unmitigated	14.3028	0.2624	7.3139	0.0156		0.9229	0.9229		0.9229	0.9229						

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.2749					0.0000	0.0000		0.0000	0.0000						
Consumer Products	9.8333					0.0000	0.0000		0.0000	0.0000						
Hearth	3.1444	0.2490	6.1026	0.0156		0.9167	0.9167		0.9167	0.9167						
Landscaping	0.0502	0.0134	1.2112	7.0000e-005		6.2800e-003	6.2800e-003		6.2800e-003	6.2800e-003						
Total	14.3028	0.2624	7.3138	0.0156		0.9229	0.9229		0.9229	0.9229						

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
--	-----	-----	----	-----	---------------	--------------	------------	----------------	---------------	-------------	----------	-----------	-----------	-----	-----	------

SubCategory	lb/day								lb/day								
Architectural Coating	1.2749					0.0000	0.0000			0.0000	0.0000						
Consumer Products	9.8333					0.0000	0.0000			0.0000	0.0000						
Hearth	3.1444	0.2490	6.1026	0.0156		0.9167	0.9167			0.9167	0.9167						
Landscaping	0.0502	0.0134	1.2112	7.0000e-005		6.2800e-003	6.2800e-003			6.2800e-003	6.2800e-003						
Total	14.3028	0.2624	7.3138	0.0156		0.9229	0.9229			0.9229	0.9229						

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0.5	12	300	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Emergency Generator - Diesel (600-900 HP)	0.2462	0.6880	0.6277	1.1800e-003		0.0362	0.0362		0.0362	0.0362						
Total	0.2462	0.6880	0.6277	1.1800e-003		0.0362	0.0362		0.0362	0.0362						

11.0 Vegetation

1360 N.Vine-Construction (Regional) - Office Option with Restaurant - Los Angeles-South Coast County, Winter

**1360 N.Vine-Construction (Regional) - Office Option with Restaurant
Los Angeles-South Coast County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	463.52	1000sqft	10.64	463,521.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Enclosed Parking with Elevator	1,693.00	Space	15.24	677,200.00	0
Quality Restaurant	20.90	1000sqft	0.48	20,902.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	616	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP SB100 Carbon Intensity (Year 2025) - 616 lbs/MWh

Land Use - See Project Description

User Defined Commercial - Primary Trips

Construction Phase - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - see assumptions

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - see construction assumptions

Off-road Equipment - Site Specific

Trips and VMT - Site Specific. Haul truck trips were included in vendor as peak daily. The vehicle class was modified to be HHDT with a one-way trip

distance of 15.8 miles (Sabell Canyon Landfill)

Demolition -

Grading - see assumptions

Architectural Coating -

Woodstoves - No Wood Burning Fireplaces

Area Coating -

Energy Use - Adjustments for parking energy

Construction Off-road Equipment Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation - City of LA Waste Diversion Rate of 76.4%

Stationary Sources - Emergency Generators and Fire Pumps -

1360 Vine (Office Option with Restaurant) - Construction and Operational Emissions

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	35.00	166.00
tblConstructionPhase	NumDays	440.00	4.00
tblConstructionPhase	NumDays	440.00	224.00
tblConstructionPhase	NumDays	440.00	432.00
tblConstructionPhase	NumDays	30.00	54.00
tblConstructionPhase	NumDays	45.00	264.00
tblConstructionPhase	NumDays	35.00	27.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblEnergyUse	T24E	3.92	0.46
tblGrading	MaterialExported	0.00	321,060.00
tblLandUse	LandUseSquareFeet	463,520.00	463,521.00
tblLandUse	LandUseSquareFeet	20,900.00	20,902.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	616
tblTripsAndVMT	HaulingTripNumber	170.00	0.00
tblTripsAndVMT	HaulingTripNumber	40,133.00	0.00
tblTripsAndVMT	VendorTripLength	6.90	15.80
tblTripsAndVMT	VendorTripLength	6.90	15.80

1360 Vine (Office Option with Restaurant) - Construction and Operational Emissions

tblTripsAndVMT	VendorTripLength	6.90	13.80
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	190.00
tblTripsAndVMT	VendorTripNumber	190.00	175.00
tblTripsAndVMT	VendorTripNumber	190.00	100.00
tblTripsAndVMT	VendorTripNumber	190.00	30.00
tblTripsAndVMT	VendorTripNumber	0.00	30.00
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	WorkerTripNumber	13.00	25.00
tblTripsAndVMT	WorkerTripNumber	20.00	75.00
tblTripsAndVMT	WorkerTripNumber	442.00	25.00
tblTripsAndVMT	WorkerTripNumber	442.00	175.00
tblTripsAndVMT	WorkerTripNumber	442.00	500.00
tblTripsAndVMT	WorkerTripNumber	88.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	50.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	7.18
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	69.00	0.00
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	12.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	18.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	44.00	0.00
tblVehicleTrips	PR_TP	77.00	0.00
tblVehicleTrips	PR_TP	38.00	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	94.36	0.00
tblVehicleTrips	ST_TR	0.00	3,534.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	72.16	0.00

1360 Vine (Office Option with Restaurant) - Construction and Operational Emissions

tblVehicleTrips	SU_TR	0.00	3,534.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	89.95	0.00
tblVehicleTrips	WD_TR	0.00	3,534.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.6978	17.7348	15.2682	0.0399	1.2370	0.6593	1.8963	0.2530	0.6309	0.8840						
2022	3.7095	60.6542	32.6752	0.1690	3.6014	0.9467	4.5481	0.9630	0.8926	1.8555						
2023	4.9127	42.5671	42.4091	0.1337	5.7809	1.0411	6.8220	1.5375	1.0132	2.5507						
2024	33.0105	24.8683	43.0080	0.1039	5.7809	0.9808	6.7617	1.5375	0.9554	2.4929						
2025	33.7389	33.0302	55.7858	0.1316	6.5319	1.1716	7.7035	1.7410	1.1246	2.8656						
Maximum	33.7389	60.6542	55.7858	0.1690	6.5319	1.1716	7.7035	1.7410	1.1246	2.8656						

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.6978	17.7348	15.2682	0.0399	0.8215	0.6593	1.4808	0.1901	0.6309	0.8210						
2022	3.7095	60.6542	32.6752	0.1690	3.5175	0.9467	4.4642	0.9502	0.8926	1.8428						
2023	4.9127	42.5671	42.4091	0.1337	5.7809	1.0411	6.8220	1.5375	1.0132	2.5507						
2024	33.0105	24.8683	43.0080	0.1039	5.7809	0.9808	6.7617	1.5375	0.9554	2.4929						
2025	33.7389	33.0302	55.7858	0.1316	6.5319	1.1716	7.7035	1.7410	1.1246	2.8656						
Maximum	33.7389	60.6542	55.7858	0.1690	6.5319	1.1716	7.7035	1.7410	1.1246	2.8656						

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	2.18	0.00	1.80	1.25	0.00	0.71	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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1360 Vine (Office Option with Restaurant) - Construction and Operational Emissions

Category	lb/day										lb/day							
Area	11.1338	2.0100e-003	0.2218	2.0000e-005		7.9000e-004	7.9000e-004		7.9000e-004	7.9000e-004								
Energy	0.2851	2.5916	2.1770	0.0156		0.1970	0.1970		0.1970	0.1970								
Mobile	4.5332	20.3612	54.0466	0.2137	19.6358	0.1677	19.8034	5.2537	0.1558	5.4095								
Stationary	0.2462	0.6880	0.6277	1.1800e-003		0.0362	0.0362		0.0362	0.0362								
Total	16.1982	23.6428	57.0731	0.2305	19.6358	0.4016	20.0374	5.2537	0.3897	5.6434								

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Area	11.1338	2.0100e-003	0.2218	2.0000e-005		7.9000e-004	7.9000e-004		7.9000e-004	7.9000e-004							
Energy	0.2687	2.4427	2.0519	0.0147		0.1857	0.1857		0.1857	0.1857							
Mobile	4.5332	20.3612	54.0466	0.2137	19.6358	0.1677	19.8034	5.2537	0.1558	5.4095							
Stationary	0.2462	0.6880	0.6277	1.1800e-003		0.0362	0.0362		0.0362	0.0362							
Total	16.1819	23.4939	56.9480	0.2296	19.6358	0.3903	20.0261	5.2537	0.3784	5.6321							

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.10	0.63	0.22	0.39	0.00	2.82	0.06	0.00	2.90	0.20	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/16/2021	2/16/2022	6	54	
2	Grading	Grading	2/17/2022	12/21/2022	6	264	
3	Mat Foundation	Building Construction	1/3/2023	1/6/2023	6	4	
4	Building Foundation and Subgrade	Building Construction	1/7/2023	9/25/2023	6	224	
5	Building Construction	Building Construction	9/26/2023	2/10/2025	6	432	
6	Architectural Coating	Architectural Coating	8/1/2024	2/10/2025	6	166	
7	Paving	Paving	1/10/2025	2/10/2025	6	27	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 15.24

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 726,635; Non-Residential Outdoor: 242,212; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Air Compressors	1	8.00	78	0.48

1360 Vine (Office Option with Restaurant) - Construction and Operational Emissions

Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	1	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	221	0.50
Grading	Cranes	1	8.00	231	0.29
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Pumps	1	8.00	84	0.74
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Rubber Tired Loaders	1	8.00	203	0.36
Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Welders	1	8.00	46	0.45
Mat Foundation	Cement and Mortar Mixers	2	8.00	9	0.56
Mat Foundation	Cranes	1	8.00	231	0.29
Mat Foundation	Forklifts	0	8.00	89	0.20
Mat Foundation	Generator Sets	0	8.00	84	0.74
Mat Foundation	Pumps	4	8.00	84	0.74
Mat Foundation	Rubber Tired Dozers	0	8.00	247	0.40
Mat Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Mat Foundation	Welders	1	8.00	46	0.45
Building Foundation and Subgrade	Cement and Mortar Mixers	2	8.00	9	0.56
Building Foundation and Subgrade	Concrete/Industrial Saws	1	8.00	81	0.73
Building Foundation and Subgrade	Cranes	1	8.00	231	0.29
Building Foundation and Subgrade	Forklifts	2	8.00	89	0.20
Building Foundation and Subgrade	Generator Sets	0	8.00	84	0.74
Building Foundation and Subgrade	Plate Compactors	4	8.00	8	0.43
Building Foundation and Subgrade	Pumps	1	8.00	84	0.74
Building Foundation and Subgrade	Rough Terrain Forklifts	2	8.00	100	0.40
Building Foundation and Subgrade	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Foundation and Subgrade	Welders	2	8.00	46	0.45
Building Construction	Aerial Lifts	3	8.00	63	0.31
Building Construction	Air Compressors	3	8.00	78	0.48
Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Building Construction	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Plate Compactors	2	8.00	8	0.43
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	2	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	0	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36

1360 Vine (Office Option with Restaurant) - Construction and Operational Emissions

Paving	Rollers	1	8.00	80	0.38
Paving	Skid Steer Loaders	2	8.00	65	0.37
Paving	Tractors/Loaders/Backhoes	2	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	25.00	20.00	0.00	14.70	15.80	20.00	LD_Mix	HHDT	HHDT
Grading	8	75.00	190.00	0.00	14.70	15.80	20.00	LD_Mix	HHDT	HHDT
Mat Foundation	9	25.00	175.00	0.00	14.70	13.80	20.00	LD_Mix	HHDT	HHDT
Building Foundation and Subgrade	15	175.00	100.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	16	500.00	30.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	50.00	30.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6812	0.0000	0.6812	0.1031	0.0000	0.1031						
Off-Road	1.4362	12.9867	13.2282	0.0247		0.6436	0.6436		0.6160	0.6160						
Total	1.4362	12.9867	13.2282	0.0247	0.6812	0.6436	1.3248	0.1031	0.6160	0.7192						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1424	4.6666	1.1194	0.0125	0.2764	0.0134	0.2898	0.0758	0.0128	0.0886						
Worker	0.1192	0.0815	0.9206	2.6900e-003	0.2794	2.2600e-003	0.2817	0.0741	2.0800e-003	0.0762						
Total	0.2616	4.7482	2.0401	0.0152	0.5558	0.0157	0.5715	0.1499	0.0149	0.1648						

Mitigated Construction On-Site

1360 Vine (Office Option with Restaurant) - Construction and Operational Emissions

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2657	0.0000	0.2657	0.0402	0.0000	0.0402						
Off-Road	1.4362	12.9867	13.2282	0.0247		0.6436	0.6436		0.6160	0.6160						
Total	1.4362	12.9867	13.2282	0.0247	0.2657	0.6436	0.9093	0.0402	0.6160	0.6563						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1424	4.6666	1.1194	0.0125	0.2764	0.0134	0.2898	0.0758	0.0128	0.0886						
Worker	0.1192	0.0815	0.9206	2.6900e-003	0.2794	2.2500e-003	0.2817	0.0741	2.0800e-003	0.0762						
Total	0.2616	4.7482	2.0401	0.0152	0.5558	0.0157	0.5715	0.1499	0.0149	0.1648						

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6812	0.0000	0.6812	0.1031	0.0000	0.1031						
Off-Road	1.2889	11.1567	13.1071	0.0248		0.5366	0.5366		0.5144	0.5144						
Total	1.2889	11.1567	13.1071	0.0248	0.6812	0.5366	1.2178	0.1031	0.5144	0.6176						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1355	4.3470	1.1043	0.0123	0.2764	0.0117	0.2880	0.0758	0.0111	0.0869						
Worker	0.1120	0.0736	0.8479	2.6000e-003	0.2794	2.1900e-003	0.2816	0.0741	2.0100e-003	0.0761						
Total	0.2474	4.4206	1.9522	0.0149	0.5558	0.0138	0.5697	0.1499	0.0132	0.1630						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2657	0.0000	0.2657	0.0402	0.0000	0.0402						
Off-Road	1.2889	11.1567	13.1071	0.0248		0.5366	0.5366		0.5144	0.5144						
Total	1.2889	11.1567	13.1071	0.0248	0.2657	0.5366	0.8023	0.0402	0.5144	0.5547						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1355	4.3470	1.1043	0.0123	0.2764	0.0117	0.2880	0.0758	0.0111	0.0869						
Worker	0.1120	0.0736	0.8479	2.6000e-003	0.2794	2.1900e-003	0.2816	0.0741	2.0100e-003	0.0761						
Total	0.2474	4.4206	1.9522	0.0149	0.5558	0.0138	0.5697	0.1499	0.0132	0.1630						

3.3 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1375	0.0000	0.1375	0.0208	0.0000	0.0208						
Off-Road	2.0867	19.1370	19.6406	0.0441		0.8295	0.8295		0.7807	0.7807						
Total	2.0867	19.1370	19.6406	0.0441	0.1375	0.8295	0.9670	0.0208	0.7807	0.8015						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	1.2870	41.2963	10.4908	0.1172	2.6255	0.1107	2.7362	0.7198	0.1059	0.8257						
Worker	0.3359	0.2209	2.5438	7.7900e-003	0.8383	6.5600e-003	0.8449	0.2223	6.0400e-003	0.2284						

1360 Vine (Office Option with Restaurant) - Construction and Operational Emissions

Total	1.6229	41.5172	13.0346	0.1250	3.4639	0.1172	3.5811	0.9421	0.1119	1.0540						
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0536	0.0000	0.0536	8.1200e-003	0.0000	8.1200e-003						
Off-Road	2.0867	19.1370	19.6406	0.0441		0.8295	0.8295		0.7807	0.7807						
Total	2.0867	19.1370	19.6406	0.0441	0.0536	0.8295	0.8831	8.1200e-003	0.7807	0.7888						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	1.2870	41.2963	10.4908	0.1172	2.6255	0.1107	2.7362	0.7198	0.1059	0.8257						
Worker	0.3359	0.2209	2.5438	7.7900e-003	0.8383	6.5600e-003	0.8449	0.2223	6.0400e-003	0.2284						
Total	1.6229	41.5172	13.0346	0.1250	3.4639	0.1172	3.5811	0.9421	0.1119	1.0540						

3.4 Mat Foundation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1859	18.5195	21.2615	0.0392		0.8583	0.8583		0.8395	0.8395						
Total	2.1859	18.5195	21.2615	0.0392		0.8583	0.8583		0.8395	0.8395						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

1360 Vine (Office Option with Restaurant) - Construction and Operational Emissions

Vendor	0.7083	23.9810	7.8392	0.0920	2.1127	0.0385	2.1512	0.5793	0.0368	0.6161						
Worker	0.1055	0.0666	0.7794	2.5000e-003	0.2794	2.1300e-003	0.2816	0.0741	1.9600e-003	0.0761						
Total	0.8138	24.0476	8.6187	0.0945	2.3922	0.0406	2.4328	0.6534	0.0388	0.6922						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1859	18.5195	21.2615	0.0392		0.8583	0.8583		0.8395	0.8395						
Total	2.1859	18.5195	21.2615	0.0392		0.8583	0.8583		0.8395	0.8395						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.7083	23.9810	7.8392	0.0920	2.1127	0.0385	2.1512	0.5793	0.0368	0.6161						
Worker	0.1055	0.0666	0.7794	2.5000e-003	0.2794	2.1300e-003	0.2816	0.0741	1.9600e-003	0.0761						
Total	0.8138	24.0476	8.6187	0.0945	2.3922	0.0406	2.4328	0.6534	0.0388	0.6922						

3.5 Building Foundation and Subgrade - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2164	18.4534	20.8957	0.0370		0.8089	0.8089		0.7795	0.7795						
Total	2.2164	18.4534	20.8957	0.0370		0.8089	0.8089		0.7795	0.7795						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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1360 Vine (Office Option with Restaurant) - Construction and Operational Emissions

Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.2226	6.9739	2.3616	0.0240	0.6402	8.5100e-003	0.6488	0.1843	8.1300e-003	0.1925							
Worker	0.7384	0.4662	5.4559	0.0175	1.9561	0.0149	1.9710	0.5188	0.0137	0.5325							
Total	0.9609	7.4401	7.8175	0.0415	2.5963	0.0234	2.6197	0.7031	0.0218	0.7249							

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2164	18.4534	20.8957	0.0370		0.8089	0.8089		0.7795	0.7795						
Total	2.2164	18.4534	20.8957	0.0370		0.8089	0.8089		0.7795	0.7795						

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.2226	6.9739	2.3616	0.0240	0.6402	8.5100e-003	0.6488	0.1843	8.1300e-003	0.1925						
Worker	0.7384	0.4662	5.4559	0.0175	1.9561	0.0149	1.9710	0.5188	0.0137	0.5325						
Total	0.9609	7.4401	7.8175	0.0415	2.5963	0.0234	2.6197	0.7031	0.0218	0.7249						

3.6 Building Construction - 2023

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						
Total	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						

Unmitigated Construction Off-Site

1360 Vine (Office Option with Restaurant) - Construction and Operational Emissions

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0668	2.0922	0.7085	7.1900e-003	0.1921	2.5500e-003	0.1946	0.0553	2.4400e-003	0.0577						
Worker	2.1096	1.3320	15.5883	0.0500	5.5888	0.0425	5.6313	1.4822	0.0391	1.5213						
Total	2.1763	3.4241	16.2968	0.0572	5.7809	0.0451	5.8260	1.5375	0.0416	1.5791						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						
Total	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0668	2.0922	0.7085	7.1900e-003	0.1921	2.5500e-003	0.1946	0.0553	2.4400e-003	0.0577						
Worker	2.1096	1.3320	15.5883	0.0500	5.5888	0.0425	5.6313	1.4822	0.0391	1.5213						
Total	2.1763	3.4241	16.2968	0.0572	5.7809	0.0451	5.8260	1.5375	0.0416	1.5791						

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						
Total	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0651	2.0847	0.6870	7.1600e-003	0.1921	2.5100e-003	0.1946	0.0553	2.4000e-003	0.0577						
Worker	2.0018	1.2144	14.5121	0.0484	5.5888	0.0419	5.6307	1.4822	0.0386	1.5208						
Total	2.0670	3.2990	15.1991	0.0556	5.7809	0.0444	5.8253	1.5375	0.0410	1.5785						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						
Total	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0651	2.0847	0.6870	7.1600e-003	0.1921	2.5100e-003	0.1946	0.0553	2.4000e-003	0.0577						
Worker	2.0018	1.2144	14.5121	0.0484	5.5888	0.0419	5.6307	1.4822	0.0386	1.5208						
Total	2.0670	3.2990	15.1991	0.0556	5.7809	0.0444	5.8253	1.5375	0.0410	1.5785						

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						

1360 Vine (Office Option with Restaurant) - Construction and Operational Emissions

Total	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444							
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0635	2.0670	0.6695	7.1200e-003	0.1921	2.4600e-003	0.1945	0.0553	2.3500e-003	0.0577						
Worker	1.9068	1.1109	13.4654	0.0466	5.5888	0.0410	5.6298	1.4822	0.0378	1.5199						
Total	1.9703	3.1779	14.1349	0.0537	5.7809	0.0435	5.8244	1.5375	0.0401	1.5776						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						
Total	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0635	2.0670	0.6695	7.1200e-003	0.1921	2.4600e-003	0.1945	0.0553	2.3500e-003	0.0577						
Worker	1.9068	1.1109	13.4654	0.0466	5.5888	0.0410	5.6298	1.4822	0.0378	1.5199						
Total	1.9703	3.1779	14.1349	0.0537	5.7809	0.0435	5.8244	1.5375	0.0401	1.5776						

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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1360 Vine (Office Option with Restaurant) - Construction and Operational Emissions

Category	lb/day										lb/day								
Archit. Coating	28.1864						0.0000	0.0000		0.0000	0.0000								
Off-Road	0.1808	1.2188	1.8101	2.9700e-003			0.0609	0.0609		0.0609	0.0609								
Total	28.3671	1.2188	1.8101	2.9700e-003			0.0609	0.0609		0.0609	0.0609								

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	28.1864						0.0000	0.0000		0.0000						
Off-Road	0.1808	1.2188	1.8101	2.9700e-003			0.0609	0.0609		0.0609						
Total	28.3671	1.2188	1.8101	2.9700e-003			0.0609	0.0609		0.0609						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	28.1864						0.0000	0.0000		0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003			0.0515	0.0515		0.0515						
Total	28.3572	1.1455	1.8091	2.9700e-003			0.0515	0.0515		0.0515						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	28.1864						0.0000	0.0000		0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003			0.0515	0.0515		0.0515						
Total	28.3572	1.1455	1.8091	2.9700e-003			0.0515	0.0515		0.0515						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

3.8 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824							
Paving	0.0000					0.0000	0.0000		0.0000	0.0000							
Total	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824							

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000							
Vendor	0.0635	2.0670	0.6695	7.1200e-003	0.1921	2.4600e-003	0.1945	0.0553	2.3500e-003	0.0577							
Worker	0.1907	0.1111	1.3465	4.6500e-003	0.5589	4.1000e-003	0.5630	0.1482	3.7800e-003	0.1520							
Total	0.2541	2.1781	2.0160	0.0118	0.7510	6.5600e-003	0.7575	0.2035	6.1300e-003	0.2097							

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824							
Paving	0.0000					0.0000	0.0000		0.0000	0.0000							
Total	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824							

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000							
Vendor	0.0635	2.0670	0.6695	7.1200e-003	0.1921	2.4600e-003	0.1945	0.0553	2.3500e-003	0.0577							

Worker	0.1907	0.1111	1.3465	4.6500e-003	0.5589	4.1000e-003	0.5630	0.1482	3.7800e-003	0.1520						
Total	0.2541	2.1781	2.0160	0.0118	0.7510	6.5600e-003	0.7575	0.2035	6.1300e-003	0.2097						

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	4.5332	20.3612	54.0466	0.2137	19.6358	0.1677	19.8034	5.2537	0.1558	5.4095						
Unmitigated	4.5332	20.3612	54.0466	0.2137	19.6358	0.1677	19.8034	5.2537	0.1558	5.4095						

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Quality Restaurant	0.00	0.00	0.00		
User Defined Commercial	3,534.00	3,534.00	3,534.00	9,236,180	9,236,180
Total	3,534.00	3,534.00	3,534.00	9,236,180	9,236,180

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Quality Restaurant	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
User Defined Commercial	0.00	7.18	0.00	0.00	100.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
General Office Building	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Quality Restaurant	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
User Defined Commercial	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Natural Gas Mitigated	0.2687	2.4427	2.0519	0.0147		0.1857	0.1857		0.1857	0.1857						
Natural Gas Unmitigated	0.2851	2.5916	2.1770	0.0156		0.1970	0.1970		0.1970	0.1970						

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
General Office Building	13219.9	0.1426	1.2961	1.0887	7.7800e-003		0.0985	0.0985		0.0985	0.0985						
Quality Restaurant	13214.6	0.1425	1.2956	1.0883	7.7700e-003		0.0985	0.0985		0.0985	0.0985						
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total		0.2851	2.5916	2.1770	0.0156		0.1970	0.1970		0.1970	0.1970						

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
General Office Building	11.9474	0.1288	1.1713	0.9839	7.0300e-003		0.0890	0.0890		0.0890	0.0890						
Quality Restaurant	12.9685	0.1399	1.2714	1.0680	7.6300e-003		0.0966	0.0966		0.0966	0.0966						
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total		0.2687	2.4427	2.0519	0.0147		0.1857	0.1857		0.1857	0.1857						

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	11.1338	2.0100e-003	0.2218	2.0000e-005		7.9000e-004	7.9000e-004		7.9000e-004	7.9000e-004						
Unmitigated	11.1338	2.0100e-003	0.2218	2.0000e-005		7.9000e-004	7.9000e-004		7.9000e-004	7.9000e-004						

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.2819					0.0000	0.0000		0.0000	0.0000						
Consumer Products	9.8314					0.0000	0.0000		0.0000	0.0000						
Landscaping	0.0204	2.0100e-003	0.2218	2.0000e-005		7.9000e-004	7.9000e-004		7.9000e-004	7.9000e-004						
Total	11.1338	2.0100e-003	0.2218	2.0000e-005		7.9000e-004	7.9000e-004		7.9000e-004	7.9000e-004						

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.2819					0.0000	0.0000		0.0000	0.0000						
Consumer Products	9.8314					0.0000	0.0000		0.0000	0.0000						
Landscaping	0.0204	2.0100e-003	0.2218	2.0000e-005		7.9000e-004	7.9000e-004		7.9000e-004	7.9000e-004						
Total	11.1338	2.0100e-003	0.2218	2.0000e-005		7.9000e-004	7.9000e-004		7.9000e-004	7.9000e-004						

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0.5	12	300	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Emergency Generator - Diesel (300 - 600 HP)	0.2462	0.6880	0.6277	1.1800e-003		0.0362	0.0362		0.0362	0.0362						
Total	0.2462	0.6880	0.6277	1.1800e-003		0.0362	0.0362		0.0362	0.0362						

11.0 Vegetation

1360 Vine - Construction Emissions Breakdown (Residential Option)

Phase No.	Phase	Year	Mitigated	On/Off Site	Category	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
2	Demolition	2021	Mitigated	On-site	Total	1	13	13	0	1	1
2	Demolition	2021	Mitigated	Off-Site	Total	0	5	2	0	1	0
2	Demolition	2022	Mitigated	On-site	Total	1	11	13	0	1	1
2	Demolition	2022	Mitigated	Off-Site	Total	0	4	2	0	1	0
3	Grading	2022	Mitigated	On-site	Total	2	14	16	0	1	1
3	Grading	2022	Mitigated	Off-Site	Total	1	37	12	0	3	1
4	Mat Foundation	2022	Mitigated	On-site	Total	2	20	21	0	1	1
4	Mat Foundation	2022	Mitigated	Off-Site	Total	1	35	10	0	2	1
5	Foundation	2022	Mitigated	On-site	Total	2	20	21	0	1	1
5	Foundation	2022	Mitigated	Off-Site	Total	1	15	9	0	3	1
5	Foundation	2023	Mitigated	On-site	Total	2	18	21	0	1	1
5	Foundation	2023	Mitigated	Off-Site	Total	1	11	8	0	3	1
6	Building Construction	2023	Mitigated	On-site	Total	3	22	26	0	1	1
6	Building Construction	2023	Mitigated	Off-Site	Total	2	3	16	0	6	2
6	Building Construction	2024	Mitigated	On-site	Total	3	20	26	0	1	1
6	Building Construction	2024	Mitigated	Off-Site	Total	2	3	15	0	6	2
6	Building Construction	2025	Mitigated	On-site	Total	2	19	26	0	1	1
6	Building Construction	2025	Mitigated	Off-Site	Total	2	3	14	0	6	2
7	Architectural Coating	2024	Mitigated	On-site	Total	38	0	0	0	0	0
7	Architectural Coating	2024	Mitigated	Off-Site	Total	0	0	0	0	0	0
7	Architectural Coating	2025	Mitigated	On-site	Total	38	0	0	0	0	0
7	Architectural Coating	2025	Mitigated	Off-Site	Total	0	0	0	0	0	0
8	Paving	2025	Mitigated	On-site	Total	1	7	12	0	0	0
8	Paving	2025	Mitigated	Off-Site	Total	0	2	2	0	1	0
Regional Max Emissions											
3	Grading	2022	Mitigated			3	52	28	0	4	2
4	Mat Foundation	2022	Mitigated			4	55	31	0	3	2
	Maximum					4	55	31	0	4	2
Localized Max Emissions											
3	Grading	2022	Mitigated			2	29	19	0	1	1
4	Mat Foundation	2022	Mitigated			3	35	24	0	1	1
	Maximum					3	35	24	0	1	1

1360 Vine

CO Hotspots

CO Hotspots Analysis - Maximum Impacted Intersection

Direction	Vine Street and Sunset boulevard	
	Future with Project	
	AM	PM
SBR	97	157
SBT	1277	1158
SBL	31	101
EBR	60	181
EBT	1921	1882
EBL	314	253
NBR	225	331
NBT	739	1207
NBL	136	123
WBR	82	125
WBT	1275	1763
WBL	63	99
Max Daily Trips ^a	103,667	123,000
Caltrans K Factor (%) ^b	6.00%	6.00%

^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>

1360 N.Vine-Residential Option with Bungalows (Onsite) - Los Angeles-South Coast County, Winter

1360 N.Vine-Residential Option with Bungalows (Onsite)
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Enclosed Parking with Elevator	764.00	Space	6.88	305,600.00	0
Apartments High Rise	417.00	Dwelling Unit	6.73	415,433.00	1193
Single Family Housing	12.00	Dwelling Unit	3.90	8,998.00	34
Strip Mall	5.00	1000sqft	0.11	5,000.00	0
Supermarket	55.00	1000sqft	1.26	55,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11	Operational Year		2025	
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	616	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP SB100 Carbon Intensity (Year 2025) - 616 lbs/MWh

Land Use - User Defined Commercial = Project VMT

Construction Phase - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Trips and VMT - Site Specific. Haul truck trips were included in vendor as peak daily. The vehicle class was modified to be HHDT with a one-way trip

distance of 15.0 miles (Suball Canyon Landfill)

Demolition -

Grading -

Architectural Coating -

Woodstoves - No Hearth

Area Coating -

Energy Use - see assumptions

Construction Off-road Equipment Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation - City of LA Waste Diversion Rate 76.4%

Fleet Mix -

Stationary Sources - Emergency Generators and Fire Pumps -

1360 Vine (Residential Option with Bungalows) - Construction Onsite Emissions

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	87.00
tblConstructionPhase	NumDays	300.00	4.00
tblConstructionPhase	NumDays	300.00	635.00
tblConstructionPhase	NumDays	20.00	54.00
tblConstructionPhase	NumDays	30.00	168.00
tblConstructionPhase	NumDays	20.00	27.00
tblConstructionPhase	NumDays	10.00	131.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblEnergyUse	T24E	3.92	0.46
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	354.45	0.00
tblFireplaces	NumberNoFireplace	41.70	0.00
tblFireplaces	NumberWood	20.85	0.00
tblFleetMix	HHD	0.03	0.00
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT2	0.21	0.00
tblFleetMix	LHD1	0.01	0.00
tblFleetMix	LHD2	6.2720e-003	0.00
tblFleetMix	MCY	5.2390e-003	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	8.4100e-004	0.00
tblFleetMix	MHD	0.02	0.00
tblFleetMix	OBUS	2.5720e-003	0.00
tblFleetMix	SBUS	7.0000e-004	0.00
tblFleetMix	UBUS	1.9840e-003	0.00
tblGrading	MaterialExported	0.00	142,000.00
tblLandUse	LandUseSquareFeet	417,000.00	415,433.00
tblLandUse	LandUseSquareFeet	21,600.00	8,998.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00

1360 Vine (Residential Option with Bungalows) - Construction Onsite Emissions

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	616
tblWoodstoves	NumberCatalytic	20.85	0.00
tblWoodstoves	NumberNoncatalytic	20.85	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.4968	14.8050	13.6583	0.0267	0.6855	0.6449	1.3304	0.1044	0.6172	0.7216						
2022	5.3547	63.7962	47.4292	0.1028	0.6855	0.9869	1.9576	0.1044	0.9655	1.8690						
2023	3.1785	25.8978	28.3505	0.0483	0.0465	0.9999	1.0464	0.0131	0.9752	0.9883						
2024	40.8822	21.9055	28.0584	0.0482	0.0465	0.8792	0.9257	0.0131	0.8569	0.8701						
2025	41.5000	29.5195	40.2484	0.0675	0.0543	1.0744	1.1288	0.0155	1.0309	1.0463						
Maximum	41.5000	63.7962	47.4292	0.1028	0.6855	1.0744	1.9576	0.1044	1.0309	1.8690						

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.4968	14.8050	13.6583	0.0267	0.2700	0.6449	0.9148	0.0415	0.6172	0.6586						
2022	5.3547	63.7962	47.4292	0.1028	0.2700	0.9869	1.9576	0.0415	0.9655	1.8690						
2023	3.1785	25.8978	28.3505	0.0483	0.0465	0.9999	1.0464	0.0131	0.9752	0.9883						

1360 Vine (Residential Option with Bungalows) - Construction Onsite Emissions

2024	40.8822	21.9055	28.0584	0.0482	0.0465	0.8792	0.9257	0.0131	0.8569	0.8701						
2025	41.5000	29.5195	40.2484	0.0675	0.0543	1.0744	1.1288	0.0155	1.0309	1.0463						
Maximum	41.5000	63.7962	47.4292	0.1028	0.2700	1.0744	1.9576	0.0415	1.0309	1.8690						
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	54.74	0.00	6.50	50.24	0.00	1.14	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/16/2021	2/16/2022	6	54	
2	Grading	Grading	2/17/2022	8/31/2022	6	168	
3	Mat Foundation	Building Construction	9/1/2022	9/6/2022	6	4	
4	Foundation	Site Preparation	9/7/2022	1/31/2023	6	131	
5	Building Construction	Building Construction	2/1/2023	2/10/2025	6	635	
6	Architectural Coating	Architectural Coating	11/1/2024	2/10/2025	6	87	
7	Paving	Paving	1/10/2025	2/10/2025	6	27	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 6.88

Residential Indoor: 859,473; Residential Outdoor: 286,491; Non-Residential Indoor: 90,000; Non-Residential Outdoor: 30,000; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Air Compressors	1	8.00	78	0.48
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	1	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	221	0.50
Grading	Cranes	1	8.00	231	0.29
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Pumps	1	8.00	84	0.74
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Welders	1	8.00	46	0.45
Mat Foundation	Cement and Mortar Mixers	2	8.00	9	0.56
Mat Foundation	Cranes	1	8.00	231	0.29
Mat Foundation	Forklifts	0	8.00	89	0.20

1360 Vine (Residential Option with Bungalows) - Construction Onsite Emissions

Mat Foundation	Generator Sets	0	8.00	84	0.74
Mat Foundation	Pumps	4	8.00	84	0.74
Mat Foundation	Rubber Tired Dozers	0	8.00	247	0.40
Mat Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Mat Foundation	Welders	1	8.00	46	0.45
Foundation	Cement and Mortar Mixers	2	8.00	9	0.56
Foundation	Concrete/Industrial Saws	1	8.00	81	0.73
Foundation	Cranes	1	8.00	231	0.29
Foundation	Forklifts	2	8.00	89	0.20
Foundation	Plate Compactors	4	8.00	8	0.43
Foundation	Pumps	1	8.00	84	0.74
Foundation	Rough Terrain Forklifts	2	8.00	100	0.40
Foundation	Rubber Tired Dozers	0	8.00	247	0.40
Foundation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Foundation	Welders	2	8.00	46	0.45
Building Construction	Aerial Lifts	3	8.00	63	0.31
Building Construction	Air Compressors	3	8.00	78	0.48
Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Building Construction	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Plate Compactors	2	8.00	8	0.43
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	2	8.00	46	0.45
Architectural Coating	Air Compressors	0	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	0	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	8.00	80	0.38
Paving	Skid Steer Loaders	2	8.00	65	0.37
Paving	Tractors/Loaders/Backhoes	2	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	25.00	20.00	0.00	0.10	0.10	0.10	LD_Mix	HHDT	HHDT
Grading	6	75.00	170.00	0.00	0.10	0.10	0.10	LD_Mix	HHDT	HHDT
Mat Foundation	9	25.00	175.00	0.00	0.10	0.10	0.10	LD_Mix	HHDT	HHDT
Foundation	15	175.00	100.00	0.00	0.10	0.10	0.10	LD_Mix	HHDT	HHDT
Building Construction	16	500.00	30.00	0.00	0.10	0.10	0.10	LD_Mix	HDT_Mix	HHDT
Architectural Coating	0	0.00	0.00	0.00	0.10	0.10	0.10	LD_Mix	HDT_Mix	HHDT
Paving	7	50.00	30.00	0.00	0.10	0.10	0.10	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6812	0.0000	0.6812	0.1031	0.0000	0.1031						
Off-Road	1.4362	12.9867	13.2282	0.0247		0.6436	0.6436		0.6160	0.6160						
Total	1.4362	12.9867	13.2282	0.0247	0.6812	0.6436	1.3248	0.1031	0.6160	0.7192						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0364	1.8108	0.3178	1.9100e-003	2.1700e-003	1.0500e-003	3.2200e-003	6.3000e-004	1.0000e-003	1.6300e-003						
Worker	0.0243	7.4500e-003	0.1124	7.0000e-005	2.1500e-003	1.7000e-004	2.3200e-003	6.0000e-004	1.6000e-004	7.6000e-004						
Total	0.0607	1.8183	0.4301	1.9800e-003	4.3200e-003	1.2200e-003	5.5400e-003	1.2300e-003	1.1600e-003	2.3900e-003						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2657	0.0000	0.2657	0.0402	0.0000	0.0402						
Off-Road	1.4362	12.9867	13.2282	0.0247		0.6436	0.6436		0.6160	0.6160						
Total	1.4362	12.9867	13.2282	0.0247	0.2657	0.6436	0.9093	0.0402	0.6160	0.6563						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0364	1.8108	0.3178	1.9100e-003	2.1700e-003	1.0500e-003	3.2200e-003	6.3000e-004	1.0000e-003	1.6300e-003						

1360 Vine (Residential Option with Bungalows) - Construction Onsite Emissions

Worker	0.0243	7.4500e-003	0.1124	7.0000e-005	2.1500e-003	1.7000e-004	2.3200e-003	6.0000e-004	1.6000e-004	7.6000e-004						
Total	0.0607	1.8183	0.4301	1.9800e-003	4.3200e-003	1.2200e-003	5.5400e-003	1.2300e-003	1.1600e-003	2.3900e-003						

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6812	0.0000	0.6812	0.1031	0.0000	0.1031						
Off-Road	1.2889	11.1567	13.1071	0.0248		0.5366	0.5366		0.5144	0.5144						
Total	1.2889	11.1567	13.1071	0.0248	0.6812	0.5366	1.2178	0.1031	0.5144	0.6176						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0343	1.7540	0.3071	1.8900e-003	2.1700e-003	8.8000e-004	3.0500e-003	6.3000e-004	8.4000e-004	1.4700e-003						
Worker	0.0223	6.5800e-003	0.1016	7.0000e-005	2.1500e-003	1.7000e-004	2.3200e-003	6.0000e-004	1.6000e-004	7.6000e-004						
Total	0.0566	1.7605	0.4087	1.9600e-003	4.3200e-003	1.0500e-003	5.3700e-003	1.2300e-003	1.0000e-003	2.2300e-003						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2657	0.0000	0.2657	0.0402	0.0000	0.0402						
Off-Road	1.2889	11.1567	13.1071	0.0248		0.5366	0.5366		0.5144	0.5144						
Total	1.2889	11.1567	13.1071	0.0248	0.2657	0.5366	0.8023	0.0402	0.5144	0.5547						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

1360 Vine (Residential Option with Bungalows) - Construction Onsite Emissions

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0343	1.7540	0.3071	1.8900e-003	2.1700e-003	8.8000e-004	3.0500e-003	6.3000e-004	8.4000e-004	1.4700e-003						
Worker	0.0223	6.5800e-003	0.1016	7.0000e-005	2.1500e-003	1.7000e-004	2.3200e-003	6.0000e-004	1.6000e-004	7.6000e-004						
Total	0.0566	1.7605	0.4087	1.9600e-003	4.3200e-003	1.0500e-003	5.3700e-003	1.2300e-003	1.0000e-003	2.2300e-003						

3.3 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0956	0.0000	0.0956	0.0145	0.0000	0.0145						
Off-Road	1.6306	14.4364	15.8714	0.0347		0.6379	0.6379		0.6044	0.6044						
Total	1.6306	14.4364	15.8714	0.0347	0.0956	0.6379	0.7335	0.0145	0.6044	0.6189						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.2918	14.9087	2.6103	0.0161	0.0185	7.4500e-003	0.0259	5.3800e-003	7.1300e-003	0.0125						
Worker	0.0668	0.0198	0.3048	2.2000e-004	6.4400e-003	5.1000e-004	6.9500e-003	1.8000e-003	4.7000e-004	2.2700e-003						
Total	0.3586	14.9284	2.9151	0.0163	0.0249	7.9600e-003	0.0329	7.1800e-003	7.6000e-003	0.0148						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0373	0.0000	0.0373	5.6500e-003	0.0000	5.6500e-003						
Off-Road	1.6306	14.4364	15.8714	0.0347		0.6379	0.6379		0.6044	0.6044						
Total	1.6306	14.4364	15.8714	0.0347	0.0373	0.6379	0.6752	5.6500e-003	0.6044	0.6101						

Mitigated Construction Off-Site

1360 Vine (Residential Option with Bungalows) - Construction Onsite Emissions

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.2918	14.9087	2.6103	0.0161	0.0185	7.4500e-003	0.0259	5.3800e-003	7.1300e-003	0.0125						
Worker	0.0668	0.0198	0.3048	2.2000e-004	6.4400e-003	5.1000e-004	6.9500e-003	1.8000e-003	4.7000e-004	2.2700e-003						
Total	0.3586	14.9284	2.9151	0.0163	0.0249	7.9600e-003	0.0329	7.1800e-003	7.6000e-003	0.0148						

3.4 Mat Foundation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3396	19.9345	21.3704	0.0392		0.9791	0.9791		0.9580	0.9580						
Total	2.3396	19.9345	21.3704	0.0392		0.9791	0.9791		0.9580	0.9580						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3004	15.3472	2.6871	0.0166	0.0190	7.6700e-003	0.0267	5.5400e-003	7.3400e-003	0.0129						
Worker	0.0223	6.5800e-003	0.1016	7.0000e-005	2.1500e-003	1.7000e-004	2.3200e-003	6.0000e-004	1.6000e-004	7.6000e-004						
Total	0.3227	15.3538	2.7887	0.0166	0.0212	7.8400e-003	0.0290	6.1400e-003	7.5000e-003	0.0136						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3396	19.9345	21.3704	0.0392		0.9791	0.9791		0.9580	0.9580						
Total	2.3396	19.9345	21.3704	0.0392		0.9791	0.9791		0.9580	0.9580						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3004	15.3472	2.6871	0.0166	0.0190	7.6700e-003	0.0267	5.5400e-003	7.3400e-003	0.0129						
Worker	0.0223	6.5800e-003	0.1016	7.0000e-005	2.1500e-003	1.7000e-004	2.3200e-003	6.0000e-004	1.6000e-004	7.6000e-004						
Total	0.3227	15.3538	2.7887	0.0166	0.0212	7.8400e-003	0.0290	6.1400e-003	7.5000e-003	0.0136						

3.5 Foundation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Off-Road	2.3649	19.6920	21.0235	0.0370		0.9181	0.9181		0.8847	0.8847						
Total	2.3649	19.6920	21.0235	0.0370	0.0000	0.9181	0.9181	0.0000	0.8847	0.8847						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1717	8.7698	1.5355	9.4600e-003	0.0109	4.3800e-003	0.0152	3.1600e-003	4.1900e-003	7.3600e-003						
Worker	0.1558	0.0461	0.7111	5.1000e-004	0.0150	1.1900e-003	0.0162	4.2100e-003	1.0900e-003	5.3000e-003						
Total	0.3275	8.8159	2.2466	9.9700e-003	0.0259	5.5700e-003	0.0315	7.3700e-003	5.2800e-003	0.0127						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Off-Road	2.3649	19.6920	21.0235	0.0370		0.9181	0.9181		0.8847	0.8847						

1360 Vine (Residential Option with Bungalows) - Construction Onsite Emissions

Total	2.3649	19.6920	21.0235	0.0370	0.0000	0.9181	0.9181	0.0000	0.8847	0.8847						
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1717	8.7698	1.5355	9.4600e-003	0.0109	4.3800e-003	0.0152	3.1600e-003	4.1900e-003	7.3600e-003						
Worker	0.1558	0.0461	0.7111	5.1000e-004	0.0150	1.1900e-003	0.0162	4.2100e-003	1.0900e-003	5.3000e-003						
Total	0.3275	8.8159	2.2466	9.9700e-003	0.0259	5.5700e-003	0.0315	7.3700e-003	5.2800e-003	0.0127						

3.5 Foundation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Off-Road	2.2164	18.4534	20.8957	0.0370		0.8089	0.8089		0.7795	0.7795						
Total	2.2164	18.4534	20.8957	0.0370	0.0000	0.8089	0.8089	0.0000	0.7795	0.7795						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1203	7.4035	1.2838	8.9800e-003	0.0109	2.9900e-003	0.0138	3.1600e-003	2.8600e-003	6.0200e-003						
Worker	0.1434	0.0410	0.6438	4.9000e-004	0.0150	1.1700e-003	0.0162	4.2100e-003	1.0700e-003	5.2800e-003						
Total	0.2637	7.4444	1.9276	9.4700e-003	0.0259	4.1600e-003	0.0300	7.3700e-003	3.9300e-003	0.0113						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

1360 Vine (Residential Option with Bungalows) - Construction Onsite Emissions

Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Off-Road	2.2164	18.4534	20.8957	0.0370		0.8089	0.8089		0.7795	0.7795						
Total	2.2164	18.4534	20.8957	0.0370	0.0000	0.8089	0.8089	0.0000	0.7795	0.7795						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1203	7.4035	1.2838	8.9800e-003	0.0109	2.9900e-003	0.0138	3.1600e-003	2.8600e-003	6.0200e-003						
Worker	0.1434	0.0410	0.6438	4.9000e-004	0.0150	1.1700e-003	0.0162	4.2100e-003	1.0700e-003	5.2800e-003						
Total	0.2637	7.4444	1.9276	9.4700e-003	0.0259	4.1600e-003	0.0300	7.3700e-003	3.9300e-003	0.0113						

3.6 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						
Total	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0325	1.4566	0.3989	1.4800e-003	3.5600e-003	5.0000e-004	4.0600e-003	1.1100e-003	4.8000e-004	1.5800e-003						
Worker	0.4097	0.1170	1.8393	1.3900e-003	0.0429	3.3300e-003	0.0463	0.0120	3.0600e-003	0.0151						
Total	0.4422	1.5736	2.2382	2.8700e-003	0.0465	3.8300e-003	0.0503	0.0131	3.5400e-003	0.0167						

Mitigated Construction On-Site

1360 Vine (Residential Option with Bungalows) - Construction Onsite Emissions

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						
Total	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0325	1.4566	0.3989	1.4800e-003	3.5600e-003	5.0000e-004	4.0600e-003	1.1100e-003	4.8000e-004	1.5800e-003						
Worker	0.4097	0.1170	1.8393	1.3900e-003	0.0429	3.3300e-003	0.0463	0.0120	3.0600e-003	0.0151						
Total	0.4422	1.5736	2.2382	2.8700e-003	0.0465	3.8300e-003	0.0503	0.0131	3.5400e-003	0.0167						

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						
Total	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0309	1.4504	0.3792	1.4700e-003	3.5600e-003	4.5000e-004	4.0100e-003	1.1100e-003	4.3000e-004	1.5400e-003						
Worker	0.3788	0.1046	1.6804	1.3400e-003	0.0429	3.2800e-003	0.0462	0.0120	3.0200e-003	0.0150						
Total	0.4097	1.5550	2.0596	2.8100e-003	0.0465	3.7300e-003	0.0502	0.0131	3.4500e-003	0.0166						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						
Total	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0309	1.4504	0.3792	1.4700e-003	3.5600e-003	4.5000e-004	4.0100e-003	1.1100e-003	4.3000e-004	1.5400e-003						
Worker	0.3788	0.1046	1.6804	1.3400e-003	0.0429	3.2800e-003	0.0462	0.0120	3.0200e-003	0.0150						
Total	0.4097	1.5550	2.0596	2.8100e-003	0.0465	3.7300e-003	0.0502	0.0131	3.4500e-003	0.0166						

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						
Total	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0297	1.4437	0.3643	1.4500e-003	3.5600e-003	4.2000e-004	3.9800e-003	1.1100e-003	4.0000e-004	1.5000e-003						
Worker	0.3521	0.0940	1.5401	1.2900e-003	0.0429	3.2400e-003	0.0462	0.0120	2.9800e-003	0.0150						

1360 Vine (Residential Option with Bungalows) - Construction Onsite Emissions

Total	0.3818	1.5377	1.9044	2.7400e-003	0.0465	3.6600e-003	0.0501	0.0131	3.3800e-003	0.0165						
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						
Total	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0297	1.4437	0.3643	1.4500e-003	3.5600e-003	4.2000e-004	3.9800e-003	1.1100e-003	4.0000e-004	1.5000e-003						
Worker	0.3521	0.0940	1.5401	1.2900e-003	0.0429	3.2400e-003	0.0462	0.0120	2.9800e-003	0.0150						
Total	0.3818	1.5377	1.9044	2.7400e-003	0.0465	3.6600e-003	0.0501	0.0131	3.3800e-003	0.0165						

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	37.8961					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total	37.8961	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

1360 Vine (Residential Option with Bungalows) - Construction Onsite Emissions

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	37.8961					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total	37.8961	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	37.8961					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total	37.8961	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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1360 Vine (Residential Option with Bungalows) - Construction Onsite Emissions

Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	37.8961					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total	37.8961	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

3.8 Paving - 2025

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824						
Paving	0.0000					0.0000	0.0000		0.0000	0.0000						
Total	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824						

Unmitigated Construction Off-Site

1360 Vine (Residential Option with Bungalows) - Construction Onsite Emissions

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0297	1.4437	0.3643	1.4500e-003	3.5600e-003	4.2000e-004	3.9800e-003	1.1100e-003	4.0000e-004	1.5000e-003						
Worker	0.0352	9.4000e-003	0.1540	1.3000e-004	4.2900e-003	3.2000e-004	4.6200e-003	1.2000e-003	3.0000e-004	1.5000e-003						
Total	0.0649	1.4531	0.5183	1.5800e-003	7.8500e-003	7.4000e-004	8.6000e-003	2.3100e-003	7.0000e-004	3.0000e-003						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824						
Paving	0.0000					0.0000	0.0000		0.0000	0.0000						
Total	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0297	1.4437	0.3643	1.4500e-003	3.5600e-003	4.2000e-004	3.9800e-003	1.1100e-003	4.0000e-004	1.5000e-003						
Worker	0.0352	9.4000e-003	0.1540	1.3000e-004	4.2900e-003	3.2000e-004	4.6200e-003	1.2000e-003	3.0000e-004	1.5000e-003						
Total	0.0649	1.4531	0.5183	1.5800e-003	7.8500e-003	7.4000e-004	8.6000e-003	2.3100e-003	7.0000e-004	3.0000e-003						

1360 N.Vine-Residential Option with Restaurant (Onsite) - Los Angeles-South Coast County, Winter

**1360 N.Vine-Residential Option with Restaurant (Onsite)
Los Angeles-South Coast County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Enclosed Parking with Elevator	764.00	Space	6.88	305,600.00	0
High Turnover (Sit Down Restaurant)	8.99	1000sqft	0.21	8,990.00	0
Apartments High Rise	429.00	Dwelling Unit	6.92	415,433.00	1227
Strip Mall	5.00	1000sqft	0.11	5,000.00	0
Supermarket	55.00	1000sqft	1.26	55,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	616	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP SB100 Carbon Intensity (Year 2025) - 616 lbs/MWh

Land Use - User Defined Commercial = Project VMT

Construction Phase - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Trips and VMT - Site Specific. Haul truck trips were included in vendor as peak daily. The vehicle class was modified to be HHDT with a one-way trip

Demolition -

Grading -

Architectural Coating -

Woodstoves - No Hearth

Area Coating -

Energy Use - see assumptions

Construction Off-road Equipment Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation - City of LA Waste Diversion Rate 76.4%

Fleet Mix -

Stationary Sources - Emergency Generators and Fire Pumps -

1360 Vine (Residential Option with Restaurant) - Construction Onsite Emissions

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	87.00
tblConstructionPhase	NumDays	300.00	4.00
tblConstructionPhase	NumDays	300.00	635.00
tblConstructionPhase	NumDays	20.00	54.00
tblConstructionPhase	NumDays	30.00	168.00
tblConstructionPhase	NumDays	20.00	27.00
tblConstructionPhase	NumDays	10.00	131.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblEnergyUse	T24E	3.92	0.46
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	364.65	0.00
tblFireplaces	NumberNoFireplace	42.90	0.00
tblFireplaces	NumberWood	21.45	0.00
tblGrading	MaterialExported	0.00	142,000.00
tblLandUse	LandUseSquareFeet	429,000.00	415,433.00
tblWoodstoves	NumberCatalytic	21.45	0.00
tblWoodstoves	NumberNoncatalytic	21.45	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.4968	14.8050	13.6583	0.0267	0.6855	0.6449	1.3304	0.1044	0.6172	0.7216						
2022	5.3547	63.7962	47.4292	0.1028	0.6855	0.9869	1.9576	0.1044	0.9655	1.8690						
2023	3.1785	25.8978	28.3505	0.0483	0.0465	0.9999	1.0464	0.0131	0.9752	0.9883						
2024	41.1929	21.9055	28.0584	0.0482	0.0465	0.8792	0.9257	0.0131	0.8569	0.8701						
2025	41.8107	29.5195	40.2484	0.0675	0.0543	1.0744	1.1288	0.0155	1.0309	1.0463						
Maximum	41.8107	63.7962	47.4292	0.1028	0.6855	1.0744	1.9576	0.1044	1.0309	1.8690						

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.4968	14.8050	13.6583	0.0267	0.2700	0.6449	0.9148	0.0415	0.6172	0.6586						
2022	5.3547	63.7962	47.4292	0.1028	0.2700	0.9869	1.9576	0.0415	0.9655	1.8690						
2023	3.1785	25.8978	28.3505	0.0483	0.0465	0.9999	1.0464	0.0131	0.9752	0.9883						
2024	41.1929	21.9055	28.0584	0.0482	0.0465	0.8792	0.9257	0.0131	0.8569	0.8701						
2025	41.8107	29.5195	40.2484	0.0675	0.0543	1.0744	1.1288	0.0155	1.0309	1.0463						
Maximum	41.8107	63.7962	47.4292	0.1028	0.2700	1.0744	1.9576	0.0415	1.0309	1.8690						

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	54.74	0.00	6.50	50.24	0.00	1.14	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/16/2021	2/16/2022	6	54	
2	Grading	Grading	2/17/2022	8/31/2022	6	168	
3	Mat Foundation	Building Construction	9/1/2022	9/6/2022	6	4	
4	Foundation	Site Preparation	9/7/2022	1/31/2023	6	131	
5	Building Construction	Building Construction	2/1/2023	2/10/2025	6	635	
6	Architectural Coating	Architectural Coating	11/1/2024	2/10/2025	6	87	
7	Paving	Paving	1/10/2025	2/10/2025	6	27	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 6.88

Residential Indoor: 841,252; Residential Outdoor: 280,417; Non-Residential Indoor: 103,485; Non-Residential Outdoor: 34,495; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Air Compressors	1	8.00	78	0.48
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	1	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	221	0.50

1360 Vine (Residential Option with Restaurant) - Construction Onsite Emissions

Grading	Cranes	1	8.00	231	0.29
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Pumps	1	8.00	84	0.74
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Welders	1	8.00	46	0.45
Mat Foundation	Cement and Mortar Mixers	2	8.00	9	0.56
Mat Foundation	Cranes	1	8.00	231	0.29
Mat Foundation	Forklifts	0	8.00	89	0.20
Mat Foundation	Generator Sets	0	8.00	84	0.74
Mat Foundation	Pumps	4	8.00	84	0.74
Mat Foundation	Rubber Tired Dozers	0	8.00	247	0.40
Mat Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Mat Foundation	Welders	1	8.00	46	0.45
Foundation	Cement and Mortar Mixers	2	8.00	9	0.56
Foundation	Concrete/Industrial Saws	1	8.00	81	0.73
Foundation	Cranes	1	8.00	231	0.29
Foundation	Forklifts	2	8.00	89	0.20
Foundation	Plate Compactors	4	8.00	8	0.43
Foundation	Pumps	1	8.00	84	0.74
Foundation	Rough Terrain Forklifts	2	8.00	100	0.40
Foundation	Rubber Tired Dozers	0	8.00	247	0.40
Foundation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Foundation	Welders	2	8.00	46	0.45
Building Construction	Aerial Lifts	3	8.00	63	0.31
Building Construction	Air Compressors	3	8.00	78	0.48
Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Building Construction	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Plate Compactors	2	8.00	8	0.43
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	2	8.00	46	0.45
Architectural Coating	Air Compressors	0	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	0	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	8.00	80	0.38
Paving	Skid Steer Loaders	2	8.00	65	0.37
Paving	Tractors/Loaders/Backhoes	2	8.00	97	0.37

Trips and VMT

1360 Vine (Residential Option with Restaurant) - Construction Onsite Emissions

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	25.00	20.00	0.00	0.10	0.10	0.10	LD_Mix	HHDT	HHDT
Grading	6	75.00	170.00	0.00	0.10	0.10	0.10	LD_Mix	HHDT	HHDT
Mat Foundation	9	25.00	175.00	0.00	0.10	0.10	0.10	LD_Mix	HHDT	HHDT
Foundation	15	175.00	100.00	0.00	0.10	0.10	0.10	LD_Mix	HHDT	HHDT
Building Construction	16	500.00	30.00	0.00	0.10	0.10	0.10	LD_Mix	HDT_Mix	HHDT
Architectural Coating	0	0.00	0.00	0.00	0.10	0.10	0.10	LD_Mix	HDT_Mix	HHDT
Paving	7	50.00	30.00	0.00	0.10	0.10	0.10	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6812	0.0000	0.6812	0.1031	0.0000	0.1031						
Off-Road	1.4362	12.9867	13.2282	0.0247		0.6436	0.6436		0.6160	0.6160						
Total	1.4362	12.9867	13.2282	0.0247	0.6812	0.6436	1.3248	0.1031	0.6160	0.7192						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0364	1.8108	0.3178	1.9100e-003	2.1700e-003	1.0500e-003	3.2200e-003	6.3000e-004	1.0000e-003	1.6300e-003						
Worker	0.0243	7.4500e-003	0.1124	7.0000e-005	2.1500e-003	1.7000e-004	2.3200e-003	6.0000e-004	1.6000e-004	7.6000e-004						
Total	0.0607	1.8183	0.4301	1.9800e-003	4.3200e-003	1.2200e-003	5.5400e-003	1.2300e-003	1.1600e-003	2.3900e-003						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2657	0.0000	0.2657	0.0402	0.0000	0.0402						
Off-Road	1.4362	12.9867	13.2282	0.0247		0.6436	0.6436		0.6160	0.6160						

1360 Vine (Residential Option with Restaurant) - Construction Onsite Emissions

Total	1.4362	12.9867	13.2282	0.0247	0.2657	0.6436	0.9093	0.0402	0.6160	0.6563						
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0364	1.8108	0.3178	1.9100e-003	2.1700e-003	1.0500e-003	3.2200e-003	6.3000e-004	1.0000e-003	1.6300e-003						
Worker	0.0243	7.4500e-003	0.1124	7.0000e-005	2.1500e-003	1.7000e-004	2.3200e-003	6.0000e-004	1.6000e-004	7.6000e-004						
Total	0.0607	1.8183	0.4301	1.9800e-003	4.3200e-003	1.2200e-003	5.5400e-003	1.2300e-003	1.1600e-003	2.3900e-003						

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6812	0.0000	0.6812	0.1031	0.0000	0.1031						
Off-Road	1.2889	11.1567	13.1071	0.0248		0.5366	0.5366		0.5144	0.5144						
Total	1.2889	11.1567	13.1071	0.0248	0.6812	0.5366	1.2178	0.1031	0.5144	0.6176						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0343	1.7540	0.3071	1.8900e-003	2.1700e-003	8.8000e-004	3.0500e-003	6.3000e-004	8.4000e-004	1.4700e-003						
Worker	0.0223	6.5800e-003	0.1016	7.0000e-005	2.1500e-003	1.7000e-004	2.3200e-003	6.0000e-004	1.6000e-004	7.6000e-004						
Total	0.0566	1.7605	0.4087	1.9600e-003	4.3200e-003	1.0500e-003	5.3700e-003	1.2300e-003	1.0000e-003	2.2300e-003						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

1360 Vine (Residential Option with Restaurant) - Construction Onsite Emissions

Fugitive Dust					0.2657	0.0000	0.2657	0.0402	0.0000	0.0402						
Off-Road	1.2889	11.1567	13.1071	0.0248		0.5366	0.5366		0.5144	0.5144						
Total	1.2889	11.1567	13.1071	0.0248	0.2657	0.5366	0.8023	0.0402	0.5144	0.5547						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0343	1.7540	0.3071	1.8900e-003	2.1700e-003	8.8000e-004	3.0500e-003	6.3000e-004	8.4000e-004	1.4700e-003						
Worker	0.0223	6.5800e-003	0.1016	7.0000e-005	2.1500e-003	1.7000e-004	2.3200e-003	6.0000e-004	1.6000e-004	7.6000e-004						
Total	0.0566	1.7605	0.4087	1.9600e-003	4.3200e-003	1.0500e-003	5.3700e-003	1.2300e-003	1.0000e-003	2.2300e-003						

3.3 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0956	0.0000	0.0956	0.0145	0.0000	0.0145						
Off-Road	1.6306	14.4364	15.8714	0.0347		0.6379	0.6379		0.6044	0.6044						
Total	1.6306	14.4364	15.8714	0.0347	0.0956	0.6379	0.7335	0.0145	0.6044	0.6189						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.2918	14.9087	2.6103	0.0161	0.0185	7.4500e-003	0.0259	5.3800e-003	7.1300e-003	0.0125						
Worker	0.0668	0.0198	0.3048	2.2000e-004	6.4400e-003	5.1000e-004	6.9500e-003	1.8000e-003	4.7000e-004	2.2700e-003						
Total	0.3586	14.9284	2.9151	0.0163	0.0249	7.9600e-003	0.0329	7.1800e-003	7.6000e-003	0.0148						

Mitigated Construction On-Site

1360 Vine (Residential Option with Restaurant) - Construction Onsite Emissions

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0373	0.0000	0.0373	5.6500e-003	0.0000	5.6500e-003						
Off-Road	1.6306	14.4364	15.8714	0.0347		0.6379	0.6379		0.6044	0.6044						
Total	1.6306	14.4364	15.8714	0.0347	0.0373	0.6379	0.6752	5.6500e-003	0.6044	0.6101						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.2918	14.9087	2.6103	0.0161	0.0185	7.4500e-003	0.0259	5.3800e-003	7.1300e-003	0.0125						
Worker	0.0668	0.0198	0.3048	2.2000e-004	6.4400e-003	5.1000e-004	6.9500e-003	1.8000e-003	4.7000e-004	2.2700e-003						
Total	0.3586	14.9284	2.9151	0.0163	0.0249	7.9600e-003	0.0329	7.1800e-003	7.6000e-003	0.0148						

3.4 Mat Foundation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3396	19.9345	21.3704	0.0392		0.9791	0.9791		0.9580	0.9580						
Total	2.3396	19.9345	21.3704	0.0392		0.9791	0.9791		0.9580	0.9580						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3004	15.3472	2.6871	0.0166	0.0190	7.6700e-003	0.0267	5.5400e-003	7.3400e-003	0.0129						
Worker	0.0223	6.5800e-003	0.1016	7.0000e-005	2.1500e-003	1.7000e-004	2.3200e-003	6.0000e-004	1.6000e-004	7.6000e-004						
Total	0.3227	15.3538	2.7887	0.0166	0.0212	7.8400e-003	0.0290	6.1400e-003	7.5000e-003	0.0136						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3396	19.9345	21.3704	0.0392		0.9791	0.9791		0.9580	0.9580						
Total	2.3396	19.9345	21.3704	0.0392		0.9791	0.9791		0.9580	0.9580						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3004	15.3472	2.6871	0.0166	0.0190	7.6700e-003	0.0267	5.5400e-003	7.3400e-003	0.0129						
Worker	0.0223	6.5800e-003	0.1016	7.0000e-005	2.1500e-003	1.7000e-004	2.3200e-003	6.0000e-004	1.6000e-004	7.6000e-004						
Total	0.3227	15.3538	2.7887	0.0166	0.0212	7.8400e-003	0.0290	6.1400e-003	7.5000e-003	0.0136						

3.5 Foundation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Off-Road	2.3649	19.6920	21.0235	0.0370		0.9181	0.9181		0.8847	0.8847						
Total	2.3649	19.6920	21.0235	0.0370	0.0000	0.9181	0.9181	0.0000	0.8847	0.8847						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1717	8.7698	1.5355	9.4600e-003	0.0109	4.3800e-003	0.0152	3.1600e-003	4.1900e-003	7.3600e-003						
Worker	0.1558	0.0461	0.7111	5.1000e-004	0.0150	1.1900e-003	0.0162	4.2100e-003	1.0900e-003	5.3000e-003						

1360 Vine (Residential Option with Restaurant) - Construction Onsite Emissions

Total	0.3275	8.8159	2.2466	9.9700e-003	0.0259	5.5700e-003	0.0315	7.3700e-003	5.2800e-003	0.0127						
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Off-Road	2.3649	19.6920	21.0235	0.0370		0.9181	0.9181		0.8847	0.8847						
Total	2.3649	19.6920	21.0235	0.0370	0.0000	0.9181	0.9181	0.0000	0.8847	0.8847						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1717	8.7698	1.5355	9.4600e-003	0.0109	4.3800e-003	0.0152	3.1600e-003	4.1900e-003	7.3600e-003						
Worker	0.1558	0.0461	0.7111	5.1000e-004	0.0150	1.1900e-003	0.0162	4.2100e-003	1.0900e-003	5.3000e-003						
Total	0.3275	8.8159	2.2466	9.9700e-003	0.0259	5.5700e-003	0.0315	7.3700e-003	5.2800e-003	0.0127						

3.5 Foundation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Off-Road	2.2164	18.4534	20.8957	0.0370		0.8089	0.8089		0.7795	0.7795						
Total	2.2164	18.4534	20.8957	0.0370	0.0000	0.8089	0.8089	0.0000	0.7795	0.7795						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

1360 Vine (Residential Option with Restaurant) - Construction Onsite Emissions

Vendor	0.1203	7.4035	1.2838	8.9800e-003	0.0109	2.9900e-003	0.0138	3.1600e-003	2.8600e-003	6.0200e-003						
Worker	0.1434	0.0410	0.6438	4.9000e-004	0.0150	1.1700e-003	0.0162	4.2100e-003	1.0700e-003	5.2800e-003						
Total	0.2637	7.4444	1.9276	9.4700e-003	0.0259	4.1600e-003	0.0300	7.3700e-003	3.9300e-003	0.0113						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Off-Road	2.2164	18.4534	20.8957	0.0370		0.8089	0.8089		0.7795	0.7795						
Total	2.2164	18.4534	20.8957	0.0370	0.0000	0.8089	0.8089	0.0000	0.7795	0.7795						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1203	7.4035	1.2838	8.9800e-003	0.0109	2.9900e-003	0.0138	3.1600e-003	2.8600e-003	6.0200e-003						
Worker	0.1434	0.0410	0.6438	4.9000e-004	0.0150	1.1700e-003	0.0162	4.2100e-003	1.0700e-003	5.2800e-003						
Total	0.2637	7.4444	1.9276	9.4700e-003	0.0259	4.1600e-003	0.0300	7.3700e-003	3.9300e-003	0.0113						

3.6 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						
Total	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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1360 Vine (Residential Option with Restaurant) - Construction Onsite Emissions

Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0325	1.4566	0.3989	1.4800e-003	3.5600e-003	5.0000e-004	4.0600e-003	1.1100e-003	4.8000e-004	1.5800e-003							
Worker	0.4097	0.1170	1.8393	1.3900e-003	0.0429	3.3300e-003	0.0463	0.0120	3.0600e-003	0.0151							
Total	0.4422	1.5736	2.2382	2.8700e-003	0.0465	3.8300e-003	0.0503	0.0131	3.5400e-003	0.0167							

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						
Total	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0325	1.4566	0.3989	1.4800e-003	3.5600e-003	5.0000e-004	4.0600e-003	1.1100e-003	4.8000e-004	1.5800e-003						
Worker	0.4097	0.1170	1.8393	1.3900e-003	0.0429	3.3300e-003	0.0463	0.0120	3.0600e-003	0.0151						
Total	0.4422	1.5736	2.2382	2.8700e-003	0.0465	3.8300e-003	0.0503	0.0131	3.5400e-003	0.0167						

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						
Total	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						

Unmitigated Construction Off-Site

1360 Vine (Residential Option with Restaurant) - Construction Onsite Emissions

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0309	1.4504	0.3792	1.4700e-003	3.5600e-003	4.5000e-004	4.0100e-003	1.1100e-003	4.3000e-004	1.5400e-003						
Worker	0.3788	0.1046	1.6804	1.3400e-003	0.0429	3.2800e-003	0.0462	0.0120	3.0200e-003	0.0150						
Total	0.4097	1.5550	2.0596	2.8100e-003	0.0465	3.7300e-003	0.0502	0.0131	3.4500e-003	0.0166						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						
Total	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0309	1.4504	0.3792	1.4700e-003	3.5600e-003	4.5000e-004	4.0100e-003	1.1100e-003	4.3000e-004	1.5400e-003						
Worker	0.3788	0.1046	1.6804	1.3400e-003	0.0429	3.2800e-003	0.0462	0.0120	3.0200e-003	0.0150						
Total	0.4097	1.5550	2.0596	2.8100e-003	0.0465	3.7300e-003	0.0502	0.0131	3.4500e-003	0.0166						

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						
Total	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0297	1.4437	0.3643	1.4500e-003	3.5600e-003	4.2000e-004	3.9800e-003	1.1100e-003	4.0000e-004	1.5000e-003						
Worker	0.3521	0.0940	1.5401	1.2900e-003	0.0429	3.2400e-003	0.0462	0.0120	2.9800e-003	0.0150						
Total	0.3818	1.5377	1.9044	2.7400e-003	0.0465	3.6600e-003	0.0501	0.0131	3.3800e-003	0.0165						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						
Total	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0297	1.4437	0.3643	1.4500e-003	3.5600e-003	4.2000e-004	3.9800e-003	1.1100e-003	4.0000e-004	1.5000e-003						
Worker	0.3521	0.0940	1.5401	1.2900e-003	0.0429	3.2400e-003	0.0462	0.0120	2.9800e-003	0.0150						
Total	0.3818	1.5377	1.9044	2.7400e-003	0.0465	3.6600e-003	0.0501	0.0131	3.3800e-003	0.0165						

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	38.2068					0.0000	0.0000		0.0000	0.0000						

1360 Vine (Residential Option with Restaurant) - Construction Onsite Emissions

Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total	38.2068	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	38.2068					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total	38.2068	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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1360 Vine (Residential Option with Restaurant) - Construction Onsite Emissions

Category	lb/day										lb/day					
Archit. Coating	38.2068					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total	38.2068	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	38.2068					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Total	38.2068	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

3.8 Paving - 2025

Unmitigated Construction On-Site

1360 Vine (Residential Option with Restaurant) - Construction Onsite Emissions

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824						
Paving	0.0000					0.0000	0.0000		0.0000	0.0000						
Total	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0297	1.4437	0.3643	1.4500e-003	3.5600e-003	4.2000e-004	3.9800e-003	1.1100e-003	4.0000e-004	1.5000e-003						
Worker	0.0352	9.4000e-003	0.1540	1.3000e-004	4.2900e-003	3.2000e-004	4.6200e-003	1.2000e-003	3.0000e-004	1.5000e-003						
Total	0.0649	1.4531	0.5183	1.5800e-003	7.8500e-003	7.4000e-004	8.6000e-003	2.3100e-003	7.0000e-004	3.0000e-003						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824						
Paving	0.0000					0.0000	0.0000		0.0000	0.0000						
Total	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0297	1.4437	0.3643	1.4500e-003	3.5600e-003	4.2000e-004	3.9800e-003	1.1100e-003	4.0000e-004	1.5000e-003						
Worker	0.0352	9.4000e-003	0.1540	1.3000e-004	4.2900e-003	3.2000e-004	4.6200e-003	1.2000e-003	3.0000e-004	1.5000e-003						
Total	0.0649	1.4531	0.5183	1.5800e-003	7.8500e-003	7.4000e-004	8.6000e-003	2.3100e-003	7.0000e-004	3.0000e-003						

1360 N.Vine-Construction (Onsite) - Office Option with Bungalows - Los Angeles-South Coast County, Winter

**1360 N.Vine-Construction (Onsite) - Office Option with Bungalows
Los Angeles-South Coast County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	463.52	1000sqft	10.64	463,521.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Enclosed Parking with Elevator	1,705.00	Space	15.34	682,000.00	0
Quality Restaurant	11.91	1000sqft	0.27	11,914.00	0
Single Family Housing	12.00	Dwelling Unit	3.90	8,998.00	34

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	616	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP SB100 Carbon Intensity (Year 2025) - 616 lbs/MWh

Land Use - See Project Description

User Defined Commercial - Business Trip

Construction Phase - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - see assumptions

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - see construction assumptions

Off-road Equipment - Site Specific

Trips and VMT - Site Specific. Haul truck trips were included in vendor as peak daily. The vehicle class was modified to be HHDT with a one-way trip distance of 15.8 miles (Sabell Canyon Landfill)

Demolition -

Grading - see assumptions

Architectural Coating -

Woodstoves - No Wood Burning Fireplaces

Area Coating -

Energy Use - Adjustments for parking energy

Construction Off-road Equipment Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation - City of LA Waste Diversion Rate of 76.4%

Stationary Sources - Emergency Generators and Fire Pumps -

1360 Vine (Office Option with Bungalows) - Construction Onsite Emissions

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	35.00	166.00
tblConstructionPhase	NumDays	500.00	4.00
tblConstructionPhase	NumDays	500.00	224.00
tblConstructionPhase	NumDays	500.00	432.00
tblConstructionPhase	NumDays	30.00	54.00
tblConstructionPhase	NumDays	45.00	264.00
tblConstructionPhase	NumDays	35.00	27.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblEnergyUse	T24E	3.92	0.46
tblGrading	MaterialExported	0.00	321,060.00
tblLandUse	LandUseSquareFeet	463,520.00	463,521.00
tblLandUse	LandUseSquareFeet	11,910.00	11,914.00
tblLandUse	LandUseSquareFeet	21,600.00	8,998.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.4968	14.8050	13.6583	0.0267	0.6855	0.6449	1.3304	0.1044	0.6172	0.7216						
2022	2.4796	35.8194	22.8627	0.0622	0.6855	0.8383	1.2232	0.1044	0.7891	0.8178						
2023	3.1785	31.4815	28.3505	0.0550	0.0465	0.9999	1.0464	0.0131	0.9752	0.9883						
2024	31.1985	23.1243	29.8685	0.0512	0.0465	0.9402	0.9866	0.0131	0.9179	0.9310						
2025	31.8065	30.6650	42.0575	0.0705	0.0543	1.1260	1.1803	0.0155	1.0824	1.0978						
Maximum	31.8065	35.8194	42.0575	0.0705	0.6855	1.1260	1.3304	0.1044	1.0824	1.0978						

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.4968	14.8050	13.6583	0.0267	0.2700	0.6449	0.9148	0.0415	0.6172	0.6586						

1360 Vine (Office Option with Bungalows) - Construction Onsite Emissions

2022	2.4796	35.8194	22.8627	0.0622	0.2700	0.8383	0.9190	0.0415	0.7891	0.8050						
2023	3.1785	31.4815	28.3505	0.0550	0.0465	0.9999	1.0464	0.0131	0.9752	0.9883						
2024	31.1985	23.1243	29.8685	0.0512	0.0465	0.9402	0.9866	0.0131	0.9179	0.9310						
2025	31.8065	30.6650	42.0575	0.0705	0.0543	1.1260	1.1803	0.0155	1.0824	1.0978						
Maximum	31.8065	35.8194	42.0575	0.0705	0.2700	1.1260	1.1803	0.0415	1.0824	1.0978						
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	54.74	0.00	12.48	50.24	0.00	1.66	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/16/2021	2/16/2022	6	54	
2	Grading	Grading	2/17/2022	12/21/2022	6	264	
3	Mat Foundation	Building Construction	1/3/2023	1/6/2023	6	4	
4	Building Foundation and	Building Construction	1/7/2023	9/25/2023	6	224	
5	Subgrade Building Construction	Building Construction	9/26/2023	2/10/2025	6	432	
6	Architectural Coating	Architectural Coating	8/1/2024	2/10/2025	6	166	
7	Paving	Paving	1/10/2025	2/10/2025	6	27	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 15.34

Residential Indoor: 18,221; Residential Outdoor: 6,074; Non-Residential Indoor: 713,153; Non-Residential Outdoor: 237,718; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Air Compressors	1	8.00	78	0.48
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	1	8.00	156	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	221	0.50
Grading	Cranes	1	8.00	231	0.29
Grading	Excavators	2	8.00	156	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Pumps	1	8.00	84	0.74
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Rubber Tired Loaders	1	8.00	203	0.36
Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Welders	1	8.00	46	0.45

1360 Vine (Office Option with Bungalows) - Construction Onsite Emissions

Mat Foundation	Cement and Mortar Mixers	2	8.00	9	0.56
Mat Foundation	Cranes	1	8.00	231	0.29
Mat Foundation	Forklifts	0	8.00	89	0.20
Mat Foundation	Generator Sets	0	8.00	84	0.74
Mat Foundation	Pumps	4	8.00	84	0.74
Mat Foundation	Rubber Tired Dozers	0	8.00	247	0.40
Mat Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Mat Foundation	Welders	1	8.00	46	0.45
Building Foundation and Subgrade	Cement and Mortar Mixers	2	8.00	9	0.56
Building Foundation and Subgrade	Concrete/Industrial Saws	1	8.00	81	0.73
Building Foundation and Subgrade	Cranes	1	8.00	231	0.29
Building Foundation and Subgrade	Forklifts	2	8.00	89	0.20
Building Foundation and Subgrade	Generator Sets	0	8.00	84	0.74
Building Foundation and Subgrade	Plate Compactors	4	8.00	8	0.43
Building Foundation and Subgrade	Pumps	1	8.00	84	0.74
Building Foundation and Subgrade	Rough Terrain Forklifts	2	8.00	100	0.40
Building Foundation and Subgrade	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Foundation and Subgrade	Welders	2	8.00	46	0.45
Building Construction	Aerial Lifts	3	8.00	63	0.31
Building Construction	Air Compressors	3	8.00	78	0.48
Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Building Construction	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Plate Compactors	2	8.00	8	0.43
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	2	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	0	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	8.00	80	0.38
Paving	Skid Steer Loaders	2	8.00	65	0.37
Paving	Tractors/Loaders/Backhoes	2	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	25.00	20.00	0.00	0.10	0.10	0.10	LD_Mix	HHDT	HHDT
Grading	8	75.00	190.00	0.00	0.10	0.10	0.10	LD_Mix	HHDT	HHDT
Mat Foundation	9	25.00	175.00	0.00	0.10	0.10	0.10	LD_Mix	HHDT	HHDT
Building Foundation and Subgrade	15	175.00	100.00	0.00	0.10	0.10	0.10	LD_Mix	HDT_Mix	HHDT
Building Construction	16	500.00	30.00	0.00	0.10	0.10	0.10	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	0.10	0.10	0.10	LD_Mix	HDT_Mix	HHDT
Paving	7	50.00	30.00	0.00	0.10	0.10	0.10	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					0.6812	0.0000	0.6812	0.1031	0.0000	0.1031							
Off-Road	1.4362	12.9867	13.2282	0.0247		0.6436	0.6436		0.6160	0.6160							
Total	1.4362	12.9867	13.2282	0.0247	0.6812	0.6436	1.3248	0.1031	0.6160	0.7192							

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000							
Vendor	0.0364	1.8108	0.3178	1.9100e-003	2.1700e-003	1.0500e-003	3.2200e-003	6.3000e-004	1.0000e-003	1.6300e-003							
Worker	0.0243	7.4500e-003	0.1124	7.0000e-005	2.1500e-003	1.7000e-004	2.3200e-003	6.0000e-004	1.6000e-004	7.6000e-004							
Total	0.0607	1.8183	0.4301	1.9800e-003	4.3200e-003	1.2200e-003	5.5400e-003	1.2300e-003	1.1600e-003	2.3900e-003							

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					0.2657	0.0000	0.2657	0.0402	0.0000	0.0402							
Off-Road	1.4362	12.9867	13.2282	0.0247		0.6436	0.6436		0.6160	0.6160							
Total	1.4362	12.9867	13.2282	0.0247	0.2657	0.6436	0.9093	0.0402	0.6160	0.6563							

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

1360 Vine (Office Option with Bungalows) - Construction Onsite Emissions

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0364	1.8108	0.3178	1.9100e-003	2.1700e-003	1.0500e-003	3.2200e-003	6.3000e-004	1.0000e-003	1.6300e-003						
Worker	0.0243	7.4500e-003	0.1124	7.0000e-005	2.1500e-003	1.7000e-004	2.3200e-003	6.0000e-004	1.6000e-004	7.6000e-004						
Total	0.0607	1.8183	0.4301	1.9800e-003	4.3200e-003	1.2200e-003	5.5400e-003	1.2300e-003	1.1600e-003	2.3900e-003						

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6812	0.0000	0.6812	0.1031	0.0000	0.1031						
Off-Road	1.2889	11.1567	13.1071	0.0248		0.5366	0.5366		0.5144	0.5144						
Total	1.2889	11.1567	13.1071	0.0248	0.6812	0.5366	1.2178	0.1031	0.5144	0.6176						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0343	1.7540	0.3071	1.8900e-003	2.1700e-003	8.8000e-004	3.0500e-003	6.3000e-004	8.4000e-004	1.4700e-003						
Worker	0.0223	6.5800e-003	0.1016	7.0000e-005	2.1500e-003	1.7000e-004	2.3200e-003	6.0000e-004	1.6000e-004	7.6000e-004						
Total	0.0566	1.7605	0.4087	1.9600e-003	4.3200e-003	1.0500e-003	5.3700e-003	1.2300e-003	1.0000e-003	2.2300e-003						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2657	0.0000	0.2657	0.0402	0.0000	0.0402						
Off-Road	1.2889	11.1567	13.1071	0.0248		0.5366	0.5366		0.5144	0.5144						
Total	1.2889	11.1567	13.1071	0.0248	0.2657	0.5366	0.8023	0.0402	0.5144	0.5547						

Mitigated Construction Off-Site

1360 Vine (Office Option with Bungalows) - Construction Onsite Emissions

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0343	1.7540	0.3071	1.8900e-003	2.1700e-003	8.8000e-004	3.0500e-003	6.3000e-004	8.4000e-004	1.4700e-003						
Worker	0.0223	6.5800e-003	0.1016	7.0000e-005	2.1500e-003	1.7000e-004	2.3200e-003	6.0000e-004	1.6000e-004	7.6000e-004						
Total	0.0566	1.7605	0.4087	1.9600e-003	4.3200e-003	1.0500e-003	5.3700e-003	1.2300e-003	1.0000e-003	2.2300e-003						

3.3 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1375	0.0000	0.1375	0.0208	0.0000	0.0208						
Off-Road	2.0867	19.1370	19.6406	0.0441		0.8295	0.8295		0.7807	0.7807						
Total	2.0867	19.1370	19.6406	0.0441	0.1375	0.8295	0.9670	0.0208	0.7807	0.8015						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3261	16.6627	2.9174	0.0180	0.0206	8.3300e-003	0.0290	6.0100e-003	7.9700e-003	0.0140						
Worker	0.0668	0.0198	0.3048	2.2000e-004	6.4400e-003	5.1000e-004	6.9500e-003	1.8000e-003	4.7000e-004	2.2700e-003						
Total	0.3929	16.6824	3.2221	0.0182	0.0271	8.8400e-003	0.0359	7.8100e-003	8.4400e-003	0.0163						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0536	0.0000	0.0536	8.1200e-003	0.0000	8.1200e-003						
Off-Road	2.0867	19.1370	19.6406	0.0441		0.8295	0.8295		0.7807	0.7807						
Total	2.0867	19.1370	19.6406	0.0441	0.0536	0.8295	0.8831	8.1200e-003	0.7807	0.7888						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3261	16.6627	2.9174	0.0180	0.0206	8.3300e-003	0.0290	6.0100e-003	7.9700e-003	0.0140						
Worker	0.0668	0.0198	0.3048	2.2000e-004	6.4400e-003	5.1000e-004	6.9500e-003	1.8000e-003	4.7000e-004	2.2700e-003						
Total	0.3929	16.6824	3.2221	0.0182	0.0271	8.8400e-003	0.0359	7.8100e-003	8.4400e-003	0.0163						

3.4 Mat Foundation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1859	18.5195	21.2615	0.0392		0.8583	0.8583		0.8395	0.8395						
Total	2.1859	18.5195	21.2615	0.0392		0.8583	0.8583		0.8395	0.8395						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.2105	12.9561	2.2467	0.0157	0.0190	5.2300e-003	0.0242	5.5400e-003	5.0000e-003	0.0105						
Worker	0.0205	5.8500e-003	0.0920	7.0000e-005	2.1500e-003	1.7000e-004	2.3100e-003	6.0000e-004	1.5000e-004	7.5000e-004						
Total	0.2310	12.9620	2.3386	0.0158	0.0212	5.4000e-003	0.0265	6.1400e-003	5.1500e-003	0.0113						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1859	18.5195	21.2615	0.0392		0.8583	0.8583		0.8395	0.8395						
Total	2.1859	18.5195	21.2615	0.0392		0.8583	0.8583		0.8395	0.8395						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.2105	12.9561	2.2467	0.0157	0.0190	5.2300e-003	0.0242	5.5400e-003	5.0000e-003	0.0105						
Worker	0.0205	5.8500e-003	0.0920	7.0000e-005	2.1500e-003	1.7000e-004	2.3100e-003	6.0000e-004	1.5000e-004	7.5000e-004						
Total	0.2310	12.9620	2.3386	0.0158	0.0212	5.4000e-003	0.0265	6.1400e-003	5.1500e-003	0.0113						

3.5 Building Foundation and Subgrade - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2164	18.4534	20.8957	0.0370		0.8089	0.8089		0.7795	0.7795						
Total	2.2164	18.4534	20.8957	0.0370		0.8089	0.8089		0.7795	0.7795						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1082	4.8552	1.3298	4.9400e-003	0.0119	1.6600e-003	0.0135	3.6900e-003	1.5800e-003	5.2800e-003						
Worker	0.1434	0.0410	0.6438	4.9000e-004	0.0150	1.1700e-003	0.0162	4.2100e-003	1.0700e-003	5.2800e-003						
Total	0.2516	4.8962	1.9736	5.4300e-003	0.0269	2.8300e-003	0.0297	7.9000e-003	2.6500e-003	0.0106						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

1360 Vine (Office Option with Bungalows) - Construction Onsite Emissions

Off-Road	2.2164	18.4534	20.8957	0.0370		0.8089	0.8089		0.7795	0.7795						
Total	2.2164	18.4534	20.8957	0.0370		0.8089	0.8089		0.7795	0.7795						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1082	4.8552	1.3298	4.9400e-003	0.0119	1.6600e-003	0.0135	3.6900e-003	1.5800e-003	5.2800e-003						
Worker	0.1434	0.0410	0.6438	4.9000e-004	0.0150	1.1700e-003	0.0162	4.2100e-003	1.0700e-003	5.2800e-003						
Total	0.2516	4.8962	1.9736	5.4300e-003	0.0269	2.8300e-003	0.0297	7.9000e-003	2.6500e-003	0.0106						

3.6 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						
Total	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0325	1.4566	0.3989	1.4800e-003	3.5600e-003	5.0000e-004	4.0600e-003	1.1100e-003	4.8000e-004	1.5800e-003						
Worker	0.4097	0.1170	1.8393	1.3900e-003	0.0429	3.3300e-003	0.0463	0.0120	3.0600e-003	0.0151						
Total	0.4422	1.5736	2.2382	2.8700e-003	0.0465	3.8300e-003	0.0503	0.0131	3.5400e-003	0.0167						

Mitigated Construction On-Site

1360 Vine (Office Option with Bungalows) - Construction Onsite Emissions

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						
Total	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0325	1.4566	0.3989	1.4800e-003	3.5600e-003	5.0000e-004	4.0600e-003	1.1100e-003	4.8000e-004	1.5800e-003						
Worker	0.4097	0.1170	1.8393	1.3900e-003	0.0429	3.3300e-003	0.0463	0.0120	3.0600e-003	0.0151						
Total	0.4422	1.5736	2.2382	2.8700e-003	0.0465	3.8300e-003	0.0503	0.0131	3.5400e-003	0.0167						

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						
Total	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0309	1.4504	0.3792	1.4700e-003	3.5600e-003	4.5000e-004	4.0100e-003	1.1100e-003	4.3000e-004	1.5400e-003						
Worker	0.3788	0.1046	1.6804	1.3400e-003	0.0429	3.2800e-003	0.0462	0.0120	3.0200e-003	0.0150						
Total	0.4097	1.5550	2.0596	2.8100e-003	0.0465	3.7300e-003	0.0502	0.0131	3.4500e-003	0.0166						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						
Total	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0309	1.4504	0.3792	1.4700e-003	3.5600e-003	4.5000e-004	4.0100e-003	1.1100e-003	4.3000e-004	1.5400e-003						
Worker	0.3788	0.1046	1.6804	1.3400e-003	0.0429	3.2800e-003	0.0462	0.0120	3.0200e-003	0.0150						
Total	0.4097	1.5550	2.0596	2.8100e-003	0.0465	3.7300e-003	0.0502	0.0131	3.4500e-003	0.0166						

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						
Total	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0297	1.4437	0.3643	1.4500e-003	3.5600e-003	4.2000e-004	3.9800e-003	1.1100e-003	4.0000e-004	1.5000e-003						
Worker	0.3521	0.0940	1.5401	1.2900e-003	0.0429	3.2400e-003	0.0462	0.0120	2.9800e-003	0.0150						

1360 Vine (Office Option with Bungalows) - Construction Onsite Emissions

Total	0.3818	1.5377	1.9044	2.7400e-003	0.0465	3.6600e-003	0.0501	0.0131	3.3800e-003	0.0165						
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						
Total	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0297	1.4437	0.3643	1.4500e-003	3.5600e-003	4.2000e-004	3.9800e-003	1.1100e-003	4.0000e-004	1.5000e-003						
Worker	0.3521	0.0940	1.5401	1.2900e-003	0.0429	3.2400e-003	0.0462	0.0120	2.9800e-003	0.0150						
Total	0.3818	1.5377	1.9044	2.7400e-003	0.0465	3.6600e-003	0.0501	0.0131	3.3800e-003	0.0165						

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	28.0317					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609						
Total	28.2124	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

1360 Vine (Office Option with Bungalows) - Construction Onsite Emissions

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	28.0317					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609						
Total	28.2124	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	28.0317					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	28.2025	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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1360 Vine (Office Option with Bungalows) - Construction Onsite Emissions

Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	28.0317					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	28.2025	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Mitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

3.8 Paving - 2025

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824						
Paving	0.0000					0.0000	0.0000		0.0000	0.0000						
Total	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824						

Unmitigated Construction Off-Site

1360 Vine (Office Option with Bungalows) - Construction Onsite Emissions

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0297	1.4437	0.3643	1.4500e-003	3.5600e-003	4.2000e-004	3.9800e-003	1.1100e-003	4.0000e-004	1.5000e-003						
Worker	0.0352	9.4000e-003	0.1540	1.3000e-004	4.2900e-003	3.2000e-004	4.6200e-003	1.2000e-003	3.0000e-004	1.5000e-003						
Total	0.0649	1.4531	0.5183	1.5800e-003	7.8500e-003	7.4000e-004	8.6000e-003	2.3100e-003	7.0000e-004	3.0000e-003						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824						
Paving	0.0000					0.0000	0.0000		0.0000	0.0000						
Total	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0297	1.4437	0.3643	1.4500e-003	3.5600e-003	4.2000e-004	3.9800e-003	1.1100e-003	4.0000e-004	1.5000e-003						
Worker	0.0352	9.4000e-003	0.1540	1.3000e-004	4.2900e-003	3.2000e-004	4.6200e-003	1.2000e-003	3.0000e-004	1.5000e-003						
Total	0.0649	1.4531	0.5183	1.5800e-003	7.8500e-003	7.4000e-004	8.6000e-003	2.3100e-003	7.0000e-004	3.0000e-003						

1360 N.Vine-Construction (Onsite) - Office Option - Los Angeles-South Coast County, Winter

**1360 N.Vine-Construction (Onsite) - Office Option
Los Angeles-South Coast County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	463.52	1000sqft	10.64	463,521.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Enclosed Parking with Elevator	1,693.00	Space	15.24	677,200.00	0
Quality Restaurant	20.90	1000sqft	0.48	20,902.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11	Operational Year		2025	
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	616	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP SB100 Carbon Intensity (Year 2025) - 616 lbs/MWh

Land Use - See Project Description

User Defined Commercial - Primary Table

Construction Phase - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - see assumptions

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - see construction assumptions

Off-road Equipment - Site Specific

Trips and VMT - Site Specific. Haul truck trips were included in vendor as peak daily. The vehicle class was modified to be HHDT with a one-way trip

distance of 15.0 miles (South Coast County)

Demolition -

Grading - see assumptions

Architectural Coating -

Woodstoves - No Wood Burning Fireplaces

Area Coating -

Energy Use - Adjustments for parking energy

Construction Off-road Equipment Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation - City of LA Waste Diversion Rate of 76.4%

Stationary Sources - Emergency Generators and Fire Pumps -

1360 Vine (Office Option with Restaurant) - Construction Onsite Emissions

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	35.00	166.00
tblConstructionPhase	NumDays	440.00	4.00
tblConstructionPhase	NumDays	440.00	224.00
tblConstructionPhase	NumDays	440.00	432.00
tblConstructionPhase	NumDays	30.00	54.00
tblConstructionPhase	NumDays	45.00	264.00
tblConstructionPhase	NumDays	35.00	27.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblEnergyUse	T24E	3.92	0.46
tblGrading	MaterialExported	0.00	321,060.00
tblLandUse	LandUseSquareFeet	463,520.00	463,521.00
tblLandUse	LandUseSquareFeet	20,900.00	20,902.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.4968	14.8050	13.6583	0.0267	0.6855	0.6449	1.3304	0.1044	0.6172	0.7216						
2022	2.4796	35.8194	22.8627	0.0622	0.6855	0.8383	1.2232	0.1044	0.7891	0.8178						
2023	3.1785	31.4815	28.3505	0.0550	0.0465	0.9999	1.0464	0.0131	0.9752	0.9883						
2024	31.3532	23.1243	29.8685	0.0512	0.0465	0.9402	0.9866	0.0131	0.9179	0.9310						
2025	31.9612	30.6650	42.0575	0.0705	0.0543	1.1260	1.1803	0.0155	1.0824	1.0978						
Maximum	31.9612	35.8194	42.0575	0.0705	0.6855	1.1260	1.3304	0.1044	1.0824	1.0978						

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.4968	14.8050	13.6583	0.0267	0.2700	0.6449	0.9148	0.0415	0.6172	0.6586						
2022	2.4796	35.8194	22.8627	0.0622	0.2700	0.8383	0.9190	0.0415	0.7891	0.8050						

1360 Vine (Office Option with Restaurant) - Construction Onsite Emissions

2023	3.1785	31.4815	28.3505	0.0550	0.0465	0.9999	1.0464	0.0131	0.9752	0.9883							
2024	31.3532	23.1243	29.8685	0.0512	0.0465	0.9402	0.9866	0.0131	0.9179	0.9310							
2025	31.9612	30.6650	42.0575	0.0705	0.0543	1.1260	1.1803	0.0155	1.0824	1.0978							
Maximum	31.9612	35.8194	42.0575	0.0705	0.2700	1.1260	1.1803	0.0415	1.0824	1.0978							
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Percent Reduction	0.00	0.00	0.00	0.00	54.74	0.00	12.48	50.24	0.00	1.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/16/2021	2/16/2022	6	54	
2	Grading	Grading	2/17/2022	12/21/2022	6	264	
3	Mat Foundation	Building Construction	1/3/2023	1/6/2023	6	4	
4	Building Foundation and Subgrade	Building Construction	1/7/2023	9/25/2023	6	224	
5	Building Construction	Building Construction	9/26/2023	2/10/2025	6	432	
6	Architectural Coating	Architectural Coating	8/1/2024	2/10/2025	6	166	
7	Paving	Paving	1/10/2025	2/10/2025	6	27	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 15.24

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 726,635; Non-Residential Outdoor: 242,212; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Air Compressors	1	8.00	78	0.48
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	1	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	227	0.50
Grading	Cranes	1	8.00	231	0.29
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Pumps	1	8.00	84	0.74
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Rubber Tired Loaders	1	8.00	203	0.36
Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Welders	1	8.00	46	0.45
Mat Foundation	Cement and Mortar Mixers	2	8.00	9	0.56

1360 Vine (Office Option with Restaurant) - Construction Onsite Emissions

Mat Foundation	Cranes	1	8.00	231	0.29
Mat Foundation	Forklifts	0	8.00	89	0.20
Mat Foundation	Generator Sets	0	8.00	84	0.74
Mat Foundation	Pumps	4	8.00	84	0.74
Mat Foundation	Rubber Tired Dozers	0	8.00	247	0.40
Mat Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Mat Foundation	Welders	1	8.00	46	0.45
Building Foundation and Subgrade	Cement and Mortar Mixers	2	8.00	9	0.56
Building Foundation and Subgrade	Concrete/Industrial Saws	1	8.00	81	0.73
Building Foundation and Subgrade	Cranes	1	8.00	231	0.29
Building Foundation and Subgrade	Forklifts	2	8.00	89	0.20
Building Foundation and Subgrade	Generator Sets	0	8.00	84	0.74
Building Foundation and Subgrade	Plate Compactors	4	8.00	8	0.43
Building Foundation and Subgrade	Pumps	1	8.00	84	0.74
Building Foundation and Subgrade	Rough Terrain Forklifts	2	8.00	100	0.40
Building Foundation and Subgrade	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Foundation and Subgrade	Welders	2	8.00	46	0.45
Building Construction	Aerial Lifts	3	8.00	63	0.31
Building Construction	Air Compressors	3	8.00	78	0.48
Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Building Construction	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Plate Compactors	2	8.00	8	0.43
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	2	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	0	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	8.00	80	0.38
Paving	Skid Steer Loaders	2	8.00	65	0.37
Paving	Tractors/Loaders/Backhoes	2	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	25.00	20.00	0.00	0.10	0.10	0.10	LD_Mix	HHDT	HHDT
Grading	8	75.00	190.00	0.00	0.10	0.10	0.10	LD_Mix	HHDT	HHDT
Mat Foundation	9	25.00	175.00	0.00	0.10	0.10	0.10	LD_Mix	HHDT	HHDT
Building Foundation and Subgrade	15	175.00	100.00	0.00	0.10	0.10	0.10	LD_Mix	HDT_Mix	HHDT
Building Construction	16	500.00	30.00	0.00	0.10	0.10	0.10	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	0.10	0.10	0.10	LD_Mix	HDT_Mix	HHDT
Paving	7	50.00	30.00	0.00	0.10	0.10	0.10	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6812	0.0000	0.6812	0.1031	0.0000	0.1031						
Off-Road	1.4362	12.9867	13.2282	0.0247		0.6436	0.6436		0.6160	0.6160						
Total	1.4362	12.9867	13.2282	0.0247	0.6812	0.6436	1.3248	0.1031	0.6160	0.7192						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0364	1.8108	0.3178	1.9100e-003	2.1700e-003	1.0500e-003	3.2200e-003	6.3000e-004	1.0000e-003	1.6300e-003						
Worker	0.0243	7.4500e-003	0.1124	7.0000e-005	2.1500e-003	1.7000e-004	2.3200e-003	6.0000e-004	1.6000e-004	7.6000e-004						
Total	0.0607	1.8183	0.4301	1.9800e-003	4.3200e-003	1.2200e-003	5.5400e-003	1.2300e-003	1.1600e-003	2.3900e-003						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2657	0.0000	0.2657	0.0402	0.0000	0.0402						
Off-Road	1.4362	12.9867	13.2282	0.0247		0.6436	0.6436		0.6160	0.6160						
Total	1.4362	12.9867	13.2282	0.0247	0.2657	0.6436	0.9093	0.0402	0.6160	0.6563						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

1360 Vine (Office Option with Restaurant) - Construction Onsite Emissions

Vendor	0.0364	1.8108	0.3178	1.9100e-003	2.1700e-003	1.0500e-003	3.2200e-003	6.3000e-004	1.0000e-003	1.6300e-003						
Worker	0.0243	7.4500e-003	0.1124	7.0000e-005	2.1500e-003	1.7000e-004	2.3200e-003	6.0000e-004	1.6000e-004	7.6000e-004						
Total	0.0607	1.8183	0.4301	1.9800e-003	4.3200e-003	1.2200e-003	5.5400e-003	1.2300e-003	1.1600e-003	2.3900e-003						

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6812	0.0000	0.6812	0.1031	0.0000	0.1031						
Off-Road	1.2889	11.1567	13.1071	0.0248		0.5366	0.5366		0.5144	0.5144						
Total	1.2889	11.1567	13.1071	0.0248	0.6812	0.5366	1.2178	0.1031	0.5144	0.6176						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0343	1.7540	0.3071	1.8900e-003	2.1700e-003	8.8000e-004	3.0500e-003	6.3000e-004	8.4000e-004	1.4700e-003						
Worker	0.0223	6.5800e-003	0.1016	7.0000e-005	2.1500e-003	1.7000e-004	2.3200e-003	6.0000e-004	1.6000e-004	7.6000e-004						
Total	0.0566	1.7605	0.4087	1.9600e-003	4.3200e-003	1.0500e-003	5.3700e-003	1.2300e-003	1.0000e-003	2.2300e-003						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2657	0.0000	0.2657	0.0402	0.0000	0.0402						
Off-Road	1.2889	11.1567	13.1071	0.0248		0.5366	0.5366		0.5144	0.5144						
Total	1.2889	11.1567	13.1071	0.0248	0.2657	0.5366	0.8023	0.0402	0.5144	0.5547						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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1360 Vine (Office Option with Restaurant) - Construction Onsite Emissions

Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0343	1.7540	0.3071	1.8900e-003	2.1700e-003	8.8000e-004	3.0500e-003	6.3000e-004	8.4000e-004	1.4700e-003							
Worker	0.0223	6.5800e-003	0.1016	7.0000e-005	2.1500e-003	1.7000e-004	2.3200e-003	6.0000e-004	1.6000e-004	7.6000e-004							
Total	0.0566	1.7605	0.4087	1.9600e-003	4.3200e-003	1.0500e-003	5.3700e-003	1.2300e-003	1.0000e-003	2.2300e-003							

3.3 Grading - 2022

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1375	0.0000	0.1375	0.0208	0.0000	0.0208						
Off-Road	2.0867	19.1370	19.6406	0.0441		0.8295	0.8295		0.7807	0.7807						
Total	2.0867	19.1370	19.6406	0.0441	0.1375	0.8295	0.9670	0.0208	0.7807	0.8015						

Unmitigated Construction Off-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3261	16.6627	2.9174	0.0180	0.0206	8.3300e-003	0.0290	6.0100e-003	7.9700e-003	0.0140						
Worker	0.0668	0.0198	0.3048	2.2000e-004	6.4400e-003	5.1000e-004	6.9500e-003	1.8000e-003	4.7000e-004	2.2700e-003						
Total	0.3929	16.6824	3.2221	0.0182	0.0271	8.8400e-003	0.0359	7.8100e-003	8.4400e-003	0.0163						

Mitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0536	0.0000	0.0536	8.1200e-003	0.0000	8.1200e-003						
Off-Road	2.0867	19.1370	19.6406	0.0441		0.8295	0.8295		0.7807	0.7807						
Total	2.0867	19.1370	19.6406	0.0441	0.0536	0.8295	0.8831	8.1200e-003	0.7807	0.7888						

Mitigated Construction Off-Site

1360 Vine (Office Option with Restaurant) - Construction Onsite Emissions

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.3261	16.6627	2.9174	0.0180	0.0206	8.3300e-003	0.0290	6.0100e-003	7.9700e-003	0.0140						
Worker	0.0668	0.0198	0.3048	2.2000e-004	6.4400e-003	5.1000e-004	6.9500e-003	1.8000e-003	4.7000e-004	2.2700e-003						
Total	0.3929	16.6824	3.2221	0.0182	0.0271	8.8400e-003	0.0359	7.8100e-003	8.4400e-003	0.0163						

3.4 Mat Foundation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1859	18.5195	21.2615	0.0392		0.8583	0.8583		0.8395	0.8395						
Total	2.1859	18.5195	21.2615	0.0392		0.8583	0.8583		0.8395	0.8395						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.2105	12.9561	2.2467	0.0157	0.0190	5.2300e-003	0.0242	5.5400e-003	5.0000e-003	0.0105						
Worker	0.0205	5.8500e-003	0.0920	7.0000e-005	2.1500e-003	1.7000e-004	2.3100e-003	6.0000e-004	1.5000e-004	7.5000e-004						
Total	0.2310	12.9620	2.3386	0.0158	0.0212	5.4000e-003	0.0265	6.1400e-003	5.1500e-003	0.0113						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1859	18.5195	21.2615	0.0392		0.8583	0.8583		0.8395	0.8395						
Total	2.1859	18.5195	21.2615	0.0392		0.8583	0.8583		0.8395	0.8395						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.2105	12.9561	2.2467	0.0157	0.0190	5.2300e-003	0.0242	5.5400e-003	5.0000e-003	0.0105						
Worker	0.0205	6.8500e-003	0.0920	7.0000e-005	2.1500e-003	1.7000e-004	2.3100e-003	6.0000e-004	1.5000e-004	7.5000e-004						
Total	0.2310	12.9620	2.3386	0.0158	0.0212	5.4000e-003	0.0265	6.1400e-003	5.1500e-003	0.0113						

3.5 Building Foundation and Subgrade - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2164	18.4534	20.8957	0.0370		0.8089	0.8089		0.7795	0.7795						
Total	2.2164	18.4534	20.8957	0.0370		0.8089	0.8089		0.7795	0.7795						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1082	4.8552	1.3298	4.9400e-003	0.0119	1.6600e-003	0.0135	3.6900e-003	1.5800e-003	5.2800e-003						
Worker	0.1434	0.0410	0.6438	4.9000e-004	0.0150	1.1700e-003	0.0162	4.2100e-003	1.0700e-003	5.2800e-003						
Total	0.2516	4.8962	1.9736	5.4300e-003	0.0269	2.8300e-003	0.0297	7.9000e-003	2.6500e-003	0.0106						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2164	18.4534	20.8957	0.0370		0.8089	0.8089		0.7795	0.7795						

1360 Vine (Office Option with Restaurant) - Construction Onsite Emissions

Total	2.2164	18.4534	20.8957	0.0370		0.8089	0.8089		0.7795	0.7795						
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.1082	4.8552	1.3298	4.9400e-003	0.0119	1.6600e-003	0.0135	3.6900e-003	1.5800e-003	5.2800e-003						
Worker	0.1434	0.0410	0.6438	4.9000e-004	0.0150	1.1700e-003	0.0162	4.2100e-003	1.0700e-003	5.2800e-003						
Total	0.2516	4.8962	1.9736	5.4300e-003	0.0269	2.8300e-003	0.0297	7.9000e-003	2.6500e-003	0.0106						

3.6 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						
Total	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0325	1.4566	0.3989	1.4800e-003	3.5600e-003	5.0000e-004	4.0600e-003	1.1100e-003	4.8000e-004	1.5800e-003						
Worker	0.4097	0.1170	1.8393	1.3900e-003	0.0429	3.3300e-003	0.0463	0.0120	3.0600e-003	0.0151						
Total	0.4422	1.5736	2.2382	2.8700e-003	0.0465	3.8300e-003	0.0503	0.0131	3.5400e-003	0.0167						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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1360 Vine (Office Option with Restaurant) - Construction Onsite Emissions

Category	lb/day										lb/day					
Off-Road	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						
Total	2.7364	21.5955	26.1123	0.0454		0.9961	0.9961		0.9716	0.9716						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0325	1.4566	0.3989	1.4800e-003	3.5600e-003	5.0000e-004	4.0600e-003	1.1100e-003	4.8000e-004	1.5800e-003						
Worker	0.4097	0.1170	1.8393	1.3900e-003	0.0429	3.3300e-003	0.0463	0.0120	3.0600e-003	0.0151						
Total	0.4422	1.5736	2.2382	2.8700e-003	0.0465	3.8300e-003	0.0503	0.0131	3.5400e-003	0.0167						

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						
Total	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0309	1.4504	0.3792	1.4700e-003	3.5600e-003	4.5000e-004	4.0100e-003	1.1100e-003	4.3000e-004	1.5400e-003						
Worker	0.3788	0.1046	1.6804	1.3400e-003	0.0429	3.2800e-003	0.0462	0.0120	3.0200e-003	0.0150						
Total	0.4097	1.5550	2.0596	2.8100e-003	0.0465	3.7300e-003	0.0502	0.0131	3.4500e-003	0.0166						

Mitigated Construction On-Site

1360 Vine (Office Option with Restaurant) - Construction Onsite Emissions

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						
Total	2.5764	20.3505	25.9987	0.0454		0.8755	0.8755		0.8535	0.8535						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0309	1.4504	0.3792	1.4700e-003	3.5600e-003	4.5000e-004	4.0100e-003	1.1100e-003	4.3000e-004	1.5400e-003						
Worker	0.3788	0.1046	1.6804	1.3400e-003	0.0429	3.2800e-003	0.0462	0.0120	3.0200e-003	0.0150						
Total	0.4097	1.5550	2.0596	2.8100e-003	0.0465	3.7300e-003	0.0502	0.0131	3.4500e-003	0.0166						

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						
Total	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0297	1.4437	0.3643	1.4500e-003	3.5600e-003	4.2000e-004	3.9800e-003	1.1100e-003	4.0000e-004	1.5000e-003						
Worker	0.3521	0.0940	1.5401	1.2900e-003	0.0429	3.2400e-003	0.0462	0.0120	2.9800e-003	0.0150						
Total	0.3818	1.5377	1.9044	2.7400e-003	0.0465	3.6600e-003	0.0501	0.0131	3.3800e-003	0.0165						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						
Total	2.4319	19.1985	25.9064	0.0454		0.7643	0.7643		0.7444	0.7444						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0297	1.4437	0.3643	1.4500e-003	3.5600e-003	4.2000e-004	3.9800e-003	1.1100e-003	4.0000e-004	1.5000e-003						
Worker	0.3521	0.0940	1.5401	1.2900e-003	0.0429	3.2400e-003	0.0462	0.0120	2.9800e-003	0.0150						
Total	0.3818	1.5377	1.9044	2.7400e-003	0.0465	3.6600e-003	0.0501	0.0131	3.3800e-003	0.0165						

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	28.1864					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609						
Total	28.3671	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

1360 Vine (Office Option with Restaurant) - Construction Onsite Emissions

Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	28.1864					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609						
Total	28.3671	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	28.1864					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	28.3572	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

1360 Vine (Office Option with Restaurant) - Construction Onsite Emissions

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	28.1864					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						
Total	28.3572	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

3.8 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824						
Paving	0.0000					0.0000	0.0000		0.0000	0.0000						
Total	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824						

Unmitigated Construction Off-Site

1360 Vine (Office Option with Restaurant) - Construction Onsite Emissions

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0297	1.4437	0.3643	1.4500e-003	3.5600e-003	4.2000e-004	3.9800e-003	1.1100e-003	4.0000e-004	1.5000e-003						
Worker	0.0352	9.4000e-003	0.1540	1.3000e-004	4.2900e-003	3.2000e-004	4.6200e-003	1.2000e-003	3.0000e-004	1.5000e-003						
Total	0.0649	1.4531	0.5183	1.5800e-003	7.8500e-003	7.4000e-004	8.6000e-003	2.3100e-003	7.0000e-004	3.0000e-003						

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824						
Paving	0.0000					0.0000	0.0000		0.0000	0.0000						
Total	0.7254	7.3302	11.9193	0.0178		0.3057	0.3057		0.2824	0.2824						

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	0.0297	1.4437	0.3643	1.4500e-003	3.5600e-003	4.2000e-004	3.9800e-003	1.1100e-003	4.0000e-004	1.5000e-003						
Worker	0.0352	9.4000e-003	0.1540	1.3000e-004	4.2900e-003	3.2000e-004	4.6200e-003	1.2000e-003	3.0000e-004	1.5000e-003						
Total	0.0649	1.4531	0.5183	1.5800e-003	7.8500e-003	7.4000e-004	8.6000e-003	2.3100e-003	7.0000e-004	3.0000e-003						

1360 N. Vine Street

Draft EIR

Appendix B-3

Greenhouse Gas Emissions Worksheets and Modeling Output Files

- Appendix B-3.1: GHG Modeling Parameters and Summary of Emissions
 - GHG Parameters and Summary
 - EV Charging Calculations

- Appendix B-3.2: CalEEMod Outputs (Residential and Office Options)
 - Construction Annual
 - Baseline (Existing)
 - Baseline (Buildout)
 - Buildout without PDFs
 - Buildout with PDFs

1360 N. Vine Street

Draft EIR

Appendix B-3

Greenhouse Gas Emissions Worksheets and Modeling Output Files

- Appendix B-3.1: GHG Modeling Parameters and Summary of Emissions
 - GHG Parameters and Summary
 - EV Charging Calculations

GHG SOURCE CALCULATIONS:		
ENERGY		
Consistent with Section 120.6(c), Mandatory Requirements for Enclosed Parking Garages, the ventilation rate shall be at least 0.15 cfm/sq f when the garage is scheduled to be occupied.		
Calculation of Parking Garage Ventilation Energy Factor		
Full Power Ventilation Flowrate:	0.5 cfm/sf	Section 120.6(c) of California Building Code, Mandatory Requirements for Enclosed Parking Garages, provides a minimum 0.15 cfm/sf flowrate. Conservatively assumed 0.5 cfm/sf.
Fan Horsepower/1,000 sf:	0.19 hp/1,000 sf	Fan Horsepower = (CFM x Static Pressure of 1.6 in WC)/(6356 x Motor Fan Efficiency of 65%)
Setback Mode Power Ventilation Flowrate:	0.05 cfm/sf	Energy Star technical reference recommends a minimum flow rate of 0.05 cfm/sf when fan is in setback mode.
Fan Horsepower/1,000 sf:	0.02 hp/1,000 sf	Fan Horsepower = (CFM x Static Pressure of 1.6 in WC)/(6356 x Motor Fan Efficiency of 65%)
Fan Horsepower/1,000 sf per Day:	1.51 hp/1,000 sf/Day	Energy Star technical reference recommends 6 hours per day at full power and 18 hours per day at 0.05 cfm/sf in setback mode
Horsepower to kW Conv.	0.746 kW per hp	
Fan kW/1,000 sf per Day:	1.13 kW/1,000 sf/Day	
Annual kW/sf	0.41 kWh/sf Annual	
Adjustment:	0.46 kWh/sf Annual	(CalEEMod applies mitigation to all land uses. So, this adjustment accounts for the 10% reduction for 2019 Title 24)
Source: Energy Star Portfolio Manger Technical Reference: Parking and the Energy Star Score in the United States and Canada, August 2018		
Buildout Parking Garage Lighting		
Square Footage =	305,600 ft ²	Estimated based on CalEEMod
Allowed Lighting Power =	0.2 watts per ft ²	(Table 140.6 (Complete Building Method Lighting Power Density Value) of the 2013 Building Energy Efficiency Standards)
Annual kW/sq ft =	1.75 kWh/sq ft annual	
Adjustment:	2.33	(CalEEMod applies mitigation to all land uses. So, this adjustment accounts for the 25% reduction in lighting associated with high efficiency lighting)
Elevator (no change CalEEMod Default)	0.19 kWh/sq ft annual	
APPLICABLE GHG REDUCTION MEASURES Included within CalEEMod		
Applicable VMT Reduction Measures selected in CalEEMod based on CAPCOA's Quantifying Greenhouse Gas Mitigation Measures, August, 2010.		
Energy Reduction Measures Included in CalEEMod Run:		
High Efficiency Lighting (25%)		
Title 24 (Above 10%)		
Water Reduction Measures Included in CalEEMod Run:		
20 Percent Reduction Beyond Code Requirements		
Waste Diversion Rate Reduction Measures Included in CalEEMod Run:		
-Project assumes a 76.4% Diversion Rate (Los Angeles, 2011)		
Area Source Reduction Measure Included in CalEEMod Run:		
-New Residential DU's do not include fireplaces.		

GHG SOURCE CALCULATIONS:		
ENERGY		
Consistent with Section 120.6(c), Mandatory Requirements for Enclosed Parking Garages, the ventilation rate shall be at least 0.15 cfm/sq f when the garage is scheduled to be occupied.		
Calculation of Parking Garage Ventilation Energy Factor		
Full Power Ventilation Flowrate:	0.5 cfm/sf	Section 120.6(c) of California Building Code, Mandatory Requirements for Enclosed Parking Garages, provides a minimum 0.15 cfm/sf flowrate. Conservatively assumed 0.5 cfm/sf.
Fan Horsepower/1,000 sf:	0.19 hp/1,000 sf	Fan Horsepower = (CFM x Static Pressure of 1.6 in WC)/(6356 x Motor Fan Efficiency of 65%)
Setback Mode Power Ventilation Flowrate:	0.05 cfm/sf	Energy Star technical reference recommends a minimum flow rate of 0.05 cfm/sf when fan is in setback mode.
Fan Horsepower/1,000 sf:	0.02 hp/1,000 sf	Fan Horsepower = (CFM x Static Pressure of 1.6 in WC)/(6356 x Motor Fan Efficiency of 65%)
Fan Horsepower/1,000 sf per Day:	1.51 hp/1,000 sf/Day	Energy Star technical reference recommends 6 hours per day at full power and 18 hours per day at 0.05 cfm/sf in setback mode
Horsepower to kW Conv.	0.746 kW per hp	
Fan kW/1,000 sf per Day:	1.13 kW/1,000 sf/Day	
Annual kW/sf	0.41 kWh/sf Annual	
Adjustment:	0.46 kWh/sf Annual	(CalEEMod applies mitigation to all land uses. So, this adjustment accounts for the 10% reduction for 2019 Title 24)
Source: Energy Star Portfolio Manager Technical Reference: Parking and the Energy Star Score in the United States and Canada, August 2018		
Buildout Parking Garage Lighting		
Square Footage =	671,600 ft ²	Estimated based on CalEEMod
Allowed Lighting Power =	0.2 watts per ft ²	(Table 140.6 (Complete Building Method Lighting Power Density Value) of the 2013 Building Energy Efficiency Standards)
Annual kW/sq ft =	1.75 kWh/sq ft annual	
Adjustment:	2.33	(CalEEMod applies mitigation to all land uses. So, this adjustment accounts for the 25% reduction in lighting associated with high efficiency lighting)
Elevator (no change CalEEMod Default)	0.19 kWh/sq ft annual	
APPLICABLE GHG REDUCTION MEASURES Included within CalEEMod		
Applicable VMT Reduction Measures selected in CalEEMod based on CAPCOA's Quantifying Greenhouse Gas Mitigation Measures, August, 2010.		
Energy Reduction Measures Included in CalEEMod Run:		
High Efficiency Lighting (25%)		
Title 24 (Above 10%)		
Water Reduction Measures Included in CalEEMod Run:		
20 Percent Reduction Beyond Code Requirements		
Waste Diversion Rate Reduction Measures Included in CalEEMod Run:		
-Project assumes a 76.4% Diversion Rate (Los Angeles, 2011)		
Area Source Reduction Measure Included in CalEEMod Run:		
-New Residential DU's do not include fireplaces.		

1360 Vine (Residential Option with Bungalows)

Operational Emissions Summary (GHG)

CalEEMod Output Summary	Project with no PDFs	Project with PDFs
Baseline (Buildout Year)^a	CO₂e	CO₂e
Area	0	0
Energy (Natural Gas)	148	148
Mobile	353	353
Emergency Generators	0	0
Solid Waste	3	3
Water/Wastewater	31	31
Total	535	535
Buildout (Buildout Year)^b		
Area	101	11
Energy (Natural Gas)	1,553	1,463
Mobile	7,596	4,521
Electric Vehicle Charging Credit	(48)	(48)
Solid Waste	63	63
Water/Wastewater	238	190
Construction	158	158
Total	9,662	6,360
Project (Buildout less Baseline)		
Area	101	11
Energy (Natural Gas)	1,405	1,316
Mobile	7,243	4,168
Electric Vehicle Charging Credit	(48)	(48)
Emergency Generators	1	1
Solid Waste	59	59
Water/Wastewater	207	160
Construction	158	158
Total	9,127	5,825

^a Existing Uses

^b Please refer to CalEEMod outputs for Future uses

1360 Vine (Residential Option with Restaurant)

Operational Emissions Summary (GHG)

CalEEMod Output Summary	Project with no PDFs	Project with PDFs
Baseline (Buildout Year)^a	CO₂e	CO₂e
Area	0	0
Energy (Natural Gas)	148	148
Mobile	353	353
Emergency Generators	0	0
Solid Waste	3	3
Water/Wastewater	31	31
Total	535	535
Buildout (Buildout Year)^b		
Area	101	7
Energy (Natural Gas)	1,747	1,653
Mobile	8,286	4,966
Electric Vehicle Charging Credit	(53)	(53)
Solid Waste	74	74
Water/Wastewater	247	197
Construction	158	158
Total	10,560	7,004
Project (Buildout less Baseline)		
Area	101	7
Energy (Natural Gas)	1,600	1,506
Mobile	7,933	4,613
Electric Vehicle Charging Credit	(53)	(53)
Emergency Generators	1	1
Solid Waste	70	70
Water/Wastewater	216	167
Construction	158	158
Total	10,025	6,469

^a Existing Uses

^b Please refer to CalEEMod outputs for Future uses

1360 Vine (Office Option with Bungalows)

Operational Emissions Summary (GHG)

CalEEMod Output Summary	Project with no PDFs	Project with PDFs
Baseline (Buildout Year)^a	CO₂e	CO₂e
Area	0	0
Energy (Natural Gas)	148	148
Mobile	353	353
Emergency Generators	0	0
Solid Waste	3	3
Water/Wastewater	31	31
Total	535	535
Buildout (Buildout Year)^b		
Area	4	4
Energy (Natural Gas)	2,758	2,516
Mobile	5,641	3,110
Electric Vehicle Charging Credit	(91)	(91)
Solid Waste	54	54
Water/Wastewater	595	476
Construction	169	169
Total	9,132	6,239
Project (Buildout less Baseline)		
Area	4	4
Energy (Natural Gas)	2,610	2,368
Mobile	5,288	2,756
Electric Vehicle Charging Credit	(91)	(91)
Emergency Generators	1	1
Solid Waste	51	51
Water/Wastewater	564	445
Construction	169	169
Total	8,597	5,704

^a Existing Uses

^b Please refer to CalEEMod outputs for Future uses

1360 Vine (Office Option with Restaurant)

Operational Emissions Summary (GHG)

CalEEMod Output Summary	Project with no PDFs	Project with PDFs
Baseline (Buildout Year)^a	CO₂e	CO₂e
Area	0	0
Energy (Natural Gas)	148	148
Mobile	353	353
Emergency Generators	0	0
Solid Waste	3	3
Water/Wastewater	31	31
Total	535	535
Buildout (Buildout Year)^b		
Area	0	0
Energy (Natural Gas)	2,929	2,684
Mobile	6,310	3,661
Electric Vehicle Charging Credit	(122)	(122)
Solid Waste	52	52
Water/Wastewater	589	471
Construction	169	169
Total	9,930	6,917
Project (Buildout less Baseline)		
Area	0	0
Energy (Natural Gas)	2,782	2,537
Mobile	5,957	3,307
Electric Vehicle Charging Credit	(122)	(122)
Emergency Generators	1	1
Solid Waste	49	49
Water/Wastewater	559	441
Construction	169	169
Total	9,395	6,382

^a Existing Uses

^b Please refer to CalEEMod outputs for Future uses

1360 Vine

SB100 - Renewable Portfolio Standards

Year	% RPS	RPS Reduction (%)	Carbon Intensity (lbs/MWh)
2015	20	-20%	1131
2016	29	-31%	834
2017	31	-6%	780
2020	33	-6%	733
2026	46	-29%	520
2030	60	-23%	403
2036	65	-8%	372
2045	100	-35%	0

Build Out Year	% RPS	Carbon Intensity (lbs/MWh)
2025	47	616

1360 N. Vine Street

Draft EIR

Appendix B-3

Greenhouse Gas Emissions Worksheets and
Modeling Output Files

- Appendix B-3.2: CalEEMod Outputs (Residential and Office Options)
 - Construction Annual
 - Baseline (Existing)
 - Baseline (Buildout)
 - Buildout without PDFs
 - Buildout with PDFs

1360 N.Vine-Residential Option with Restaurant - Los Angeles-South Coast County, Annual

1360 N.Vine-Residential Option with Restaurant
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Enclosed Parking with Elevator	764.00	Space	6.88	305,600.00	0
High Turnover (Sit Down Restaurant)	8.99	1000sqft	0.21	8,990.00	0
Apartments High Rise	429.00	Dwelling Unit	6.92	415,433.00	1227
Strip Mall	5.00	1000sqft	0.11	5,000.00	0
Supermarket	55.00	1000sqft	1.26	55,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	616	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP SB100 Carbon Intensity (Year 2025) - 616 lbs/MWh

Land Use - User Defined Commercial = Project VMT

Construction Phase - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Trips and VMT - Site Specific. Haul truck trips were included in vendor as peak daily. The vehicle class was modified to be HHDT with a one-way trip

distance of 15.0 miles (Suball Canyon Landfill)

Demolition -

Grading -

Architectural Coating -

Woodstoves - No Hearth

Area Coating -

Energy Use - see assumptions

Construction Off-road Equipment Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation - City of LA Waste Diversion Rate 76.4%

Fleet Mix -

Stationary Sources - Emergency Generators and Fire Pumps -

1360 Vine (Residential Option) -
Construction Emissions (Annual)

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	87.00
tblConstructionPhase	NumDays	300.00	4.00
tblConstructionPhase	NumDays	300.00	635.00
tblConstructionPhase	NumDays	20.00	54.00
tblConstructionPhase	NumDays	30.00	168.00
tblConstructionPhase	NumDays	20.00	27.00
tblConstructionPhase	NumDays	10.00	131.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblEnergyUse	T24E	3.92	0.46
tblGrading	MaterialExported	0.00	142,000.00
tblLandUse	LandUseSquareFeet	429,000.00	415,433.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	616
tblTripsAndVMT	HaulingTripNumber	170.00	0.00
tblTripsAndVMT	HaulingTripNumber	17,750.00	0.00
tblTripsAndVMT	VendorTripLength	6.90	15.80
tblTripsAndVMT	VendorTripLength	6.90	15.80
tblTripsAndVMT	VendorTripLength	6.90	13.80

1360 Vine (Residential Option) -
Construction Emissions (Annual)

tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	170.00
tblTripsAndVMT	VendorTripNumber	107.00	175.00
tblTripsAndVMT	VendorTripNumber	0.00	100.00
tblTripsAndVMT	VendorTripNumber	107.00	30.00
tblTripsAndVMT	VendorTripNumber	0.00	30.00
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHD
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHD
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHD
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHD
tblTripsAndVMT	WorkerTripNumber	13.00	25.00
tblTripsAndVMT	WorkerTripNumber	15.00	75.00
tblTripsAndVMT	WorkerTripNumber	460.00	25.00
tblTripsAndVMT	WorkerTripNumber	38.00	175.00
tblTripsAndVMT	WorkerTripNumber	460.00	500.00
tblTripsAndVMT	WorkerTripNumber	92.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	50.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	6.35
tblVehicleTrips	CC_TTP	72.50	0.00
tblVehicleTrips	CC_TTP	64.40	0.00
tblVehicleTrips	CC_TTP	74.50	0.00
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	8.50	0.00
tblVehicleTrips	CW_TTP	16.60	0.00
tblVehicleTrips	CW_TTP	6.50	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	20.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TTP	40.60	0.00

1360 Vine (Residential Option) -
Construction Emissions (Annual)

tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	HW_TTP	40.20	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PB_TP	36.00	0.00
tblVehicleTrips	PR_TP	86.00	0.00
tblVehicleTrips	PR_TP	37.00	0.00
tblVehicleTrips	PR_TP	45.00	0.00
tblVehicleTrips	PR_TP	34.00	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	4.98	0.00
tblVehicleTrips	ST_TR	158.37	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	ST_TR	177.59	0.00
tblVehicleTrips	ST_TR	0.00	5,371.00
tblVehicleTrips	SU_TR	3.65	0.00
tblVehicleTrips	SU_TR	131.84	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	SU_TR	166.44	0.00
tblVehicleTrips	SU_TR	0.00	5,371.00
tblVehicleTrips	WD_TR	4.20	0.00
tblVehicleTrips	WD_TR	127.15	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblVehicleTrips	WD_TR	102.24	0.00
tblVehicleTrips	WD_TR	0.00	5,371.00

2.0 Emissions Summary

**2.1 Overall Construction
Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021																25.6260
2022																1,700.0103
2023																1,410.0900
2024																1,413.8563
2025																190.8272
Maximum																1,700.0103

1360 Vine (Residential Option) -
Construction Emissions (Annual)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021																25.6260
2022																1,700.0098
2023																1,410.0893
2024																1,413.8556
2025																190.8270
Maximum																1,700.0098

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
			Highest	

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/16/2021	2/16/2022	6	54	
2	Grading	Grading	2/17/2022	8/31/2022	6	168	
3	Mat Foundation	Building Construction	9/1/2022	9/6/2022	6	4	
4	Foundation	Site Preparation	9/7/2022	1/31/2023	6	131	
5	Building Construction	Building Construction	2/1/2023	2/10/2025	6	635	
6	Architectural Coating	Architectural Coating	11/1/2024	2/10/2025	6	87	
7	Paving	Paving	1/10/2025	2/10/2025	6	27	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 6.88

Residential Indoor: 841,252; Residential Outdoor: 280,417; Non-Residential Indoor: 103,485; Non-Residential Outdoor: 34,495; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Air Compressors	1	8.00	78	0.48
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	1	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37

1360 Vine (Residential Option) -
Construction Emissions (Annual)

Grading	Bore/Drill Rigs	1	8.00	221	0.50
Grading	Cranes	1	8.00	231	0.29
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Pumps	1	8.00	84	0.74
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Welders	1	8.00	46	0.45
Mat Foundation	Cement and Mortar Mixers	2	8.00	9	0.56
Mat Foundation	Cranes	1	8.00	231	0.29
Mat Foundation	Forklifts	0	8.00	89	0.20
Mat Foundation	Generator Sets	0	8.00	84	0.74
Mat Foundation	Pumps	4	8.00	84	0.74
Mat Foundation	Rubber Tired Dozers	0	8.00	247	0.40
Mat Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Mat Foundation	Welders	1	8.00	46	0.45
Foundation	Cement and Mortar Mixers	2	8.00	9	0.56
Foundation	Concrete/Industrial Saws	1	8.00	81	0.73
Foundation	Cranes	1	8.00	231	0.29
Foundation	Forklifts	2	8.00	89	0.20
Foundation	Plate Compactors	4	8.00	8	0.43
Foundation	Pumps	1	8.00	84	0.74
Foundation	Rough Terrain Forklifts	2	8.00	100	0.40
Foundation	Rubber Tired Dozers	0	8.00	247	0.40
Foundation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Foundation	Welders	2	8.00	46	0.45
Building Construction	Aerial Lifts	3	8.00	63	0.31
Building Construction	Air Compressors	3	8.00	78	0.48
Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Building Construction	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Plate Compactors	2	8.00	8	0.43
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	2	8.00	46	0.45
Architectural Coating	Air Compressors	0	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	0	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	8.00	80	0.38
Paving	Skid Steer Loaders	2	8.00	65	0.37
Paving	Tractors/Loaders/Backhoes	2	8.00	97	0.37

Trips and VMT

1360 Vine (Residential Option) -
Construction Emissions (Annual)

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class	
Demolition		5	25.00	20.00	0.00	14.70	15.80	20.00	LD_Mix	HHDT	HHDT
Grading		6	75.00	170.00	0.00	14.70	15.80	20.00	LD_Mix	HHDT	HHDT
Mat Foundation		9	25.00	175.00	0.00	14.70	13.80	20.00	LD_Mix	HHDT	HHDT
Foundation		15	175.00	100.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Building Construction		16	500.00	30.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating		0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving		7	50.00	30.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																15.1589
Total																15.1589

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling																0.0000
Vendor																8.7352
Worker																1.7319
Total																10.4671

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																15.1589

1360 Vine (Residential Option) -
Construction Emissions (Annual)

Total																			15.1589
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr											MT/yr					
Hauling																	0.0000
Vendor																	8.7352
Worker																	1.7319
Total																	10.4671

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr											MT/yr					
Fugitive Dust																	0.0000
Off-Road																	43.3207
Total																	43.3207

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr											MT/yr					
Hauling																	0.0000
Vendor																	24.6635
Worker																	4.7741
Total																	29.4376

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr											MT/yr				

1360 Vine (Residential Option) -
Construction Emissions (Annual)

Fugitive Dust																	0.0000
Off-Road																	43.3206
Total																	43.3206

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	24.6635
Worker																	4.7741
Total																	29.4376

3.3 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Fugitive Dust																	0.0000
Off-Road																	253.3264
Total																	253.3264

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	880.4882
Worker																	60.1531
Total																	940.6413

Mitigated Construction On-Site

1360 Vine (Residential Option) -
Construction Emissions (Annual)

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																253.3261
Total																253.3261

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling																0.0000
Vendor																880.4882
Worker																60.1531
Total																940.6413

3.4 Mat Foundation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road																8.3274
Total																8.3274

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling																0.0000
Vendor																24.1019
Worker																0.5968
Total																24.6986

1360 Vine (Residential Option) -
Construction Emissions (Annual)

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road																	8.3273
Total																	8.3273

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	24.1019
Worker																	0.5968
Total																	24.6986

3.5 Foundation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Fugitive Dust																	0.0000
Off-Road																	154.5743
Total																	154.5743

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	162.1380
Worker																	83.5460

1360 Vine (Residential Option) -
Construction Emissions (Annual)

Total																			245.6841
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Fugitive Dust																	0.0000
Off-Road																	154.5741
Total																	154.5741

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	162.1380
Worker																	83.5460
Total																	245.6841

3.5 Foundation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Fugitive Dust																	0.0000
Off-Road																	40.1872
Total																	40.1872

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000

1360 Vine (Residential Option) -
Construction Emissions (Annual)

Vendor																	40.3450
Worker																	20.9262
Total																	61.2711

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Fugitive Dust																	0.0000
Off-Road																	40.1871
Total																	40.1871

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	40.3450
Worker																	20.9262
Total																	61.2711

3.6 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road																	549.2774
Total																	549.2774

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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1360 Vine (Residential Option) -
Construction Emissions (Annual)

Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	101.6751
Worker																	657.6792
Total																	759.3543

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road																	549.2767
Total																	549.2767

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	101.6751
Worker																	657.6792
Total																	759.3543

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road																	603.0188
Total																	603.0188

Unmitigated Construction Off-Site

1360 Vine (Residential Option) -
Construction Emissions (Annual)

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	111.1829
Worker																	699.6546
Total																	810.8375

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road																	603.0181
Total																	603.0181

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	111.1829
Worker																	699.6546
Total																	810.8375

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road																	67.2122
Total																	67.2122

1360 Vine (Residential Option) -
Construction Emissions (Annual)

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	12.3253
Worker																	74.9649
Total																	87.2902

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road																	67.2121
Total																	67.2121

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	12.3253
Worker																	74.9649
Total																	87.2902

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Archit. Coating																	0.0000

1360 Vine (Residential Option) -
Construction Emissions (Annual)

Off-Road																		0.0000
Total																		0.0000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	0.0000
Worker																	0.0000
Total																	0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Archit. Coating																	0.0000
Off-Road																	0.0000
Total																	0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	0.0000
Worker																	0.0000
Total																	0.0000

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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1360 Vine (Residential Option) -
Construction Emissions (Annual)

Category	tons/yr										MT/yr						
Archit. Coating																	0.0000
Off-Road																	0.0000
Total																	0.0000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	0.0000
Worker																	0.0000
Total																	0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Archit. Coating																	0.0000
Off-Road																	0.0000
Total																	0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	0.0000
Worker																	0.0000
Total																	0.0000

3.8 Paving - 2025

Unmitigated Construction On-Site

1360 Vine (Residential Option) -
Construction Emissions (Annual)

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road																	21.0337
Paving																	0.0000
Total																	21.0337

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	9.5081
Worker																	5.7830
Total																	15.2911

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road																	21.0337
Paving																	0.0000
Total																	21.0337

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	9.5081
Worker																	5.7830
Total																	15.2911

1360 N.Vine-Construction (Regional) - Office Option with Bungalows - Los Angeles-South Coast County, Annual

1360 N.Vine-Construction (Regional) - Office Option with Bungalows
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	463.52	1000sqft	10.64	463,521.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Enclosed Parking with Elevator	1,705.00	Space	15.34	682,000.00	0
Quality Restaurant	11.91	1000sqft	0.27	11,914.00	0
Single Family Housing	12.00	Dwelling Unit	3.90	8,998.00	34

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11	Operational Year	2025		
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	616	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP SB100 Carbon Intensity (Year 2025) - 616 lbs/MWh

Land Use - See Project Description

User Defined Commercial - Business Trip

Construction Phase - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - see assumptions

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - see construction assumptions

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Trips and VMT - Site Specific. Haul truck trips were included in vendor as peak daily. The vehicle class was modified to be HHDT with a one-way trip distance of 15.8 miles (Sabell Canyon Landfill)

Demolition -

Grading - see assumptions

Architectural Coating -

Woodstoves - No Wood Burning Fireplaces

Area Coating -

Energy Use - Adjustments for parking energy

Construction Off-road Equipment Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation - City of LA Waste Diversion Rate of 76.4%

Stationary Sources - Emergency Generators and Fire Pumps -

1360 Vine (Office Option) -
Construction Emissions (Annual)

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	35.00	166.00
tblConstructionPhase	NumDays	500.00	4.00
tblConstructionPhase	NumDays	500.00	224.00
tblConstructionPhase	NumDays	500.00	432.00
tblConstructionPhase	NumDays	30.00	54.00
tblConstructionPhase	NumDays	45.00	264.00
tblConstructionPhase	NumDays	35.00	27.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblEnergyUse	T24E	3.92	0.46
tblGrading	MaterialExported	0.00	321,060.00
tblLandUse	LandUseSquareFeet	463,520.00	463,521.00
tblLandUse	LandUseSquareFeet	11,910.00	11,914.00
tblLandUse	LandUseSquareFeet	21,600.00	8,998.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	616
tblTripsAndVMT	HaulingTripNumber	170.00	0.00

1360 Vine (Office Option) -
Construction Emissions (Annual)

tblTripsAndVMT	HaulingTripNumber	40,133.00	0.00
tblTripsAndVMT	VendorTripLength	6.90	15.80
tblTripsAndVMT	VendorTripLength	6.90	15.80
tblTripsAndVMT	VendorTripLength	6.90	13.80
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	190.00
tblTripsAndVMT	VendorTripNumber	191.00	175.00
tblTripsAndVMT	VendorTripNumber	191.00	100.00
tblTripsAndVMT	VendorTripNumber	191.00	30.00
tblTripsAndVMT	VendorTripNumber	0.00	30.00
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	WorkerTripNumber	13.00	25.00
tblTripsAndVMT	WorkerTripNumber	20.00	75.00
tblTripsAndVMT	WorkerTripNumber	444.00	25.00
tblTripsAndVMT	WorkerTripNumber	444.00	175.00
tblTripsAndVMT	WorkerTripNumber	444.00	500.00
tblTripsAndVMT	WorkerTripNumber	89.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	50.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	7.24
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	69.00	0.00
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	12.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	18.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	HW_TTP	40.20	0.00

1360 Vine (Office Option) -
Construction Emissions (Annual)

tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	44.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	77.00	0.00
tblVehicleTrips	PR_TP	38.00	0.00
tblVehicleTrips	PR_TP	86.00	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	94.36	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	ST_TR	0.00	2,979.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	72.16	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	SU_TR	0.00	2,979.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	89.95	0.00
tblVehicleTrips	WD_TR	9.52	0.00
tblVehicleTrips	WD_TR	0.00	2,979.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021																25.6260
2022																2,221.2509
2023																1,197.3305
2024																1,430.6037
2025																195.3014
Maximum																2,221.2509

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021																25.6260
2022																2,221.2502

1360 Vine (Office Option) -
Construction Emissions (Annual)

2023																	1,197.329 9
2024																	1,430.603 0
2025																	195.3013
Maximum																	2,221.250 2
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N20	CO2e	
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)				Maximum Mitigated ROG + NOX (tons/quarter)										
		Highest															

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/16/2021	2/16/2022	6	54	
2	Grading	Grading	2/17/2022	12/21/2022	6	264	
3	Mat Foundation	Building Construction	1/3/2023	1/6/2023	6	4	
4	Building Foundation and	Building Construction	1/7/2023	9/25/2023	6	224	
5	Substructure Building Construction	Building Construction	9/26/2023	2/10/2025	6	432	
6	Architectural Coating	Architectural Coating	8/1/2024	2/10/2025	6	166	
7	Paving	Paving	1/10/2025	2/10/2025	6	27	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 15.34

Residential Indoor: 18,221; Residential Outdoor: 6,074; Non-Residential Indoor: 713,153; Non-Residential Outdoor: 237,718; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Air Compressors	1	8.00	78	0.48
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	1	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	221	0.50
Grading	Cranes	1	8.00	231	0.29
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Pumps	1	8.00	84	0.74
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Rubber Tired Loaders	1	8.00	203	0.36
Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37

1360 Vine (Office Option) -
Construction Emissions (Annual)

Grading	Welders	1	8.00	46	0.45
Mat Foundation	Cement and Mortar Mixers	2	8.00	9	0.56
Mat Foundation	Cranes	1	8.00	231	0.29
Mat Foundation	Forklifts	0	8.00	89	0.20
Mat Foundation	Generator Sets	0	8.00	84	0.74
Mat Foundation	Pumps	4	8.00	84	0.74
Mat Foundation	Rubber Tired Dozers	0	8.00	247	0.40
Mat Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Mat Foundation	Welders	1	8.00	46	0.45
Building Foundation and Subgrade	Cement and Mortar Mixers	2	8.00	9	0.56
Building Foundation and Subgrade	Concrete/Industrial Saws	1	8.00	81	0.73
Building Foundation and Subgrade	Cranes	1	8.00	231	0.29
Building Foundation and Subgrade	Forklifts	2	8.00	89	0.20
Building Foundation and Subgrade	Generator Sets	0	8.00	84	0.74
Building Foundation and Subgrade	Plate Compactors	4	8.00	8	0.43
Building Foundation and Subgrade	Pumps	1	8.00	84	0.74
Building Foundation and Subgrade	Rough Terrain Forklifts	2	8.00	100	0.40
Building Foundation and Subgrade	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Foundation and Subgrade	Welders	2	8.00	46	0.45
Building Construction	Aerial Lifts	3	8.00	63	0.31
Building Construction	Air Compressors	3	8.00	78	0.48
Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Building Construction	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Plate Compactors	2	8.00	8	0.43
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	2	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	0	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	8.00	80	0.38
Paving	Skid Steer Loaders	2	8.00	65	0.37
Paving	Tractors/Loaders/Backhoes	2	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	25.00	20.00	0.00	14.70	15.80	20.00	LD_Mix	HHDT	HHDT
Grading	8	75.00	190.00	0.00	14.70	15.80	20.00	LD_Mix	HHDT	HHDT
Mat Foundation	9	25.00	175.00	0.00	14.70	13.80	20.00	LD_Mix	HHDT	HHDT
Building Foundation and Subgrade	15	175.00	100.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	16	500.00	30.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

1360 Vine (Office Option) -
Construction Emissions (Annual)

Paving	7	50.00	30.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
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3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Fugitive Dust																	0.0000
Off-Road																	15.1589
Total																	15.1589

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	8.7352
Worker																	1.7319
Total																	10.4671

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Fugitive Dust																	0.0000
Off-Road																	15.1589
Total																	15.1589

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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1360 Vine (Office Option) -
Construction Emissions (Annual)

Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	8.7352
Worker																	1.7319
Total																	10.4671

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Fugitive Dust																	0.0000
Off-Road																	43.3207
Total																	43.3207

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	24.6635
Worker																	4.7741
Total																	29.4376

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Fugitive Dust																	0.0000
Off-Road																	43.3206
Total																	43.3206

Mitigated Construction Off-Site

1360 Vine (Office Option) -
Construction Emissions (Annual)

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	24.6635
Worker																	4.7741
Total																	29.4376

3.3 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Fugitive Dust																	0.0000
Off-Road																	507.5627
Total																	507.5627

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	1,546.4036
Worker																	94.5264
Total																	1,640.9299

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Fugitive Dust																	0.0000
Off-Road																	507.5621
Total																	507.5621

1360 Vine (Office Option) -
Construction Emissions (Annual)

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	1,546.4036
Worker																	94.5264
Total																	1,640.9299

3.4 Mat Foundation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road																	6.6618
Total																	6.6618

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	18.4707
Worker																	0.4599
Total																	18.9307

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road																	6.6618

1360 Vine (Office Option) -
Construction Emissions (Annual)

Total																	6.6618
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	18.4707
Worker																	0.4599
Total																	18.9307

3.5 Building Foundation and Subgrade - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road																	346.2280
Total																	346.2280

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	265.4454
Worker																	180.2869
Total																	445.7323

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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1360 Vine (Office Option) -
Construction Emissions (Annual)

Category	tons/yr										MT/yr						
Off-Road																	346.2276
Total																	346.2276

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	265.4454
Worker																	180.2869
Total																	445.7323

3.6 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road																	159.4057
Total																	159.4057

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	29.5071
Worker																	190.8650
Total																	220.3721

Mitigated Construction On-Site

1360 Vine (Office Option) -
Construction Emissions (Annual)

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road																	159.4055
Total																	159.4055

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	29.5071
Worker																	190.8650
Total																	220.3721

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road																	603.0188
Total																	603.0188

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	111.1829
Worker																	699.6546
Total																	810.8375

1360 Vine (Office Option) -
Construction Emissions (Annual)

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road																	603.0181
Total																	603.0181

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	111.1829
Worker																	699.6546
Total																	810.8375

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road																	67.2122
Total																	67.2122

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	12.3253

1360 Vine (Office Option) -
Construction Emissions (Annual)

Worker																		74.9649
Total																		87.2902

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road																	67.2121
Total																	67.2121

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	12.3253
Worker																	74.9649
Total																	87.2902

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Archit. Coating																	0.0000
Off-Road																	16.7474
Total																	16.7474

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

1360 Vine (Office Option) -
Construction Emissions (Annual)

Hauling																		0.0000
Vendor																		0.0000
Worker																		0.0000
Total																		0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Archit. Coating																	0.0000
Off-Road																	16.7473
Total																	16.7473

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	0.0000
Worker																	0.0000
Total																	0.0000

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Archit. Coating																	0.0000
Off-Road																	4.4743
Total																	4.4743

Unmitigated Construction Off-Site

1360 Vine (Office Option) -
Construction Emissions (Annual)

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	0.0000
Worker																	0.0000
Total																	0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Archit. Coating																	0.0000
Off-Road																	4.4743
Total																	4.4743

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	0.0000
Worker																	0.0000
Total																	0.0000

3.8 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road																	21.0337
Paving																	0.0000
Total																	21.0337

1360 Vine (Office Option) -
Construction Emissions (Annual)

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling																0.0000
Vendor																9.5081
Worker																5.7830
Total																15.2911

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road																21.0337
Paving																0.0000
Total																21.0337

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling																0.0000
Vendor																9.5081
Worker																5.7830
Total																15.2911

1300 N Vine Stree Baseline (Existing) - Los Angeles-South Coast County, Annual

1300 N Vine Stree Baseline (Existing)
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	21.60	1000sqft	0.50	21,600.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Parking Lot	0.39	Acre	0.39	16,988.40	0
Strip Mall	8.00	1000sqft	0.18	8,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11	Operational Year	2017		
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	862	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP SB100 Carbon Intensity (Year 2017) - 862 lbs/MWh

Land Use - Based on traffic study

Construction Phase -

Vehicle Trips - Based on traffic study.

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Road Dust -

Woodstoves - No wood stoves.

Energy Use - Historic

Mobile Land Use Mitigation -

Energy Mitigation -

Waste Mitigation - City of LA Diversion Rate

Fleet Mix -

Stationary Sources - Emergency Generators and Fire Pumps -

Stationary Sources - Emergency Generators and Fire Pumps EF -

Table Name	Column Name	Default Value	New Value
tblProjectCharacteristics	CO2IntensityFactor	1227.89	862
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	6.94
tblVehicleTrips	CC_TTP	48.00	0.00

1360 Vine -
Existing Emissions (Annual)

tblVehicleTrips	CC_TTP	64.40	0.00
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	16.60	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	77.00	0.00
tblVehicleTrips	PR_TP	45.00	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	ST_TR	0.00	352.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	SU_TR	0.00	352.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblVehicleTrips	WD_TR	0.00	352.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area																8.2000e-004
Energy																200.2213
Mobile																432.7789
Waste																14.3277
Water																40.4934

1360 Vine -
Existing Emissions (Annual)

Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
User Defined Commercial	0.00	6.94	0.00	0.00	100.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968
Parking Lot	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968
Strip Mall	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968
User Defined Commercial	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated																185.0154
Electricity Unmitigated																185.0154
NaturalGas Mitigated																15.2059
NaturalGas Unmitigated																15.2059

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	268704																14.4243
Parking Lot	0																0.0000
Strip Mall	14560																0.7816
User Defined Commercial	0																0.0000
Total																	15.2059

Mitigated

1360 Vine -
Existing Emissions (Annual)

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	tons/yr										MT/yr						
General Office Building	268704																	14.4243
Parking Lot	0																	0.0000
Strip Mall	14560																	0.7816
User Defined Commercial	0																	0.0000
Total																		15.2059

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	329184				129.0851
Parking Lot	14949.8				5.8624
Strip Mall	127680				50.0680
User Defined Commercial	0				0.0000
Total					185.0154

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	329184				129.0851
Parking Lot	14949.8				5.8624
Strip Mall	127680				50.0680
User Defined Commercial	0				0.0000
Total					185.0154

6.0 Area Detail

6.1 Mitigation Measures Area

1360 Vine -
Existing Emissions (Annual)

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Mitigated																	8.2000e-004
Unmitigated																	8.2000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
SubCategory	tons/yr										MT/yr						
Architectural Coating																	0.0000
Consumer Products																	0.0000
Landscaping																	8.2000e-004
Total																	8.2000e-004

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
SubCategory	tons/yr										MT/yr						
Architectural Coating																	0.0000
Consumer Products																	0.0000
Landscaping																	8.2000e-004
Total																	8.2000e-004

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated				40.4934
Unmitigated				40.4934

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	3.83905 / 2.35297				35.0788
Parking Lot	0 / 0				0.0000
Strip Mall	0.59258 / 0.363194				5.4146
User Defined Commercial	0 / 0				0.0000
Total					40.4934

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	3.83905 / 2.35297				35.0788
Parking Lot	0 / 0				0.0000
Strip Mall	0.59258 / 0.363194				5.4146
User Defined Commercial	0 / 0				0.0000
Total					40.4934

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated				3.3813
Unmitigated				14.3277

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	20.09				10.1033
Parking Lot	0				0.0000
Strip Mall	8.4				4.2244
User Defined Commercial	0				0.0000
Total					14.3277

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	4.74124				2.3844
Parking Lot	0				0.0000
Strip Mall	1.9824				0.9970
User Defined Commercial	0				0.0000
Total					3.3813

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

1300 N Vine Stree Baseline (Buildout) - Los Angeles-South Coast County, Annual

1300 N Vine Stree Baseline (Buildout)
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	21.60	1000sqft	0.50	21,600.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Parking Lot	0.39	Acre	0.39	16,988.40	0
Strip Mall	8.00	1000sqft	0.18	8,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11	Operational Year	2025		
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	616	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP SB100 Carbon Intensity (Year 2025) - 616 lbs/MWh

Land Use - Based on traffic study

Construction Phase -

Vehicle Trips - Based on traffic study.

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Road Dust -

Woodstoves - No wood stoves.

Energy Use - Historic

Mobile Land Use Mitigation -

Energy Mitigation -

Waste Mitigation - City of LA Diversion Rate

Fleet Mix -

Stationary Sources - Emergency Generators and Fire Pumps -

Stationary Sources - Emergency Generators and Fire Pumps EF -

Table Name	Column Name	Default Value	New Value
tblProjectCharacteristics	CO2IntensityFactor	1227.89	616
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	6.94
tblVehicleTrips	CC_TTP	48.00	0.00

1360 Vine - Existing Buildout Year (Annual)

tblVehicleTrips	CC_TTP	64.40	0.00
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	16.60	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	77.00	0.00
tblVehicleTrips	PR_TP	45.00	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	ST_TR	0.00	352.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	SU_TR	0.00	352.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblVehicleTrips	WD_TR	0.00	352.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area																8.2000e-004
Energy																147.5745
Mobile																353.2979
Waste																14.3277
Water																30.6874

1360 Vine - Existing Buildout Year (Annual)

Total																			545.8883
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Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Area																	8.2000e-004
Energy																	147.5745
Mobile																	353.2979
Waste																	3.3813
Water																	30.6874
Total																	534.9420

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.01

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Mitigated																	353.2979
Unmitigated																	353.2979

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
General Office Building	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
User Defined Commercial	352.00	352.00	352.00	889,208	889,208
Total	352.00	352.00	352.00	889,208	889,208

4.3 Trip Type Information

	Miles	Trip %	Trip Purpose %

1360 Vine - Existing Buildout Year (Annual)

Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
User Defined Commercial	0.00	6.94	0.00	0.00	100.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Parking Lot	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Strip Mall	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
User Defined Commercial	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated																132.3687
Electricity Unmitigated																132.3687
NaturalGas Mitigated																15.2059
NaturalGas Unmitigated																15.2059

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	268704																14.4243
Parking Lot	0																0.0000
Strip Mall	14560																0.7816
User Defined Commercial	0																0.0000
Total																	15.2059

Mitigated

1360 Vine - Existing Buildout Year (Annual)

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	tons/yr										MT/yr						
General Office Building	268704																	14.4243
Parking Lot	0																	0.0000
Strip Mall	14560																	0.7816
User Defined Commercial	0																	0.0000
Total																		15.2059

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	329184				92.3535
Parking Lot	14949.8				4.1942
Strip Mall	127680				35.8210
User Defined Commercial	0				0.0000
Total					132.3687

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	329184				92.3535
Parking Lot	14949.8				4.1942
Strip Mall	127680				35.8210
User Defined Commercial	0				0.0000
Total					132.3687

6.0 Area Detail

6.1 Mitigation Measures Area

1360 Vine - Existing Buildout Year (Annual)

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Mitigated																	8.2000e-004
Unmitigated																	8.2000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
SubCategory	tons/yr										MT/yr						
Architectural Coating																	0.0000
Consumer Products																	0.0000
Landscaping																	8.2000e-004
Total																	8.2000e-004

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
SubCategory	tons/yr										MT/yr						
Architectural Coating																	0.0000
Consumer Products																	0.0000
Landscaping																	8.2000e-004
Total																	8.2000e-004

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated				30.6874
Unmitigated				30.6874

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	3.83905 / 2.35297				26.5840
Parking Lot	0 / 0				0.0000
Strip Mall	0.59258 / 0.363194				4.1034
User Defined Commercial	0 / 0				0.0000
Total					30.6874

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	3.83905 / 2.35297				26.5840
Parking Lot	0 / 0				0.0000
Strip Mall	0.59258 / 0.363194				4.1034
User Defined Commercial	0 / 0				0.0000
Total					30.6874

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated				3.3813
Unmitigated				14.3277

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	20.09				10.1033
Parking Lot	0				0.0000
Strip Mall	8.4				4.2244
User Defined Commercial	0				0.0000
Total					14.3277

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	4.74124				2.3844
Parking Lot	0				0.0000
Strip Mall	1.9824				0.9970
User Defined Commercial	0				0.0000
Total					3.3813

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
----------------	--------	----------------	-----------------	---------------	-----------

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

1360 N.Vine-Residential Option with Bungalows (No MXD Reductions) - Los Angeles-South Coast County, Annual

1360 N.Vine-Residential Option with Bungalows (No MXD Reductions)
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Enclosed Parking with Elevator	764.00	Space	6.88	305,600.00	0
Apartments High Rise	417.00	Dwelling Unit	6.73	415,433.00	1193
Single Family Housing	12.00	Dwelling Unit	3.90	8,998.00	34
Strip Mall	5.00	1000sqft	0.11	5,000.00	0
Supermarket	55.00	1000sqft	1.26	55,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	616	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP SB100 Carbon Intensity (Year 2025) - 616 lbs/MWh

Land Use - User Defined Commercial = Project VMT

Construction Phase - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Trips and VMT - Site Specific. Haul truck trips were included in vendor as peak daily. The vehicle class was modified to be HHDT with a one-way trip

distance of 15.0 miles (Suball Canyon Landfill)

Demolition -

Grading -

Architectural Coating -

Woodstoves - No Hearth

Area Coating -

Energy Use - see assumptions

Construction Off-road Equipment Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation - City of LA Waste Diversion Rate 76.4%

Fleet Mix -

Stationary Sources - Emergency Generators and Fire Pumps -

1360 Vine (Residential Option with Bungalows) -
Operational Emissions (Annual) - No MXD Adjustments

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	87.00
tblConstructionPhase	NumDays	300.00	4.00
tblConstructionPhase	NumDays	300.00	635.00
tblConstructionPhase	NumDays	20.00	54.00
tblConstructionPhase	NumDays	30.00	168.00
tblConstructionPhase	NumDays	20.00	27.00
tblConstructionPhase	NumDays	10.00	131.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblEnergyUse	T24E	3.92	0.46
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	354.45	0.00
tblFireplaces	NumberNoFireplace	41.70	0.00
tblFireplaces	NumberWood	20.85	0.00
tblGrading	MaterialExported	0.00	142,000.00
tblLandUse	LandUseSquareFeet	417,000.00	415,433.00
tblLandUse	LandUseSquareFeet	21,600.00	8,998.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

1360 Vine (Residential Option with Bungalows) -
Operational Emissions (Annual) - No MXD Adjustments

tblProjectCharacteristics	CO2IntensityFactor	1227.89	616
tblTripsAndVMT	HaulingTripNumber	170.00	0.00
tblTripsAndVMT	HaulingTripNumber	17,750.00	0.00
tblTripsAndVMT	VendorTripLength	6.90	15.80
tblTripsAndVMT	VendorTripLength	6.90	15.80
tblTripsAndVMT	VendorTripLength	6.90	13.80
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	170.00
tblTripsAndVMT	VendorTripNumber	106.00	175.00
tblTripsAndVMT	VendorTripNumber	0.00	100.00
tblTripsAndVMT	VendorTripNumber	106.00	30.00
tblTripsAndVMT	VendorTripNumber	0.00	30.00
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	WorkerTripNumber	13.00	25.00
tblTripsAndVMT	WorkerTripNumber	15.00	75.00
tblTripsAndVMT	WorkerTripNumber	452.00	25.00
tblTripsAndVMT	WorkerTripNumber	38.00	175.00
tblTripsAndVMT	WorkerTripNumber	452.00	500.00
tblTripsAndVMT	WorkerTripNumber	90.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	50.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	6.16
tblVehicleTrips	CC_TTP	64.40	0.00
tblVehicleTrips	CC_TTP	74.50	0.00
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	16.60	0.00
tblVehicleTrips	CW_TTP	6.50	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TL	8.70	0.00

1360 Vine (Residential Option with Bungalows) -
Operational Emissions (Annual) - No MXD Adjustments

tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	HW_TTP	40.20	0.00
tblVehicleTrips	HW_TTP	40.20	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PB_TP	36.00	0.00
tblVehicleTrips	PR_TP	86.00	0.00
tblVehicleTrips	PR_TP	86.00	0.00
tblVehicleTrips	PR_TP	45.00	0.00
tblVehicleTrips	PR_TP	34.00	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	4.98	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	ST_TR	177.59	0.00
tblVehicleTrips	ST_TR	0.00	8,453.00
tblVehicleTrips	SU_TR	3.65	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	SU_TR	166.44	0.00
tblVehicleTrips	SU_TR	0.00	8,453.00
tblVehicleTrips	WD_TR	4.20	0.00
tblVehicleTrips	WD_TR	9.52	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblVehicleTrips	WD_TR	102.24	0.00
tblVehicleTrips	WD_TR	0.00	8,453.00
tblWoodstoves	NumberCatalytic	20.85	0.00
tblWoodstoves	NumberNoncatalytic	20.85	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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1360 Vine (Residential Option with Bungalows) -
Operational Emissions (Annual) - No MXD Adjustments

Category	tons/yr										MT/yr						
Area																	11.2664
Energy																	1,580.4997
Mobile																	7,596.1208
Stationary																	1.3757
Waste																	264.8933
Water																	237.7483
Total																	9,691.9041

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Area																	11.2664
Energy																	1,552.9660
Mobile																	7,596.1208
Stationary																	1.3757
Waste																	62.5148
Water																	237.7483
Total																	9,461.9919

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.37

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Mitigated																	7,596.1208
Unmitigated																	7,596.1208

1360 Vine (Residential Option with Bungalows) -
Operational Emissions (Annual) - No MXD Adjustments

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments High Rise	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Supermarket	0.00	0.00	0.00		
User Defined Commercial	8,453.00	8,453.00	8,453.00	18,940,376	18,940,376
Total	8,453.00	8,453.00	8,453.00	18,940,376	18,940,376

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments High Rise	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Supermarket	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
User Defined Commercial	0.00	6.16	0.00	0.00	100.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Single Family Housing	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Apartments High Rise	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Enclosed Parking with Elevator	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Strip Mall	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Supermarket	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
User Defined Commercial	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Electricity Mitigated																1,277.5433
Electricity Unmitigated																1,290.8659
NaturalGas Mitigated																275.4227
NaturalGas Unmitigated																289.6338

5.2 Energy by Land Use - NaturalGas

1360 Vine (Residential Option with Bungalows) -
Operational Emissions (Annual) - No MXD Adjustments

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	tons/yr										MT/yr						
Apartments High Rise	3.84346e+006																	206.3207
Enclosed Parking with Elevator	0																	0.0000
Single Family Housing	329955																	17.7123
Strip Mall	8200																	0.4402
Supermarket	1.21385e+006																	65.1606
User Defined Commercial	0																	0.0000
Total																		289.6338

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	tons/yr										MT/yr						
Apartments High Rise	3.66057e+006																	196.5028
Enclosed Parking with Elevator	0																	0.0000
Single Family Housing	302757																	16.2523
Strip Mall	7625																	0.4093
Supermarket	1.15979e+006																	62.2583
User Defined Commercial	0																	0.0000
Total																		275.4227

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	1.65135e+006				463.2918
Enclosed Parking with Elevator	733440				205.7686
Single Family Housing	95708.5				26.8513
Strip Mall	67500				18.9373
Supermarket	2.05315e+006				576.0169

1360 Vine (Residential Option with Bungalows) -
Operational Emissions (Annual) - No MXD Adjustments

User Defined Commercial	0				0.0000
Total					1,290.8659

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	1.64449e+006				461.3668
Enclosed Parking with Elevator	719382				201.8247
Single Family Housing	95455.4				26.7803
Strip Mall	65495				18.3748
Supermarket	2.02884e+006				569.1967
User Defined Commercial	0				0.0000
Total					1,277.5433

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated																11.2664
Unmitigated																11.2664

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating																0.0000
Consumer Products																0.0000
Hearth																3.8448

1360 Vine (Residential Option with Bungalows) -
Operational Emissions (Annual) - No MXD Adjustments

Landscaping																		7.4216
Total																		11.2664

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
SubCategory	tons/yr										MT/yr						
Architectural Coating																	0.0000
Consumer Products																	0.0000
Hearth																	3.8448
Landscaping																	7.4216
Total																	11.2664

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated				237.7483
Unmitigated				237.7483

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	27.9511 / 17.6213				195.0780
Enclosed Parking with Elevator	0 / 0				0.0000
Single Family Housing	0.781848 / 0.492904				5.4567
Strip Mall	0.370363 / 0.226996				2.5646
Supermarket	6.77975 / 0.209683				34.6489
User Defined Commercial	0 / 0				0.0000

1360 Vine (Residential Option with Bungalows) -
Operational Emissions (Annual) - No MXD Adjustments

Total				237.7483
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Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	27.9511 / 17.6213				195.0780
Enclosed Parking with Elevator	0 / 0				0.0000
Single Family Housing	0.781848 / 0.492904				5.4567
Strip Mall	0.370363 / 0.226996				2.5646
Supermarket	6.77975 / 0.209683				34.6489
User Defined Commercial	0 / 0				0.0000
Total					237.7483

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated				62.5148
Unmitigated				264.8933

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	197.34				99.2426
Enclosed Parking with Elevator	0				0.0000
Single Family Housing	13.94				7.0105
Strip Mall	5.25				2.6402

1360 Vine (Residential Option with Bungalows) -
Operational Emissions (Annual) - No MXD Adjustments

Supermarket	310.2			156.0001
User Defined Commercial	0			0.0000
Total				264.8933

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	46.5722				23.4213
Enclosed Parking with Elevator	0				0.0000
Single Family Housing	3.28984				1.6545
Strip Mall	1.239				0.6231
Supermarket	73.2072				36.8160
User Defined Commercial	0				0.0000
Total					62.5148

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0.5	12	300	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
----------------	--------

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	tons/yr										MT/yr					
Emergency Generator - Diesel																1.3757
Total																1.3757

11.0 Vegetation

1360 Vine (Residential Option with Restaurant) -
Operational Emissions (Annual) - No MXD Adjustments

CalEEMod Version: CalEEMod.2016.3.2

Page 1 of 1

Date: 7/15/2021 6:05 PM

1360 N.Vine-Residential Option with Restaurant (No MXD Reductions) - Los Angeles-South Coast County, Annual

1360 N.Vine-Residential Option with Restaurant (No MXD Reductions)
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Enclosed Parking with Elevator	764.00	Space	6.88	305,600.00	0
High Turnover (Sit Down Restaurant)	8.99	1000sqft	0.21	8,990.00	0
Apartments High Rise	429.00	Dwelling Unit	6.92	415,433.00	1227
Strip Mall	5.00	1000sqft	0.11	5,000.00	0
Supermarket	55.00	1000sqft	1.26	55,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11	Operational Year	2025		
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	616	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP SB100 Carbon Intensity (Year 2025) - 616 lbs/MWh

Land Use - User Defined Commercial = Project VMT

Construction Phase - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Trips and VMT - Site Specific. Haul truck trips were included in vendor as peak daily. The vehicle class was modified to be HHDT with a one-way trip

distance of 15.8 miles (Sabell Canyon Landfill)

Demolition -

Grading -

Architectural Coating -

Woodstoves - No Hearth

Area Coating -

Energy Use - see assumptions

Construction Off-road Equipment Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation - City of LA Waste Diversion Rate 76.4%

Fleet Mix -

1360 Vine (Residential Option with Restaurant) -
Operational Emissions (Annual) - No MXD Adjustments

Stationary Sources - Emergency Generators and Fire Pumps -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	87.00
tblConstructionPhase	NumDays	300.00	4.00
tblConstructionPhase	NumDays	300.00	635.00
tblConstructionPhase	NumDays	20.00	54.00
tblConstructionPhase	NumDays	30.00	168.00
tblConstructionPhase	NumDays	20.00	27.00
tblConstructionPhase	NumDays	10.00	131.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblEnergyUse	T24E	3.92	0.46
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	364.65	0.00
tblFireplaces	NumberNoFireplace	42.90	0.00
tblFireplaces	NumberWood	21.45	0.00
tblGrading	MaterialExported	0.00	142,000.00
tblLandUse	LandUseSquareFeet	429,000.00	415,433.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

1360 Vine (Residential Option with Restaurant) -
Operational Emissions (Annual) - No MXD Adjustments

tblProjectCharacteristics	CO2IntensityFactor	1227.89	616
tblTripsAndVMT	HaulingTripNumber	170.00	0.00
tblTripsAndVMT	HaulingTripNumber	17,750.00	0.00
tblTripsAndVMT	VendorTripLength	6.90	15.80
tblTripsAndVMT	VendorTripLength	6.90	15.80
tblTripsAndVMT	VendorTripLength	6.90	13.80
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	170.00
tblTripsAndVMT	VendorTripNumber	107.00	175.00
tblTripsAndVMT	VendorTripNumber	0.00	100.00
tblTripsAndVMT	VendorTripNumber	107.00	30.00
tblTripsAndVMT	VendorTripNumber	0.00	30.00
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	WorkerTripNumber	13.00	25.00
tblTripsAndVMT	WorkerTripNumber	15.00	75.00
tblTripsAndVMT	WorkerTripNumber	460.00	25.00
tblTripsAndVMT	WorkerTripNumber	38.00	175.00
tblTripsAndVMT	WorkerTripNumber	460.00	500.00
tblTripsAndVMT	WorkerTripNumber	92.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	50.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	6.19
tblVehicleTrips	CC_TTP	72.50	0.00
tblVehicleTrips	CC_TTP	64.40	0.00
tblVehicleTrips	CC_TTP	74.50	0.00
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	8.50	0.00
tblVehicleTrips	CW_TTP	16.60	0.00
tblVehicleTrips	CW_TTP	6.50	0.00

1360 Vine (Residential Option with Restaurant) -
Operational Emissions (Annual) - No MXD Adjustments

tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	20.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	HW_TTP	40.20	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PB_TP	36.00	0.00
tblVehicleTrips	PR_TP	86.00	0.00
tblVehicleTrips	PR_TP	37.00	0.00
tblVehicleTrips	PR_TP	45.00	0.00
tblVehicleTrips	PR_TP	34.00	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	4.98	0.00
tblVehicleTrips	ST_TR	158.37	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	ST_TR	177.59	0.00
tblVehicleTrips	ST_TR	0.00	9,179.00
tblVehicleTrips	SU_TR	3.65	0.00
tblVehicleTrips	SU_TR	131.84	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	SU_TR	166.44	0.00
tblVehicleTrips	SU_TR	0.00	9,179.00
tblVehicleTrips	WD_TR	4.20	0.00
tblVehicleTrips	WD_TR	127.15	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblVehicleTrips	WD_TR	102.24	0.00
tblVehicleTrips	WD_TR	0.00	9,179.00
tblWoodstoves	NumberCatalytic	21.45	0.00
tblWoodstoves	NumberNoncatalytic	21.45	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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1360 Vine (Residential Option with Restaurant) -
Operational Emissions (Annual) - No MXD Adjustments

Category	tons/yr										MT/yr						
Area																	7.4218
Energy																	1,777.8969
Mobile																	8,285.8940
Stationary																	1.3757
Waste																	311.6833
Water																	246.5171
Total																	10,630.7888

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Area																	7.4218
Energy																	1,747.4367
Mobile																	8,285.8940
Stationary																	1.3757
Waste																	73.5573
Water																	246.5171
Total																	10,362.2025

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.53

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Mitigated																	8,285.8940
Unmitigated																	8,285.8940

1360 Vine (Residential Option with Restaurant) -
Operational Emissions (Annual) - No MXD Adjustments

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments High Rise	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Supermarket	0.00	0.00	0.00		
User Defined Commercial	9,179.00	9,179.00	9,179.00	20,668,648	20,668,648
Total	9,179.00	9,179.00	9,179.00	20,668,648	20,668,648

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments High Rise	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Supermarket	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
User Defined Commercial	0.00	6.19	0.00	0.00	100.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments High Rise	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Enclosed Parking with Elevator	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
High Turnover (Sit Down Restaurant)	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Strip Mall	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Supermarket	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
User Defined Commercial	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated																1,373.3229
Electricity Unmitigated																1,388.6754
Natural Gas Mitigated																374.1138
Natural Gas Unmitigated																389.2216

5.2 Energy by Land Use - Natural Gas

1360 Vine (Residential Option with Restaurant) -
Operational Emissions (Annual) - No MXD Adjustments

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	tons/yr										MT/yr						
Apartments High Rise	3.95407e+006																	212.2580
Enclosed Parking with Elevator	0																	0.0000
High Turnover (Sit Down Restaurant)	2.07453e+006																	111.3628
Strip Mall	8200																	0.4402
Supermarket	1.21385e+006																	65.1606
User Defined Commercial	0																	0.0000
Total																		389.2216

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	tons/yr										MT/yr						
Apartments High Rise	3.76591e+006																	202.1576
Enclosed Parking with Elevator	0																	0.0000
High Turnover (Sit Down Restaurant)	2.03589e+006																	109.2886
Strip Mall	7625																	0.4093
Supermarket	1.15979e+006																	62.2583
User Defined Commercial	0																	0.0000
Total																		374.1138

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	1.69887e+006				476.6239
Enclosed Parking with Elevator	733440				205.7686
High Turnover (Sit Down Restaurant)	396819				111.3286
Strip Mall	67500				18.9373
Supermarket	2.05315e+006				576.0169

1360 Vine (Residential Option with Restaurant) -
Operational Emissions (Annual) - No MXD Adjustments

User Defined Commercial	0				0.0000
Total					1,388.6754

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	1.69182e+006				474.6436
Enclosed Parking with Elevator	719382				201.8247
High Turnover (Sit Down Restaurant)	389528				109.2831
Strip Mall	65495				18.3748
Supermarket	2.02884e+006				569.1967
User Defined Commercial	0				0.0000
Total					1,373.3229

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated																7.4218
Unmitigated																7.4218

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating																0.0000
Consumer Products																0.0000
Hearth																0.0000

1360 Vine (Residential Option with Restaurant) -
Operational Emissions (Annual) - No MXD Adjustments

Landscaping																		7.4218
Total																		7.4218

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
SubCategory	tons/yr										MT/yr						
Architectural Coating																	0.0000
Consumer Products																	0.0000
Hearth																	0.0000
Landscaping																	7.4218
Total																	7.4218

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated				246.5171
Unmitigated				246.5171

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	27.9511 / 17.6213				195.0780
Enclosed Parking with Elevator	0 / 0				0.0000
High Turnover (Strip Down Restaurant)	2.72877 / 0.174177				14.2256
Strip Mall	0.370363 / 0.226996				2.5646
Supermarket	6.77975 / 0.209683				34.6489
User Defined Commercial	0 / 0				0.0000

1360 Vine (Residential Option with Restaurant) -
Operational Emissions (Annual) - No MXD Adjustments

Total				246.5171
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Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	27.9511 / 17.6213				195.0780
Enclosed Parking with Elevator	0 / 0				0.0000
High Turnover (Sit Down Restaurant)	2.72877 / 0.174177				14.2256
Strip Mall	0.370363 / 0.226996				2.5646
Supermarket	6.77975 / 0.209683				34.6489
User Defined Commercial	0 / 0				0.0000
Total					246.5171

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated				73.5573
Unmitigated				311.6833

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	197.34				99.2426
Enclosed Parking with Elevator	0				0.0000
High Turnover (Sit Down Restaurant)	106.98				53.8004
Strip Mall	5.25				2.6402

1360 Vine (Residential Option with Restaurant) -
Operational Emissions (Annual) - No MXD Adjustments

Supermarket	310.2			156.0001
User Defined Commercial	0			0.0000
Total				311.6833

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	46.5722				23.4213
Enclosed Parking with Elevator	0				0.0000
High Turnover (Strip Down Restaurant)	25.2473				12.6969
Strip Mall	1.239				0.6231
Supermarket	73.2072				36.8160
User Defined Commercial	0				0.0000
Total					73.5573

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0.5	12	300	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
----------------	--------

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Equipment Type	tons/yr										MT/yr						
Emergency Generator - Diesel (200 - 200 HP)																	1.3757
Total																	1.3757

11.0 Vegetation

1360 N.Vine-Construction (Regional) - Office Option with Bungalows No MXD Reductions - Los Angeles-South Coast County, Annual

**1360 N.Vine-Construction (Regional) - Office Option with Bungalows No MXD Reductions
Los Angeles-South Coast County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	463.52	1000sqft	10.64	463,521.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Enclosed Parking with Elevator	1,705.00	Space	15.34	682,000.00	0
Quality Restaurant	11.91	1000sqft	0.27	11,914.00	0
Single Family Housing	12.00	Dwelling Unit	3.90	8,998.00	34

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	616	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP SB100 Carbon Intensity (Year 2025) - 616 lbs/MWh

Land Use - See Project Description

User Defined Commercial - Site Specific

Construction Phase - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - see assumptions

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - see construction assumptions

Off-road Equipment - Site Specific

Trips and VMT - Site Specific. Haul truck trips were included in vendor as peak daily. The vehicle class was modified to be HHDT with a one-way trip distance of 45.8 miles (Seball Canyon Landfill)

Demolition -

Grading - see assumptions

Architectural Coating -

Woodstoves - No Wood Burning Fireplaces

Area Coating -

Energy Use - Adjustments for parking energy

Construction Off-road Equipment Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation - City of LA Waste Diversion Rate of 76.4%

1360 Vine (Office Option with Bungalows) -
Operational Emissions (Annual) - No MXD Adjustments

Fleet Mix -

Stationary Sources - Emergency Generators and Fire Pumps -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	35.00	166.00
tblConstructionPhase	NumDays	500.00	4.00
tblConstructionPhase	NumDays	500.00	224.00
tblConstructionPhase	NumDays	500.00	432.00
tblConstructionPhase	NumDays	30.00	54.00
tblConstructionPhase	NumDays	45.00	264.00
tblConstructionPhase	NumDays	35.00	27.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblEnergyUse	T24E	3.92	0.46
tblGrading	MaterialExported	0.00	321,060.00
tblLandUse	LandUseSquareFeet	463,520.00	463,521.00
tblLandUse	LandUseSquareFeet	11,910.00	11,914.00
tblLandUse	LandUseSquareFeet	21,600.00	8,998.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	616

1360 Vine (Office Option with Bungalows) -
Operational Emissions (Annual) - No MXD Adjustments

tblTripsAndVMT	HaulingTripNumber	170.00	0.00
tblTripsAndVMT	HaulingTripNumber	40,133.00	0.00
tblTripsAndVMT	VendorTripLength	6.90	15.80
tblTripsAndVMT	VendorTripLength	6.90	15.80
tblTripsAndVMT	VendorTripLength	6.90	13.80
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	190.00
tblTripsAndVMT	VendorTripNumber	191.00	175.00
tblTripsAndVMT	VendorTripNumber	191.00	100.00
tblTripsAndVMT	VendorTripNumber	191.00	30.00
tblTripsAndVMT	VendorTripNumber	0.00	30.00
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	WorkerTripNumber	13.00	25.00
tblTripsAndVMT	WorkerTripNumber	20.00	75.00
tblTripsAndVMT	WorkerTripNumber	444.00	25.00
tblTripsAndVMT	WorkerTripNumber	444.00	175.00
tblTripsAndVMT	WorkerTripNumber	444.00	500.00
tblTripsAndVMT	WorkerTripNumber	89.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	50.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	7.25
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	69.00	0.00
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	12.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	18.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	0.00

1360 Vine (Office Option with Bungalows) -
Operational Emissions (Annual) - No MXD Adjustments

tblVehicleTrips	HW_TTP	40.20	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	44.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	77.00	0.00
tblVehicleTrips	PR_TP	38.00	0.00
tblVehicleTrips	PR_TP	86.00	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	94.36	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	ST_TR	0.00	5,399.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	72.16	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	SU_TR	0.00	5,399.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	89.95	0.00
tblVehicleTrips	WD_TR	9.52	0.00
tblVehicleTrips	WD_TR	0.00	5,399.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										M1/yr					
Area																4.1095
Energy																2,858.1406
Mobile																5,643.0939
Stationary																1.3757
Waste																229.2627
Water																594.7751
Total																9,330.7574

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										M1/yr					

1360 Vine (Office Option with Bungalows) -
Operational Emissions (Annual) - No MXD Adjustments

Enclosed Parking with Elevator	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
General Office Building	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Quality Restaurant	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Single Family Housing	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
User Defined Commercial	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Electricity Mitigated																	2,362.4180
Electricity Unmitigated																	2,433.8207
NaturalGas Mitigated																	395.1791
NaturalGas Unmitigated																	424.3200

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Enclosed Parking with Elevator	0																0.0000
General Office Building	4.82525e+006																259.0241
Quality Restaurant	2.74927e+006																147.5836
Single Family Housing	329955																17.7123
User Defined Commercial	0																0.0000
Total																	424.3200

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					

1360 Vine (Office Option with Bungalows) -
Operational Emissions (Annual) - No MXD Adjustments

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Mitigated																	4.1095
Unmitigated																	4.1095

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
SubCategory	tons/yr										MT/yr						
Architectural Coating																	0.0000
Consumer Products																	0.0000
Hearth																	3.8448
Landscaping																	0.2646
Total																	4.1095

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
SubCategory	tons/yr										MT/yr						
Architectural Coating																	0.0000
Consumer Products																	0.0000
Hearth																	3.8448
Landscaping																	0.2646
Total																	4.1095

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			

1360 Vine (Office Option with Bungalows) -
Operational Emissions (Annual) - No MXD Adjustments

Mitigated			594.7751
Unmitigated			594.7751

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0 / 0				0.0000
General Office Building	82.3831 / 50.4929				570.4722
Quality Restaurant	3.61509 / 0.23075				18.8461
Single Family Housing	0.781848 / 0.492904				5.4567
User Defined Commercial	0 / 0				0.0000
Total					594.7751

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0 / 0				0.0000
General Office Building	82.3831 / 50.4929				570.4722
Quality Restaurant	3.61509 / 0.23075				18.8461
Single Family Housing	0.781848 / 0.492904				5.4567
User Defined Commercial	0 / 0				0.0000
Total					594.7751

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			

1360 Vine (Office Option with Bungalows) -
Operational Emissions (Annual) - No MXD Adjustments

Mitigated			54.1060
Unmitigated			229.2627

8.2 Waste by Land Use

Unmitigated

Land Use	Waste Disposed	Total CO2	CH4	N2O	CO2e
	tons	MT/yr			
Enclosed Parking with Elevator	0				0.0000
General Office Building	431.07				216.7858
Quality Restaurant	10.87				5.4665
Single Family Housing	13.94				7.0105
User Defined Commercial	0				0.0000
Total					229.2628

Mitigated

Land Use	Waste Disposed	Total CO2	CH4	N2O	CO2e
	tons	MT/yr			
Enclosed Parking with Elevator	0				0.0000
General Office Building	101.733				51.1614
Quality Restaurant	2.56532				1.2901
Single Family Housing	3.28984				1.6545
User Defined Commercial	0				0.0000
Total					54.1060

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0.5	12	300	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
----------------	--------	----------------	-----------------	---------------	-----------

1360 Vine (Office Option with Bungalows) -
Operational Emissions (Annual) - No MXD Adjustments

User Defined Equipment

Equipment Type	Number
----------------	--------

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Equipment Type	tons/yr										MT/yr						
Emergency Generator - Diesel (200 - 200 HP)																	1.3757
Total																	1.3757

11.0 Vegetation

1360 N.Vine-Office Option with Restaurant (No MXD Adjustments) - Los Angeles-South Coast County, Annual

1360 N.Vine-Office Option with Restaurant (No MXD Adjustments)
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	463.52	1000sqft	10.64	463,520.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Enclosed Parking with Elevator	1,693.00	Space	15.24	677,200.00	0
Quality Restaurant	20.90	1000sqft	0.48	20,900.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11	Operational Year		2025	
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	616	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP SB100 Carbon Intensity (Year 2025) - 616 lbs/MWh

Land Use - See Project Description

User Defined Commercial - Primary Trips
Construction Phase - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - see assumptions

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - see construction assumptions

Off-road Equipment - Site Specific

Trips and VMT - Site Specific. Haul truck trips were included in vendor as peak daily. The vehicle class was modified to be HHDT with a one-way trip

distance of 15.8 miles (Sabell Canyon Landfill)

Demolition -

Grading - see assumptions

Architectural Coating -

Woodstoves - No Wood Burning Fireplaces

Area Coating -

Energy Use - Adjustments for parking energy

Construction Off-road Equipment Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation - City of LA Waste Diversion Rate of 76.4%

Stationary Sources - Emergency Generators and Fire Pumps -

1360 Vine (Office Option with Restaurant) -
Operational Emissions (Annual) - No MXD Adjustments

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	35.00	166.00
tblConstructionPhase	NumDays	440.00	4.00
tblConstructionPhase	NumDays	440.00	224.00
tblConstructionPhase	NumDays	440.00	432.00
tblConstructionPhase	NumDays	30.00	54.00
tblConstructionPhase	NumDays	45.00	264.00
tblConstructionPhase	NumDays	35.00	27.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblEnergyUse	T24E	3.92	0.46
tblGrading	MaterialExported	0.00	321,060.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	616
tblTripsAndVMT	HaulingTripNumber	170.00	0.00
tblTripsAndVMT	HaulingTripNumber	40,133.00	0.00
tblTripsAndVMT	VendorTripLength	6.90	15.80
tblTripsAndVMT	VendorTripLength	6.90	15.80
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	190.00

1360 Vine (Office Option with Restaurant) -
Operational Emissions (Annual) - No MXD Adjustments

tblTripsAndVMT	VendorTripNumber	191.00	350.00
tblTripsAndVMT	VendorTripNumber	191.00	100.00
tblTripsAndVMT	VendorTripNumber	191.00	30.00
tblTripsAndVMT	VendorTripNumber	0.00	30.00
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	WorkerTripNumber	13.00	25.00
tblTripsAndVMT	WorkerTripNumber	20.00	75.00
tblTripsAndVMT	WorkerTripNumber	444.00	25.00
tblTripsAndVMT	WorkerTripNumber	444.00	175.00
tblTripsAndVMT	WorkerTripNumber	444.00	500.00
tblTripsAndVMT	WorkerTripNumber	89.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	50.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	7.18
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	69.00	0.00
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	12.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	18.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	44.00	0.00
tblVehicleTrips	PR_TP	77.00	0.00
tblVehicleTrips	PR_TP	38.00	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	94.36	0.00
tblVehicleTrips	ST_TR	0.00	6,092.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	72.16	0.00
tblVehicleTrips	SU_TR	0.00	6,092.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	89.95	0.00
tblVehicleTrips	WD_TR	0.00	6,092.00

2.0 Emissions Summary

2.2 Overall Operational Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area																0.0576
Energy																3,032.1521
Mobile																6,310.3045
Stationary																1.3757
Waste																222.2523
Water																589.3183
Total																10,155.4605

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area																0.0576
Energy																2,929.0840
Mobile																6,310.3045
Stationary																1.3757
Waste																52.4515
Water																589.3183
Total																9,882.5916

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.69

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

1360 Vine (Office Option with Restaurant) -
Operational Emissions (Annual) - No MXD Adjustments

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Mitigated																	6,310.3045
Unmitigated																	6,310.3045

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Quality Restaurant	0.00	0.00	0.00		
User Defined Commercial	6,092.00	6,092.00	6,092.00	15,921,564	15,921,564
Total	6,092.00	6,092.00	6,092.00	15,921,564	15,921,564

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Quality Restaurant	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
User Defined Commercial	0.00	7.18	0.00	0.00	100.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
General Office Building	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Quality Restaurant	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
User Defined Commercial	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Electricity Mitigated																	2,440.9176

1360 Vine (Office Option with Restaurant) -
Operational Emissions (Annual) - No MXD Adjustments

Electricity Unmitigated																		2,514.2317
Natural Gas Mitigated																		488.1664
Natural Gas Unmitigated																		517.9204

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	tons/yr										MT/yr						
Enclosed Parking with Elevator	0																	0.0000
General Office Building	4.82524e+006																	259.0235
Quality Restaurant	4.82288e+006																	258.8969
User Defined Commercial	0																	0.0000
Total																		517.9204

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	tons/yr										MT/yr						
Enclosed Parking with Elevator	0																	0.0000
General Office Building	4.3608e+006																	234.0916
Quality Restaurant	4.73306e+006																	254.0748
User Defined Commercial	0																	0.0000
Total																		488.1664

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	2.01806e+006				566.1712
General Office Building	3.02112e+006				1,689.2433
Quality Restaurant	922526				258.8172
User Defined Commercial	0				0.0000
Total					2,514.2317

1360 Vine (Office Option with Restaurant) -
Operational Emissions (Annual) - No MXD Adjustments

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	1.9869e+006				557.4317
General Office Building	5.80791e+006				1,629.4241
Quality Restaurant	905576				254.0619
User Defined Commercial	0				0.0000
Total					2,440.9176

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated																0.0576
Unmitigated																0.0576

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating																0.0000
Consumer Products																0.0000
Landscaping																0.0576
Total																0.0576

Mitigated

1360 Vine (Office Option with Restaurant) -
Operational Emissions (Annual) - No MXD Adjustments

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating																0.0000
Consumer Products																0.0000
Landscaping																0.0576
Total																0.0576

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated				589.3183
Unmitigated				589.3183

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0 / 0				0.0000
General Office Building	82.3831 / 50.4929				570.4722
Quality Restaurant	3.61509 / 0.23075				18.8461
User Defined Commercial	0 / 0				0.0000
Total					589.3183

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0 / 0				0.0000

1360 Vine (Office Option with Restaurant) -
Operational Emissions (Annual) - No MXD Adjustments

General Office Building	82.3831 / 50.4929			570.4722
Quality Restaurant	3.61509 / 0.23075			18.8461
User Defined Commercial	0 / 0			0.0000
Total				589.3183

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated				52.4515
Unmitigated				222.2523

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	0				0.0000
General Office Building	431.07				216.7858
Quality Restaurant	10.87				5.4665
User Defined Commercial	0				0.0000
Total					222.2523

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	0				0.0000
General Office Building	101.733				51.1614
Quality Restaurant	2.56532				1.2901

1360 Vine (Office Option with Restaurant) -
Operational Emissions (Annual) - No MXD Adjustments

User Defined Commercial	0	0.0000
Total		52.4515

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0.5	12	300	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
----------------	--------

10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Equipment Type	tons/yr										MT/yr						
Emergency Generator - Diesel (200,000 HP)																	1.3757
Total																	1.3757

11.0 Vegetation

1360 N.Vine-Residential Option with Bungalows - Los Angeles-South Coast County, Annual

1360 N.Vine-Residential Option with Bungalows
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Enclosed Parking with Elevator	764.00	Space	6.88	305,600.00	0
Apartments High Rise	417.00	Dwelling Unit	6.73	415,433.00	1193
Single Family Housing	12.00	Dwelling Unit	3.90	8,998.00	34
Strip Mall	5.00	1000sqft	0.11	5,000.00	0
Supermarket	55.00	1000sqft	1.26	55,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11	Operational Year	2025		
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	616	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP SB100 Carbon Intensity (Year 2025) - 616 lbs/MWh

Land Use - User Defined Commercial = Project VMT

Construction Phase - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Trips and VMT - Site Specific. Haul truck trips were included in vendor as peak daily. The vehicle class was modified to be HHDT with a one-way trip

distance of 15.8 miles (Sabell Canyon Landfill)

Demolition -

Grading -

Architectural Coating -

Woodstoves - No Hearth

Area Coating -

Energy Use - see assumptions

Construction Off-road Equipment Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation - City of LA Waste Diversion Rate 76.4%

Fleet Mix -

1360 Vine (Residential Option with Bungalows) -
Operational Emissions (Annual) - with PDFs

Stationary Sources - Emergency Generators and Fire Pumps -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	87.00
tblConstructionPhase	NumDays	300.00	4.00
tblConstructionPhase	NumDays	300.00	635.00
tblConstructionPhase	NumDays	20.00	54.00
tblConstructionPhase	NumDays	30.00	168.00
tblConstructionPhase	NumDays	20.00	27.00
tblConstructionPhase	NumDays	10.00	131.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblEnergyUse	T24E	3.92	0.46
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	354.45	0.00
tblFireplaces	NumberNoFireplace	41.70	0.00
tblFireplaces	NumberWood	20.85	0.00
tblGrading	MaterialExported	0.00	142,000.00
tblLandUse	LandUseSquareFeet	417,000.00	415,433.00
tblLandUse	LandUseSquareFeet	21,600.00	8,998.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

1360 Vine (Residential Option with Bungalows) -
Operational Emissions (Annual) - with PDFs

tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	616
tblTripsAndVMT	HaulingTripNumber	170.00	0.00
tblTripsAndVMT	HaulingTripNumber	17,750.00	0.00
tblTripsAndVMT	VendorTripLength	6.90	15.80
tblTripsAndVMT	VendorTripLength	6.90	15.80
tblTripsAndVMT	VendorTripLength	6.90	13.80
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	170.00
tblTripsAndVMT	VendorTripNumber	106.00	175.00
tblTripsAndVMT	VendorTripNumber	0.00	100.00
tblTripsAndVMT	VendorTripNumber	106.00	30.00
tblTripsAndVMT	VendorTripNumber	0.00	30.00
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	WorkerTripNumber	13.00	25.00
tblTripsAndVMT	WorkerTripNumber	15.00	75.00
tblTripsAndVMT	WorkerTripNumber	452.00	25.00
tblTripsAndVMT	WorkerTripNumber	38.00	175.00
tblTripsAndVMT	WorkerTripNumber	452.00	500.00
tblTripsAndVMT	WorkerTripNumber	90.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	50.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	6.32
tblVehicleTrips	CC_TTP	64.40	0.00
tblVehicleTrips	CC_TTP	74.50	0.00
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	16.60	0.00
tblVehicleTrips	CW_TTP	6.50	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00

1360 Vine (Residential Option with Bungalows) -
Operational Emissions (Annual) - with PDFs

tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	HW_TTP	40.20	0.00
tblVehicleTrips	HW_TTP	40.20	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PB_TP	36.00	0.00
tblVehicleTrips	PR_TP	86.00	0.00
tblVehicleTrips	PR_TP	86.00	0.00
tblVehicleTrips	PR_TP	45.00	0.00
tblVehicleTrips	PR_TP	34.00	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	4.98	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	ST_TR	177.59	0.00
tblVehicleTrips	ST_TR	0.00	4,911.00
tblVehicleTrips	SU_TR	3.65	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	SU_TR	166.44	0.00
tblVehicleTrips	SU_TR	0.00	4,911.00
tblVehicleTrips	WD_TR	4.20	0.00
tblVehicleTrips	WD_TR	9.52	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblVehicleTrips	WD_TR	102.24	0.00
tblVehicleTrips	WD_TR	0.00	4,911.00
tblWoodstoves	NumberCatalytic	20.85	0.00
tblWoodstoves	NumberNoncatalytic	20.85	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

**2.2 Overall Operational
Unmitigated Operational**

1360 Vine (Residential Option with Bungalows) -
Operational Emissions (Annual) - with PDFs

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area																11.2664
Energy																1,580.4997
Mobile																4,521.2622
Stationary																1.3757
Waste																264.8933
Water																237.7483
Total																6,617.0455

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area																11.2664
Energy																1,463.1024
Mobile																4,521.2622
Stationary																1.3757
Waste																62.5148
Water																190.1986
Total																6,249.7200

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.55

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated																4,521.2622

1360 Vine (Residential Option with Bungalows) -
Operational Emissions (Annual) - with PDFs

Natural Gas Unmitigated																			289.6338
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5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	tons/yr										MT/yr						
Apartments High Rise	3.84346e+006																	206.3207
Enclosed Parking with Elevator	0																	0.0000
Single Family Housing	329955																	17.7123
Strip Mall	8200																	0.4402
Supermarket	1.21385e+006																	65.1606
User Defined Commercial	0																	0.0000
Total																		289.6338

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	tons/yr										MT/yr						
Apartments High Rise	3.66057e+006																	196.5028
Enclosed Parking with Elevator	0																	0.0000
Single Family Housing	302757																	16.2523
Strip Mall	7625																	0.4093
Supermarket	1.15979e+006																	62.2583
User Defined Commercial	0																	0.0000
Total																		275.4227

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	1.65135e+006				463.2918
Enclosed Parking with Elevator	733440				205.7686
Single Family Housing	95708.5				26.8513

1360 Vine (Residential Option with Bungalows) -
Operational Emissions (Annual) - with PDFs

Strip Mall	67500				18.9373
Supermarket	2.05315e+006				576.0169
User Defined Commercial	0				0.0000
Total					1,290.8659

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	M1/yr			
Apartments High Rise	1.5672e+006				439.6815
Enclosed Parking with Elevator	585682				164.3148
Single Family Housing	90628.9				25.4262
Strip Mall	57670				16.1795
Supermarket	1.93218e+006				542.0778
User Defined Commercial	0				0.0000
Total					1,187.6797

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										M1/yr						
Mitigated																	11.2664
Unmitigated																	11.2664

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
SubCategory	tons/yr										M1/yr						
Architectural Coating																	0.0000

1360 Vine (Residential Option with Bungalows) -
Operational Emissions (Annual) - with PDFs

Consumer Products																		0.0000
Hearth																		3.8448
Landscaping																		7.4216
Total																		11.2664

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
SubCategory	tons/yr										MT/yr						
Architectural Coating																	0.0000
Consumer Products																	0.0000
Hearth																	3.8448
Landscaping																	7.4216
Total																	11.2664

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated				190.1986
Unmitigated				237.7483

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	27.9511 / 17.6213				195.0780
Enclosed Parking with Elevator	0 / 0				0.0000
Single Family Housing	0.781848 / 0.492904				5.4567

1360 Vine (Residential Option with Bungalows) -
Operational Emissions (Annual) - with PDFs

Strip Mall	0.370363 / 0.226996			2.5646
Supermarket	6.77975 / 0.209683			34.6489
User Defined Commercial	0 / 0			0.0000
Total				237.7483

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	M1/yr			
Apartments High Rise	22.3809 / 14.0971				156.0824
Enclosed Parking with Elevator	0 / 0				0.0000
Single Family Housing	0.625479 / 0.394323				4.3654
Strip Mall	0.29629 / 0.181597				2.0517
Supermarket	5.4238 / 0.167746				27.7191
User Defined Commercial	0 / 0				0.0000
Total					190.1986

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	M1/yr			
Mitigated				62.5148
Unmitigated				264.8933

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	197.34				99.2426

1360 Vine (Residential Option with Bungalows) -
Operational Emissions (Annual) - with PDFs

Enclosed Parking with Elevator	0			0.0000
Single Family Housing	13.94			7.0105
Strip Mall	5.25			2.6402
Supermarket	310.2			156.0001
User Defined Commercial	0			0.0000
Total				264.8933

Mitigated

Land Use	Waste Disposed tons	Total CO2 M1/yr	CH4 M1/yr	N2O M1/yr	CO2e M1/yr
Apartments High Rise	46.5722				23.4213
Enclosed Parking with Elevator	0				0.0000
Single Family Housing	3.28984				1.6545
Strip Mall	1.239				0.6231
Supermarket	73.2072				36.8160
User Defined Commercial	0				0.0000
Total					62.5148

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0.5	12	300	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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10.1 Stationary Sources

Unmitigated/Mitigated

Equipment Type	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										M1/yr					

1360 N.Vine-Residential Option with Restaurant (with PDFs) - Los Angeles-South Coast County, Annual

1360 N.Vine-Residential Option with Restaurant (with PDFs)
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Enclosed Parking with Elevator	764.00	Space	6.88	305,600.00	0
High Turnover (Sit Down Restaurant)	8.99	1000sqft	0.21	8,990.00	0
Apartments High Rise	429.00	Dwelling Unit	6.92	415,433.00	1227
Strip Mall	5.00	1000sqft	0.11	5,000.00	0
Supermarket	55.00	1000sqft	1.26	55,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11	Operational Year	2025		
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	616	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP SB100 Carbon Intensity (Year 2025) - 616 lbs/MWh

Land Use - User Defined Commercial = Project VMT

Construction Phase - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Trips and VMT - Site Specific. Haul truck trips were included in vendor as peak daily. The vehicle class was modified to be HHDT with a one-way trip

distance of 15.8 miles (Sabell Canyon Landfill)

Demolition -

Grading -

Architectural Coating -

Woodstoves - No Hearth

Area Coating -

Energy Use - see assumptions

Construction Off-road Equipment Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation - City of LA Waste Diversion Rate 76.4%

Fleet Mix -

1360 Vine (Residential Option with Restaurant) -
Operational Emissions (Annual) - with PDFs

Stationary Sources - Emergency Generators and Fire Pumps -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	87.00
tblConstructionPhase	NumDays	300.00	4.00
tblConstructionPhase	NumDays	300.00	635.00
tblConstructionPhase	NumDays	20.00	54.00
tblConstructionPhase	NumDays	30.00	168.00
tblConstructionPhase	NumDays	20.00	27.00
tblConstructionPhase	NumDays	10.00	131.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblEnergyUse	T24E	3.92	0.46
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	364.65	0.00
tblFireplaces	NumberNoFireplace	42.90	0.00
tblFireplaces	NumberWood	21.45	0.00
tblGrading	MaterialExported	0.00	142,000.00
tblLandUse	LandUseSquareFeet	429,000.00	415,433.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

1360 Vine (Residential Option with Restaurant) -
Operational Emissions (Annual) - with PDFs

tblProjectCharacteristics	CO2IntensityFactor	1227.89	616
tblTripsAndVMT	HaulingTripNumber	170.00	0.00
tblTripsAndVMT	HaulingTripNumber	17,750.00	0.00
tblTripsAndVMT	VendorTripLength	6.90	15.80
tblTripsAndVMT	VendorTripLength	6.90	15.80
tblTripsAndVMT	VendorTripLength	6.90	13.80
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	170.00
tblTripsAndVMT	VendorTripNumber	107.00	175.00
tblTripsAndVMT	VendorTripNumber	0.00	100.00
tblTripsAndVMT	VendorTripNumber	107.00	30.00
tblTripsAndVMT	VendorTripNumber	0.00	30.00
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	WorkerTripNumber	13.00	25.00
tblTripsAndVMT	WorkerTripNumber	15.00	75.00
tblTripsAndVMT	WorkerTripNumber	460.00	25.00
tblTripsAndVMT	WorkerTripNumber	38.00	175.00
tblTripsAndVMT	WorkerTripNumber	460.00	500.00
tblTripsAndVMT	WorkerTripNumber	92.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	50.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	6.35
tblVehicleTrips	CC_TTP	72.50	0.00
tblVehicleTrips	CC_TTP	64.40	0.00
tblVehicleTrips	CC_TTP	74.50	0.00
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	8.50	0.00
tblVehicleTrips	CW_TTP	16.60	0.00
tblVehicleTrips	CW_TTP	6.50	0.00

1360 Vine (Residential Option with Restaurant) -
Operational Emissions (Annual) - with PDFs

tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	20.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	0.00
tblVehicleTrips	HW_TTP	40.20	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	43.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PB_TP	36.00	0.00
tblVehicleTrips	PR_TP	86.00	0.00
tblVehicleTrips	PR_TP	37.00	0.00
tblVehicleTrips	PR_TP	45.00	0.00
tblVehicleTrips	PR_TP	34.00	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	4.98	0.00
tblVehicleTrips	ST_TR	158.37	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	ST_TR	177.59	0.00
tblVehicleTrips	ST_TR	0.00	5,371.00
tblVehicleTrips	SU_TR	3.65	0.00
tblVehicleTrips	SU_TR	131.84	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	SU_TR	166.44	0.00
tblVehicleTrips	SU_TR	0.00	5,371.00
tblVehicleTrips	WD_TR	4.20	0.00
tblVehicleTrips	WD_TR	127.15	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblVehicleTrips	WD_TR	102.24	0.00
tblVehicleTrips	WD_TR	0.00	5,371.00
tblWoodstoves	NumberCatalytic	21.45	0.00
tblWoodstoves	NumberNoncatalytic	21.45	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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1360 Vine (Residential Option with Restaurant) -
Operational Emissions (Annual) - with PDFs

Category	tons/yr										MT/yr						
Area																	7.4218
Energy																	1,777.896 9
Mobile																	4,966.339 4
Stationary																	1.3757
Waste																	311.6833
Water																	246.5171
Total																	7,311.234 2

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Area																	7.4218
Energy																	1,653.340 8
Mobile																	4,966.339 4
Stationary																	1.3757
Waste																	73.5573
Water																	197.2137
Total																	6,899.248 6

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.63

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Mitigated																	4,966.339 4
Unmitigated																	4,966.339 4

1360 Vine (Residential Option with Restaurant) -
Operational Emissions (Annual) - with PDFs

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments High Rise	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Strip Mall	0.00	0.00	0.00		
Supermarket	0.00	0.00	0.00		
User Defined Commercial	5,371.00	5,371.00	5,371.00	12,414,529	12,414,529
Total	5,371.00	5,371.00	5,371.00	12,414,529	12,414,529

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments High Rise	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Strip Mall	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Supermarket	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
User Defined Commercial	0.00	6.35	0.00	0.00	100.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments High Rise	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Enclosed Parking with Elevator	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
High Turnover (Sit Down Restaurant)	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Strip Mall	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Supermarket	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
User Defined Commercial	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated																1,279.2269
Electricity Unmitigated																1,388.6754
Natural Gas Mitigated																374.1138
Natural Gas Unmitigated																389.2216

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	tons/yr										MT/yr						
Apartments High Rise	3.95407e+006																	212.2580
Enclosed Parking with Elevator	0																	0.0000
High Turnover (Sit Down Restaurant)	2.07453e+006																	111.3628
Strip Mall	8200																	0.4402
Supermarket	1.21385e+006																	65.1606
User Defined Commercial	0																	0.0000
Total																		389.2216

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	tons/yr										MT/yr						
Apartments High Rise	3.76591e+006																	202.1576
Enclosed Parking with Elevator	0																	0.0000
High Turnover (Sit Down Restaurant)	2.03589e+006																	109.2886
Strip Mall	7625																	0.4093
Supermarket	1.15979e+006																	62.2583
User Defined Commercial	0																	0.0000
Total																		374.1138

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	1.69887e+006				476.6239
Enclosed Parking with Elevator	733440				205.7686
High Turnover (Sit Down Restaurant)	396819				111.3286
Strip Mall	67500				18.9373
Supermarket	2.05315e+006				576.0169

1360 Vine (Residential Option with Restaurant) -
Operational Emissions (Annual) - with PDFs

User Defined Commercial	0				0.0000
Total					1,388.6754

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	1.6123e+06				452.3342
Enclosed Parking with Elevator	585682				164.3148
High Turnover (Sit Down Restaurant)	371840				104.3207
Strip Mall	57670				16.1795
Supermarket	1.93218e+006				542.0778
User Defined Commercial	0				0.0000
Total					1,279.2269

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated																7.4218
Unmitigated																7.4218

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating																0.0000
Consumer Products																0.0000
Hearth																0.0000

1360 Vine (Residential Option with Restaurant) -
Operational Emissions (Annual) - with PDFs

Landscaping																		7.4218
Total																		7.4218

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
SubCategory	tons/yr										MT/yr						
Architectural Coating																	0.0000
Consumer Products																	0.0000
Hearth																	0.0000
Landscaping																	7.4218
Total																	7.4218

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	Total CO2	CH4	N2O	CO2e
Category	M1/yr			
Mitigated				197.2137
Unmitigated				246.5171

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	M1/yr			
Apartments High Rise	27.9511 / 17.6213				195.0780
Enclosed Parking with Elevator	0 / 0				0.0000
High Turnover (Sit Down Restaurant)	2.72877 / 0.174177				14.2256
Strip Mall	0.370363 / 0.226996				2.5646
Supermarket	6.77975 / 0.209683				34.6489

1360 Vine (Residential Option with Restaurant) -
Operational Emissions (Annual) - with PDFs

User Defined Commercial	0 / 0			0.0000
Total				246.5171

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	22.3609 / 14.0971				156.0624
Enclosed Parking with Elevator	0 / 0				0.0000
High Turnover (Strip Down Restaurant)	2.18301 / 0.139341				11.3805
Strip Mall	0.29629 / 0.181597				2.0517
Supermarket	5.4238 / 0.167746				27.7191
User Defined Commercial	0 / 0				0.0000
Total					197.2137

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated				73.5573
Unmitigated				311.6833

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	197.34				99.2426
Enclosed Parking with Elevator	0				0.0000
High Turnover (Strip Down Restaurant)	106.98				53.8004

1360 Vine (Residential Option with Restaurant) -
Operational Emissions (Annual) - with PDFs

Strip Mall	5.25			2.6402
Supermarket	310.2			156.0001
User Defined Commercial	0			0.0000
Total				311.6833

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	46.5722				23.4213
Enclosed Parking with Elevator	0				0.0000
High Turnover (Sit Down Restaurant)	25.2473				12.6969
Strip Mall	1.239				0.6231
Supermarket	73.2072				36.8160
User Defined Commercial	0				0.0000
Total					73.5573

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0.5	12	300	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio-CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	tons/yr										MT/yr					
Emergency Generator - Diesel (200-500 HP)																1.3757

1360 Vine (Residential Option with Restaurant) -
Operational Emissions (Annual) - with PDFs

Total																		1.3757
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11.0 Vegetation

1360 N.Vine-Construction (Regional) - Office Option with Bungalows with PDFs - Los Angeles-South Coast County, Annual

1360 N.Vine-Construction (Regional) - Office Option with Bungalows with PDFs
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	463.52	1000sqft	10.64	463,521.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Enclosed Parking with Elevator	1,705.00	Space	15.34	682,000.00	0
Quality Restaurant	11.91	1000sqft	0.27	11,914.00	0
Single Family Housing	12.00	Dwelling Unit	3.90	8,998.00	34

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	616	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP SB100 Carbon Intensity (Year 2025) - 616 lbs/MWh

Land Use - See Project Description

User Defined Commercial - Site Specific

Construction Phase - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - see assumptions

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - see construction assumptions

Off-road Equipment - Site Specific

Trips and VMT - Site Specific. Haul truck trips were included in vendor as peak daily. The vehicle class was modified to be HHDT with a one-way trip distance of 45.8 miles (Seball Canyon Landfill)

Demolition -

Grading - see assumptions

Architectural Coating -

Woodstoves - No Wood Burning Fireplaces

Area Coating -

Energy Use - Adjustments for parking energy

Construction Off-road Equipment Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation - City of LA Waste Diversion Rate of 76.4%

1360 Vine (Office Option with Bungalows) -
Operational Emissions (Annual) - with PDFs

Fleet Mix -

Stationary Sources - Emergency Generators and Fire Pumps -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	35.00	166.00
tblConstructionPhase	NumDays	500.00	4.00
tblConstructionPhase	NumDays	500.00	224.00
tblConstructionPhase	NumDays	500.00	432.00
tblConstructionPhase	NumDays	30.00	54.00
tblConstructionPhase	NumDays	45.00	264.00
tblConstructionPhase	NumDays	35.00	27.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblEnergyUse	T24E	3.92	0.46
tblGrading	MaterialExported	0.00	321,060.00
tblLandUse	LandUseSquareFeet	463,520.00	463,521.00
tblLandUse	LandUseSquareFeet	11,910.00	11,914.00
tblLandUse	LandUseSquareFeet	21,600.00	8,998.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	616

1360 Vine (Office Option with Bungalows) -
Operational Emissions (Annual) - with PDFs

tblTripsAndVMT	HaulingTripNumber	170.00	0.00
tblTripsAndVMT	HaulingTripNumber	40,133.00	0.00
tblTripsAndVMT	VendorTripLength	6.90	15.80
tblTripsAndVMT	VendorTripLength	6.90	15.80
tblTripsAndVMT	VendorTripLength	6.90	13.80
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	190.00
tblTripsAndVMT	VendorTripNumber	191.00	175.00
tblTripsAndVMT	VendorTripNumber	191.00	100.00
tblTripsAndVMT	VendorTripNumber	191.00	30.00
tblTripsAndVMT	VendorTripNumber	0.00	30.00
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	WorkerTripNumber	13.00	25.00
tblTripsAndVMT	WorkerTripNumber	20.00	75.00
tblTripsAndVMT	WorkerTripNumber	444.00	25.00
tblTripsAndVMT	WorkerTripNumber	444.00	175.00
tblTripsAndVMT	WorkerTripNumber	444.00	500.00
tblTripsAndVMT	WorkerTripNumber	89.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	50.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	7.24
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	69.00	0.00
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	12.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	18.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	0.00

1360 Vine (Office Option with Bungalows) -
Operational Emissions (Annual) - with PDFs

tblVehicleTrips	HW_TTP	40.20	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	44.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	77.00	0.00
tblVehicleTrips	PR_TP	38.00	0.00
tblVehicleTrips	PR_TP	86.00	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	94.36	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	ST_TR	0.00	2,979.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	72.16	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	SU_TR	0.00	2,979.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	89.95	0.00
tblVehicleTrips	WD_TR	9.52	0.00
tblVehicleTrips	WD_TR	0.00	2,979.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										M1/yr					
Area																4.1095
Energy																2,858.1406
Mobile																3,109.6931
Stationary																1.3757
Waste																229.2627
Water																594.7751
Total																6,797.3567

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										M1/yr					

1360 Vine (Office Option with Bungalows) -
Operational Emissions (Annual) - with PDFs

Area																	4.1095
Energy																	2,515.648 2
Mobile																	3,109.693 1
Stationary																	1.3757
Waste																	54.1060
Water																	475.8200
Total																	6,160.752 5

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.37

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated																3,109.693 1
Unmitigated																3,109.693 1

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Quality Restaurant	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
User Defined Commercial	2,979.00	2,979.00	2979.00	7,850,737	7,850,737
Total	2,979.00	2,979.00	2,979.00	7,850,737	7,850,737

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Quality Restaurant	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Single Family Housing	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
User Defined Commercial	0.00	7.24	0.00	0.00	100.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH

1360 Vine (Office Option with Bungalows) -
Operational Emissions (Annual) - with PDFs

Enclosed Parking with Elevator	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
General Office Building	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Quality Restaurant	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Single Family Housing	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
User Defined Commercial	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Electricity Mitigated																	2,120.4691
Electricity Unmitigated																	2,433.8207
Natural Gas Mitigated																	395.1791
Natural Gas Unmitigated																	424.3200

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Enclosed Parking with Elevator	0																0.0000
General Office Building	4.82525e+006																259.0241
Quality Restaurant	2.74927e+006																147.5836
Single Family Housing	329955																17.7123
User Defined Commercial	0																0.0000
Total																	424.3200

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
--	-----------------	-----	-----	----	-----	---------------	--------------	------------	----------------	---------------	-------------	----------	-----------	-----------	-----	-----	------

1360 Vine (Office Option with Bungalows) -
Operational Emissions (Annual) - with PDFs

Land Use	kBTU/yr	tons/yr										M1/yr			
Enclosed Parking with Elevator	0														0.0000
General Office Building	4.36081e+006														234.0921
Quality Restaurant	2.69807e+006														144.8348
Single Family Housing	302757														16.2523
User Defined Commercial	0														0.0000
Total															395.1791

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	M1/yr			
Enclosed Parking with Elevator	2.03236e+006				570.1842
General Office Building	6.02114e+006				1,689.2469
Quality Restaurant	525884				147.5382
Single Family Housing	95708.5				26.8513
User Defined Commercial	0				0.0000
Total					2,433.8207

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	M1/yr			
Enclosed Parking with Elevator	1.60372e+006				449.9289
General Office Building	5.37105e+006				1,506.8629
Quality Restaurant	492781				138.2511
Single Family Housing	90628.9				25.4262
User Defined Commercial	0				0.0000
Total					2,120.4691

6.0 Area Detail

6.1 Mitigation Measures Area

1360 Vine (Office Option with Bungalows) -
Operational Emissions (Annual) - with PDFs

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Mitigated																	4.1095
Unmitigated																	4.1095

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
SubCategory	tons/yr										MT/yr						
Architectural Coating																	0.0000
Consumer Products																	0.0000
Hearth																	3.8448
Landscaping																	0.2646
Total																	4.1095

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
SubCategory	tons/yr										MT/yr						
Architectural Coating																	0.0000
Consumer Products																	0.0000
Hearth																	3.8448
Landscaping																	0.2646
Total																	4.1095

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated				475.8200
Unmitigated				594.7751

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0 / 0				0.0000
General Office Building	82.3831 / 50.4929				570.4722
Quality Restaurant	3.61509 / 0.23075				18.8461
Single Family Housing	0.781848 / 0.492904				5.4567
User Defined Commercial	0 / 0				0.0000
Total					594.7751

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0 / 0				0.0000
General Office Building	65.9065 / 40.3943				456.3778
Quality Restaurant	2.89207 / 0.1846				15.0769
Single Family Housing	0.625479 / 0.394323				4.3654
User Defined Commercial	0 / 0				0.0000
Total					475.8200

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated				54.1060
Unmitigated				229.2627

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	0				0.0000
General Office Building	431.07				216.7858
Quality Restaurant	10.87				5.4665
Single Family Housing	13.94				7.0105
User Defined Commercial	0				0.0000
Total					229.2628

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	0				0.0000
General Office Building	101.733				51.1614
Quality Restaurant	2.56532				1.2901
Single Family Housing	3.28984				1.6545
User Defined Commercial	0				0.0000
Total					54.1060

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0.5	12	300	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Equipment Type	tons/yr										MT/yr						
Emergency Generator - Diesel (200,000 HP)																	1.3757
Total																	1.3757

11.0 Vegetation

1360 N.Vine-Construction (Regional) - Office Option with Restaurant with PDFs - Los Angeles-South Coast County, Annual

1360 N.Vine-Construction (Regional) - Office Option with Restaurant with PDFs
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	463.52	1000sqft	10.64	463,521.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Enclosed Parking with Elevator	1,693.00	Space	15.24	677,200.00	0
Quality Restaurant	20.90	1000sqft	0.48	20,902.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11	Operational Year		2025	
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	616	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP SB100 Carbon Intensity (Year 2025) - 616 lbs/MWh

Land Use - See Project Description

User Defined Commercial - Primary Trips
Construction Phase - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - see assumptions

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific

Off-road Equipment - see construction assumptions

Off-road Equipment - Site Specific

Trips and VMT - Site Specific. Haul truck trips were included in vendor as peak daily. The vehicle class was modified to be HHDT with a one-way trip

distance of 15.8 miles (Sabell Canyon Landfill)

Demolition -

Grading - see assumptions

Architectural Coating -

Woodstoves - No Wood Burning Fireplaces

Area Coating -

Energy Use - Adjustments for parking energy

Construction Off-road Equipment Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation - City of LA Waste Diversion Rate of 76.4%

Stationary Sources - Emergency Generators and Fire Pumps -

1360 Vine (Office Option with Restaurant) -
Operational Emissions (Annual) - with PDFs

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Parking	40,632.00	40,920.00
tblAreaCoating	Area_Parking	40632	40920
tblConstructionPhase	NumDays	35.00	166.00
tblConstructionPhase	NumDays	440.00	4.00
tblConstructionPhase	NumDays	440.00	224.00
tblConstructionPhase	NumDays	440.00	432.00
tblConstructionPhase	NumDays	30.00	54.00
tblConstructionPhase	NumDays	45.00	264.00
tblConstructionPhase	NumDays	35.00	27.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblEnergyUse	T24E	3.92	0.46
tblGrading	MaterialExported	0.00	321,060.00
tblLandUse	LandUseSquareFeet	463,520.00	463,521.00
tblLandUse	LandUseSquareFeet	20,900.00	20,902.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	616
tblTripsAndVMT	HaulingTripNumber	170.00	0.00
tblTripsAndVMT	HaulingTripNumber	40,133.00	0.00

1360 Vine (Office Option with Restaurant) -
Operational Emissions (Annual) - with PDFs

tblTripsAndVMT	VendorTripLength	6.90	15.80
tblTripsAndVMT	VendorTripLength	6.90	15.80
tblTripsAndVMT	VendorTripLength	6.90	13.80
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	190.00
tblTripsAndVMT	VendorTripNumber	190.00	175.00
tblTripsAndVMT	VendorTripNumber	190.00	100.00
tblTripsAndVMT	VendorTripNumber	190.00	30.00
tblTripsAndVMT	VendorTripNumber	0.00	30.00
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	WorkerTripNumber	13.00	25.00
tblTripsAndVMT	WorkerTripNumber	20.00	75.00
tblTripsAndVMT	WorkerTripNumber	442.00	25.00
tblTripsAndVMT	WorkerTripNumber	442.00	175.00
tblTripsAndVMT	WorkerTripNumber	442.00	500.00
tblTripsAndVMT	WorkerTripNumber	88.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	50.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	7.18
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	69.00	0.00
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	12.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	18.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	44.00	0.00
tblVehicleTrips	PR_TP	77.00	0.00
tblVehicleTrips	PR_TP	38.00	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	94.36	0.00
tblVehicleTrips	ST_TR	0.00	3,534.00

1360 Vine (Office Option with Restaurant) -
Operational Emissions (Annual) - with PDFs

tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	72.16	0.00
tblVehicleTrips	SU_TR	0.00	3,534.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	89.95	0.00
tblVehicleTrips	WD_TR	0.00	3,534.00

2.0 Emissions Summary

**2.2 Overall Operational
Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area																0.0576
Energy																3,032.2059
Mobile																3,660.6395
Stationary																1.3757
Waste																222.2523
Water																589.3183
Total																7,505.8493

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area																0.0576
Energy																2,684.3649
Mobile																3,660.6395
Stationary																1.3757
Waste																52.4515
Water																471.4547
Total																6,870.3439

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.47

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Mitigated																	3,660.6395
Unmitigated																	3,660.6395

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Quality Restaurant	0.00	0.00	0.00		
User Defined Commercial	3,534.00	3,534.00	3,534.00	9,236,180	9,236,180
Total	3,534.00	3,534.00	3,534.00	9,236,180	9,236,180

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
General Office Building	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Quality Restaurant	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
User Defined Commercial	0.00	7.18	0.00	0.00	100.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
General Office Building	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Quality Restaurant	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
User Defined Commercial	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

1360 Vine (Office Option with Restaurant) -
Operational Emissions (Annual) - with PDFs

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated																2,196.1737
Electricity Unmitigated																2,514.2602
NaturalGas Mitigated																488.1912
NaturalGas Unmitigated																517.9457

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Enclosed Parking with Elevator	0																0.0000
General Office Building	4.82525e+006																259.0241
Quality Restaurant	4.82335e+006																258.9216
User Defined Commercial	0																0.0000
Total																	517.9457

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Enclosed Parking with Elevator	0																0.0000
General Office Building	4.36081e+006																234.0921
Quality Restaurant	4.73351e+006																254.0991
User Defined Commercial	0																0.0000
Total																	488.1912

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			

1360 Vine (Office Option with Restaurant) -
Operational Emissions (Annual) - with PDFs

Enclosed Parking with Elevator	2.01806e+006				566.1712
General Office Building	6.02114e+006				1,689.2469
Quality Restaurant	922614				258.8420
User Defined Commercial	0				0.0000
Total					2,514.2602

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	1.59244e+006				446.7623
General Office Building	5.37105e+006				1,506.8629
Quality Restaurant	864538				242.5486
User Defined Commercial	0				0.0000
Total					2,196.1737

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated																0.0576
Unmitigated																0.0576

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating																0.0000
Consumer Products																0.0000

1360 Vine (Office Option with Restaurant) -
Operational Emissions (Annual) - with PDFs

Landscaping																		0.0576
Total																		0.0576

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
SubCategory	tons/yr										MT/yr						
Architectural Coating																	0.0000
Consumer Products																	0.0000
Landscaping																	0.0576
Total																	0.0576

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated				471.4547
Unmitigated				589.3183

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0 / 0				0.0000
General Office Building	82.3831 / 50.4929				570.4722
Quality Restaurant	3.61509 / 0.23075				18.8461
User Defined Commercial	0 / 0				0.0000
Total					589.3183

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0 / 0				0.0000
General Office Building	65.9065 / 40.3943				456.3778
Quality Restaurant	2.89207 / 0.1846				15.0769
User Defined Commercial	0 / 0				0.0000
Total					471.4547

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated				52.4515
Unmitigated				222.2523

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	0				0.0000
General Office Building	431.07				216.7858
Quality Restaurant	10.87				5.4665
User Defined Commercial	0				0.0000
Total					222.2523

Mitigated

1360 Vine (Office Option with Restaurant) -
Operational Emissions (Annual) - with PDFs

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	0				0.0000
General Office Building	101.733				51.1614
Quality Restaurant	2.56532				1.2901
User Defined Commercial	0				0.0000
Total					52.4515

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0.5	12	300	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Equipment Type	tons/yr										MT/yr						
Emergency Generator - Diesel (see 9.0.1B)																	1.3757
Total																	1.3757

11.0 Vegetation

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

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

LADWP Electricity Emission Factor ¹	0.28 MTCO ₂ E/MWh
Fuel Economy of Electric Vehicle ²	0.33 kWh/mile
Electric Vehicle GHG Emissions	92.2 grams/mile
GHG Emissions from Residential Miles Traveled (CalEEMod) ³	328.8 grams/mile
GHG Emissions Reduction from Additional Electric Vehicles, per mile	236.6 grams/mile

Step 2: Estimating Project Residential-Related VMT GHG Emissions

Residential Average Yearly VMT with TDM and PDFs ⁴	2,008,595 miles/year
Percent of Residential Miles Driven in Electric Vehicles due to this Measure	10.0%
Residential VMT that is Displaced by Evs due to this Measure	200,860 miles/year
GHG Emissions Reduction from Residential Electric Vehicles	48 MTCO₂E/MWh

EV Charging Energy Usage (Annual) 662,836 kWh/year

Notes:

- 1) CO₂ intensity factor reflects a 2025 RPS for LADWP (616 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/>).

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

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

LADWP Electricity Emission Factor ¹	0.28 MTCO ₂ E/MWh
Fuel Economy of Electric Vehicle ²	0.33 kWh/mile
Electric Vehicle GHG Emissions	92.2 grams/mile
GHG Emissions from Residential Miles Traveled (CalEEMod) ³	361.2 grams/mile
GHG Emissions Reduction from Additional Electric Vehicles, per mile	269.0 grams/mile

Step 2: Estimating Project Residential-Related VMT GHG Emissions

Residential Average Yearly VMT with TDM and PDFs ⁴	1,973,555 miles/year
Percent of Residential Miles Driven in Electric Vehicles due to this Measure	10.0%
Residential VMT that is Displaced by Evs due to this Measure	197,356 miles/year
GHG Emissions Reduction from Residential Electric Vehicles	53 MTCO ₂ E/MWh

EV Charging Energy Usage (Annual) 651,273 kWh/year

Notes:

- 1) CO₂ intensity factor reflects a 2025 RPS for LADWP (616 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/>).

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

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

LADWP Electricity Emission Factor ¹	0.28 MTCO ₂ E/MWh
Fuel Economy of Electric Vehicle ²	0.33 kWh/mile
Electric Vehicle GHG Emissions	92.2 grams/mile
GHG Emissions from Residential Miles Traveled (CalEEMod) ³	359.3 grams/mile
GHG Emissions Reduction from Additional Electric Vehicles, per mile	267.1 grams/mile

Step 2: Estimating Project Worker-Related VMT GHG Emissions

Worker Average Yearly VMT with TDM and PDFs ⁴	3,394,865 miles/year
Percent of Residential Miles Driven in Electric Vehicles due to this Measure	10.0%
Residential VMT that is Displaced by Evs due to this Measure	339,487 miles/year
GHG Emissions Reduction from Residential Electric Vehicles	91 MTCO ₂ E/MWh

EV Charging Energy Usage (Annual) 1,120,305 kWh/year

Notes:

- 1) CO₂ intensity factor reflects a 2025 RPS for LADWP (616 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/>).

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

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

LADWP Electricity Emission Factor ¹	0.28 MTCO ₂ E/MWh
Fuel Economy of Electric Vehicle ²	0.33 kWh/mile
Electric Vehicle GHG Emissions	92.2 grams/mile
GHG Emissions from Residential Miles Traveled (CalEEMod) ³	422.9 grams/mile
GHG Emissions Reduction from Additional Electric Vehicles, per mile	330.7 grams/mile

Step 2: Estimating Project Worker-Related VMT GHG Emissions

Worker Average Yearly VMT with TDM and PDFs ⁴	3,686,135 miles/year
Percent of Residential Miles Driven in Electric Vehicles due to this Measure	10.0%
Residential VMT that is Displaced by Evs due to this Measure	368,614 miles/year
GHG Emissions Reduction from Residential Electric Vehicles	122 MTCO ₂ E/MWh
EV Charging Energy Usage (Annual)	1,216,425 kWh/year

Notes:

- 1) CO₂ intensity factor reflects a 2025 RPS for LADWP (616 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/>).

1360 Vine - Residential Option with Bungalows

LADOT VMT Calculator Data

VMT Summary

	Existing	Proposed Project	With Mitigation	Project Weekday Trips	Weekend Trips	Weekend Vs. Weekday Ratio
Daily Trips	352	4,911	4,911	1	1	1.00
Daily VMT	2,443	31,026	31,026			

Project without TDM (MXD Data)

	Unadjusted Trips	MXD Adjustment	MXD Trips	Average Trip Length	Unadjusted VMT	MXD VMT
Home Based Work Production	590	-49.5%	298	7.4	4,366	2,205
Home Based Other Production	1,581	-53.7%	732	4.6	7,273	3,367
Non-Home Based Other Production	1,281	-16.9%	1065	7.4	9,479	7,881
Home-Based Work Attraction	334	-52.1%	160	8.5	2,839	1,360
Home-Based Other Attraction	3,227	-53.0%	1518	5.8	18,717	8,804
Non-Home Based Other Attraction	1,440	-16.7%	1200	6.5	9,360	7,800
Total	8,453				52,034	31,417

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	-1.2%	294	2,178	-1.2%	294	2,178
Home Based Other Production	-1.2%	723	3,325	-1.2%	723	3,325
Non-Home Based Other Production	-1.2%	1,052	7,783	-1.2%	1,052	7,783
Home-Based Work Attraction	-1.2%	158	1,343	-1.2%	158	1,343
Home-Based Other Attraction	-1.2%	1,499	8,694	-1.2%	1,499	8,694
Non-Home Based Other Attraction	-1.2%	1,185	7,703	-1.2%	1,185	7,703
Total		4,911	31,026		4,911	31,026
Residential VMT			5,503			5,503

Source: Fehr and Peers

1360 Vine - Residential Option with Restaurant

LADOT VMT Calculator Data

VMT Summary

	Existing	Proposed Project	With Mitigation	Project Weekday Trips	Weekend Trips	Weekend Vs. Weekday Ratio
Daily Trips	352	5,371	5,371	1	1	1.00
Daily VMT	2,443	34,090	34,090			

Project without TDM (MXD Data)

	Unadjusted Trips	MXD Adjustment	MXD Trips	Average Trip Length	Unadjusted VMT	MXD VMT
Home Based Work Production	581	-49.6%	293	7.4	4,299	2,168
Home Based Other Production	1,556	-53.8%	719	4.6	7,158	3,307
Non-Home Based Other Production	1,448	-16.9%	1204	7.4	10,715	8,910
Home-Based Work Attraction	386	-51.6%	187	8.5	3,281	1,590
Home-Based Other Attraction	3,604	-52.9%	1699	5.8	20,903	9,854
Non-Home Based Other Attraction	1,604	-16.6%	1337	6.5	10,426	8,691
Total	9,179				56,782	34,520

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	-1.2%	289	2,141	-1.2%	289	2,141
Home Based Other Production	-1.2%	710	3,266	-1.2%	710	3,266
Non-Home Based Other Production	-1.2%	1,189	8,799	-1.2%	1,189	8,799
Home-Based Work Attraction	-1.2%	185	1,570	-1.2%	185	1,570
Home-Based Other Attraction	-1.2%	1,678	9,731	-1.2%	1,678	9,731
Non-Home Based Other Attraction	-1.2%	1,320	8,583	-1.2%	1,320	8,583
Total		5,371	34,090		5,371	34,090
Residential VMT			5,407			5,407

Source: Fehr and Peers

1360 Vine - Office Option with Bungalows**LADOT VMT Calculator Data****VMT Summary**

	Existing	Proposed Project	With Mitigation	Project Weekday Trips	Weekend Trips	Weekend Vs. Weekday Ratio
Daily Trips	352	2,979	2,979	1	1	1.00
Daily VMT	2,443	21,565	21,565			

Project without TDM (MXD Data)

	Unadjusted Trips	MXD Adjustment	MXD Trips	Average Trip Length	Unadjusted VMT	MXD VMT
Home Based Work Production	26	-96.2%	1	7.4	192	7
Home Based Other Production	69	-65.2%	24	4.6	317	110
Non-Home Based Other Production	733	-18.7%	596	7.4	5,424	4,410
Home-Based Work Attraction	2,284	-51.5%	1108	8.5	19,414	9,418
Home-Based Other Attraction	1,547	-55.7%	686	5.8	8,973	3,979
Non-Home Based Other Attraction	740	-18.6%	602	6.5	4,810	3,913
Total	5,399				39,130	21,837

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	-1.2%	1	7	-1.2%	1	7
Home Based Other Production	-1.2%	24	109	-1.2%	24	109
Non-Home Based Other Production	-1.2%	589	4,355	-1.2%	589	4,355
Home-Based Work Attraction	-1.2%	1,094	9,301	-1.2%	1,094	9,301
Home-Based Other Attraction	-1.2%	677	3,929	-1.2%	677	3,929
Non-Home Based Other Attraction	-1.2%	594	3,864	-1.2%	594	3,864
Total		2,979	21,565		2,979	21,565
Residential VMT			116			116

Source: Fehr and Peers

1360 Vine - Office Option with Restaurant

LADOT VMT Calculator Data

VMT Summary

	Existing	Proposed Project	With Mitigation	Project Weekday Trips	Weekend Trips	Weekend Vs. Weekday Ratio
Daily Trips	352	3,534	3,534	1	1	1.00
Daily VMT	2,443	25,389	25,389			

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	7.4	0	0
Home Based Other Production	0	0.0%	0	4.6	0	0
Non-Home Based Other Production	909	-18.4%	742	7.4	6,727	5,491
Home-Based Work Attraction	2,336	-48.5%	1203	8.5	19,856	10,226
Home-Based Other Attraction	1,938	-54.0%	891	5.8	11,240	5,168
Non-Home Based Other Attraction	909	-18.4%	742	6.5	5,909	4,823
Total	6,092				43,732	25,708

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	-1.2%	0	0	-1.2%	0	0
Home Based Other Production	-1.2%	0	0	-1.2%	0	0
Non-Home Based Other Production	-1.2%	733	5,423	-1.2%	733	5,423
Home-Based Work Attraction	-1.2%	1,188	10,099	-1.2%	1,188	10,099
Home-Based Other Attraction	-1.2%	880	5,104	-1.2%	880	5,104
Non-Home Based Other Attraction	-1.2%	733	4,763	-1.2%	733	4,763
Total		3,534	25,389		3,534	25,389
Residential VMT			0			0

Source: Fehr and Peers