

Appendix B

Air Quality and Greenhouse Gas Emissions

Sportsmen's Lodge

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Technical Appendix for Air Quality and Greenhouse Gas Emissions

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

AIR QUALITY AND GREENHOUSE GAS EMISSIONS METHODOLOGY

Sportsmen's Lodge Mixed-Use Project

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Sportsmen's Lodge Mixed-Use 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 Sportsmen's Lodge Mixed-Use Project (the "Project"). Emissions during both construction and operation of the Project were quantified. This assessment describes the methodology used to estimate the GHG and air pollutant emissions from existing and Project conditions and describes the methodology used to quantify GHG and air pollutant emission reductions from project design features and mitigation measures.

2. Air Pollutant and Greenhouse Gas Emissions Methodology

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

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

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

- Mobile source: emissions associated with vehicles accessing the project site; and
- Stationary source: emissions associated with stationary equipment (e.g., emergency generators).
- 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 2020.4.0). 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. Off-road equipment would meet Tier 4 off-road emissions standards and the emission reduction was calculated within CalEEMod.

(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, stationary sources (emergency generator), 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, 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.

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:

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

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

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

i = Summation index

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

(4) Energy Emissions (Electricity and Natural Gas)

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

Energy demand emissions were calculated using the CalEEMod emissions inventory model. Energy use in buildings is divided into energy consumed by the built environment and energy consumed by uses that are independent of the construction of the building such as in plug-in appliances. CalEEMod calculates energy use from systems covered by Title 24 Building Energy Efficiency Standards (e.g., heating, ventilation, and air conditioning [HVAC] system, water heating system, and lighting system); energy use from lighting; and energy use from office equipment, appliances, plug-ins, and other sources not covered by Title 24 or lighting.

CalEEMod energy demand is based on the California Energy Commission (CEC) sponsored California Commercial End Use Survey (CEUS) study.⁴ The data is specific for climate zones and, therefore, Zone 12 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 MTCO_{2e} are calculated as follows:

⁴ 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 2017 Power Integrated Resource Plan, which provides a CO_2 intensity of 801 pounds of CO_2 per MWh for 2019. By 2030, at least 50 percent of electricity shall be obtained from renewable sources. The 2016 Power Integrated Resource Plan estimates that the LADWP CO_2 intensity would be 500 pounds of CO_2 per MWh by Year 2026.⁵ As year-by-year data is currently not available, the CO_2 intensity factor for the Project buildout was determined based on straight line interpolation based on current and Year 2027 data points (725 pounds of CO_2 per MWh for Year 2021 and 539 pounds of CO_2 per MWh for Year 2027).

(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:

⁵ 2016 Final Power Integrated Resource Plan, Figure 4-7. LADWP. December 2016.

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). The Traffic Study prepared by Gibson Transportation Consulting had calculated Project VMT which was entered into CalEEMod in calculating Project mobile source emissions.

Modeling was also conducted using the Los Angeles County vehicle fleet mix for all vehicle types as provided in 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 VMT estimates provided by Gibson Transportation Consulting.⁶ The Los Angeles Department of Transportation (LADOT) VMT Calculator was used to calculate peak daily trip estimates.

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.⁷ 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.

(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:

⁶ *Transportation Assessment for the Residences at Sportsmen's Lodge. Gibson Transportation Consulting, September 2021*

⁷ *Environmental Protection Agency, Mixed-Use Trip Generation Model. www.epa.gov/smartgrowth/mixed-use-trip-generation-model. Accessed December 16, 2019.*

Emergency Generator:

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

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

LF = Load Factor (CalEEMod default of 0.73)

HR = Hours Operated per Year

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

(7) Solid Waste Emissions

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

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

Solid Waste:

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

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

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

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

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

1.1023 = Conversion factor [tons/MT]

i = Summation index

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

CalEEMod allows the input of several variables to quantify solid waste emissions. The model requires the amount of waste disposed, which is the product of the waste disposal rate times the land use units. CalEEMod default annual solid waste disposal rates used. The GHG emission factors, particularly for CH₄, depend on characteristics of the landfill, such as the presence of a landfill gas capture system and subsequent flaring or energy recovery. The default values, as provided in CalEEMod, for landfill gas capture (e.g., no capture, flaring, energy recovery), which are statewide averages, were used in this assessment. The Project includes a 76.4-percent recycling/diversion rate currently achieved within the City.⁸

(8) Water Usage and Wastewater Generation Emissions

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

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

⁸ City of Los Angeles, *Sustainable City pLAN, Waste & Landfills*, <http://plan.lamayor.org/portfolio/waste-landfills-3rd>, accessed February 21, 2019.

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

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

Where: Units	=	Number of land use units (same land use type) [1,000 sf]
D_w	=	Water demand factor [million gallons (Mgal)/1,000 sf/yr]
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.

b. Post-2030 Analysis

Recent studies show that the State's existing and proposed regulatory framework will put the State on a pathway to reduce its GHG emissions level to 40 percent below 1990 levels by 2030, and to 80 percent below 1990 levels by 2050 if additional appropriate reduction measures are adopted.⁹ Even though these studies did not provide an exact

⁹ *Energy and Environmental Economics (E3). "Summary of the California State Agencies' PATHWAYS Project: Long-term Greenhouse Gas Reduction Scenarios" (April 2015); Greenblatt, Jeffrey, Energy Policy, "Modeling California Impacts on Greenhouse Gas Emissions" (Vol. 78, pp. 158–172). The California Air Resources Board, California Energy Commission, California Public Utilities Commission, and the California Independent System Operator engaged E3 to evaluate the feasibility and cost of a range of potential 2030 targets along the way to the state's goal of reducing GHG emissions to 80 percent below 1990 levels by 2050. With input from the agencies, E3 developed scenarios that explore the potential pace at which emission reductions can be achieved, as well as the mix of technologies and practices deployed. E3 conducted the analysis using its California PATHWAYS model. Enhanced specifically for this study, the model encompasses the entire California economy with detailed representations of the buildings, industry, transportation and electricity sectors.*

regulatory and technological roadmap to achieve the 2030 and 2050 goals, they demonstrated that various combinations of policies could allow the Statewide emissions level to remain very low through 2050.

Subsequent to the findings of these studies, SB 32 was passed on September 8, 2016, which would require the State board to ensure that Statewide GHG emissions are reduced to 40 percent below the 1990 level by 2030. The new plan outlined in SB 32 involves increasing renewable energy use, imposing tighter limits on the carbon content of gasoline and diesel fuel, putting more electric cars on the road, improving energy efficiency, and curbing emissions from key industries. An evaluation was provided to determine whether the Project's design features advanced these goals by reducing VMT, increasing the use of electric vehicles, improving energy efficiency and reducing water usage.

Further, an evaluation of the Project's consistency with SCAG's RTP/SCS was provided to demonstrate that the Project will be consistent with post-2020 GHG reduction goals. The 2016–2040 RTP/SCS would result in an estimated 8-percent decrease in per capita GHG emissions by 2020, 18-percent decrease in per capita GHG emissions from passenger vehicles by 2035, and 21-percent decrease in per capita GHG emissions from passenger vehicles by 2040. In March 2018, CARB adopted updated targets requiring a 19-percent decrease in VMT for the SCAG region by 2035. As the CARB targets were adopted after the 2016–2040 RTP/SCS, it is expected that the updated targets will be incorporated into the next RTP/SCS. The 2016–2040 RTP/SCS and/or the next RTP/SCS are expected to fulfill and exceed SB 375 compliance with respect to meeting the State's GHG emission reduction goals.

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Appendix C-2

Air Quality Worksheets and Modeling Output Files

- Appendix C-2: Construction and Operational Emissions Inventory (Daily Emissions)
 - CalEEMod Output Summary
 - CalEEMod Outputs – Construction and Operations (Regional and Localized)
 - Construction Project Regional
 - Construction Project Regional-Mat Pour Day
 - Construction Project Onsite
 - Existing (Baseline)
 - No Project
 - Buildout Operations
 - Intersection Peak Hour Volumes

AQ SUMMARY OF EMISSIONS							
Construction Emissions (Unmitigated)							
Regional (Daily) Unmitigated							
	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}	
2023	8	149	78	0	32	13	
2024	11	170	103	1	35	15	
2025	23	126	106	<1	22	10	
2026	24	125	122	<1	24	10	
2027	4	31	42	<1	3	2	
MAX	24	170	122	<1	35	15	
Threshold	75	100	550	150	150	55	
Difference	(51)	70	(428)	(149)	(115)	(40)	
Impact	No	Yes	No	No	No	No	
Regional (Daily) Mitigated							
	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}	
2023	4	91	95	0	19	7	
2024	5	95	125	1	21	7	
2025	18	77	122	0	16	6	
2026	18	76	136	0	17	6	
2027	1	10	44	<1	2	<1	
MAX	18	95	136	<1	21	7	
Threshold	75	100	550	150	150	55	
Difference	(74)	(90)	(506)	(150)	(148)	(54)	
Impact	No	No	No	No	No	No	
Localized (Daily) Unmitigated							
	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}	
2023		69	54		9	5	
2024		88	74		10	6	
2025		68	81		6	4	
2026		76	91		6	4	
2027		28	37		1	1	
MAX		88	91		10	6	
Threshold		172	1,434		14	8	
Difference		(84)	(1,343)		(4)	(2)	
Impact		No	No		No	No	
<i>Includes Compliance with SCAQMD Rule 403.</i>							
Localized (Daily) Mitigated							
	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}	
2023		10	71		7	3	
2024		13	95		7	3	
2025		19	96		3	2	
2026		23	105		3	2	
2027		10	44		<1	<1	
MAX		23	105		7	3	
Threshold		172	1,434		14	8	
Difference		(149)	(1,329)		(7)	(5)	
Impact		No	No		No	No	
Operation Emissions (Without Mitigation Measures)							
Regional Baseline (Existing Year)							
	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}	
Area	3	<1	<1	<1	<1	<1	
Energy	<1	<1	<1	<1	<1	<1	
Mobile	5	6	48	<1	10	3	
Total	8	7	49	<1	10	3	
Regional Baseline Mobile Source (Buildout Year)							
	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}	
Area	3	<1	<1	<1	<1	<1	
Energy	<1	<1	<1	<1	<1	<1	
Mobile	4	4	37	<1	10	3	
Total	7	5	38	<1	10	3	
Regional Proposed Uses (Buildout Year)							
	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}	
Area	14	<1	43	<1	<1	<1	
Energy	<1	3	2	<1	<1	<1	
Mobile	16	17	156	<1	41	11	
Emergency Generator	<1	<1	<1	<1	<1	<1	
Total	31	20	202	<1	42	12	
Regional Project (Buildout Year)							
	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}	
Area	11	<1	43	<1	<1	<1	
Energy	<1	2	<1	<1	<1	<1	
Mobile	12	13	119	<1	32	9	
Emergency Generator	<1	<1	<1	<1	<1	<1	
Total	24	15	164	<1	32	9	
Threshold	55	55	550	150	150	55	
Difference	(31)	(40)	(386)	(150)	(118)	(46)	
Impact	No	No	No	No	No	No	
Proposed Project Localized (Buildout Year)							
	ROG	NO _x	CO	SO2	PM ₁₀	PM _{2.5}	
Onsite Total		3	44		<1	<1	
Threshold		172	1434		4	2	
Difference		(169)	(1390)		(4)	(2)	
Impact		No	No		No	No	

Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Sportsman Lodge Construction
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	1,390.00	Space	0.00	556,000.00	0
High Turnover (Sit Down Restaurant)	18.02	1000sqft	0.00	18,020.00	0
Apartments Mid Rise	520.00	Dwelling Unit	5.80	545,021.00	1241
Strip Mall	27.93	1000sqft	0.00	27,930.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	12			Operational Year	2027
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	539	CH4 Intensity (lb/MW hr)	0.049	N2O Intensity (lb/MW hr)	0.007

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Updated default CalEEMod LADWP Intensity Factor of 690.4 (2020) to 539 to account for Buildout Year RPS reduction.

Land Use - Project specific square footage and population consistent with LADOT VMT Calculator

Construction Phase - Site Specific Construction Schedule

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

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Off-road Equipment - Site Specific Equipment List

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Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Trips and VMT - Site Specific Trips/Trip Lengths to Export Location

On-road Fugitive Dust -

Demolition -

Grading -

Architectural Coating - Site Specific

Vehicle Trips - LADOT VMT Calculator Trips/VMT

Road Dust - default

Consumer Products - default

Construction Off-road Equipment Mitigation - Tier 4 Final

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	47.00

Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	29.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	330.00
tblConstructionPhase	NumDays	230.00	139.00
tblConstructionPhase	NumDays	230.00	226.00
tblConstructionPhase	NumDays	230.00	142.00
tblConstructionPhase	NumDays	230.00	71.00
tblConstructionPhase	NumDays	230.00	88.00
tblConstructionPhase	NumDays	230.00	215.00
tblConstructionPhase	NumDays	230.00	305.00
tblConstructionPhase	NumDays	230.00	110.00
tblConstructionPhase	NumDays	230.00	253.00
tblConstructionPhase	NumDays	20.00	46.00
tblConstructionPhase	NumDays	20.00	42.00
tblConstructionPhase	NumDays	20.00	69.00
tblConstructionPhase	NumDays	20.00	114.00
tblConstructionPhase	NumDays	20.00	45.00
tblConstructionPhase	NumDays	10.00	44.00
tblConstructionPhase	NumDays	10.00	30.00
tblGrading	MaterialExported	0.00	15,910.00
tblGrading	MaterialExported	0.00	410,230.00
tblGrading	MaterialExported	0.00	5,000.00
tblLandUse	LandUseSquareFeet	520,000.00	545,021.00
tblLandUse	LotAcreage	12.51	0.00
tblLandUse	LotAcreage	0.41	0.00
tblLandUse	LotAcreage	13.68	5.80

Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblLandUse	LotAcreage	0.64	0.00
tblLandUse	Population	1,487.00	1,241.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	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	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	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	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	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	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
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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	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	HaulingTripNumber	900.00	0.00
tblTripsAndVMT	HaulingTripNumber	204.00	0.00
tblTripsAndVMT	HaulingTripNumber	1,989.00	0.00
tblTripsAndVMT	HaulingTripNumber	625.00	0.00
tblTripsAndVMT	HaulingTripNumber	51,279.00	0.00
tblTripsAndVMT	VendorTripLength	6.90	20.00
tblTripsAndVMT	VendorTripLength	6.90	20.00
tblTripsAndVMT	VendorTripLength	6.90	20.00
tblTripsAndVMT	VendorTripLength	6.90	100.00
tblTripsAndVMT	VendorTripLength	6.90	20.00
tblTripsAndVMT	VendorTripNumber	0.00	44.00
tblTripsAndVMT	VendorTripNumber	0.00	40.00
tblTripsAndVMT	VendorTripNumber	0.00	300.00
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	154.00	60.00
tblTripsAndVMT	VendorTripNumber	154.00	120.00
tblTripsAndVMT	VendorTripNumber	154.00	60.00
tblTripsAndVMT	VendorTripNumber	154.00	60.00
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	154.00	60.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	590.00
tblTripsAndVMT	VendorTripNumber	154.00	30.00
tblTripsAndVMT	VendorTripNumber	154.00	120.00
tblTripsAndVMT	VendorTripNumber	154.00	60.00
tblTripsAndVMT	VendorTripNumber	154.00	60.00
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tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	WorkerTripNumber	28.00	40.00
tblTripsAndVMT	WorkerTripNumber	28.00	80.00
tblTripsAndVMT	WorkerTripNumber	8.00	40.00
tblTripsAndVMT	WorkerTripNumber	624.00	300.00
tblTripsAndVMT	WorkerTripNumber	624.00	80.00
tblTripsAndVMT	WorkerTripNumber	624.00	300.00
tblTripsAndVMT	WorkerTripNumber	25.00	40.00
tblTripsAndVMT	WorkerTripNumber	624.00	100.00
tblTripsAndVMT	WorkerTripNumber	20.00	30.00
tblTripsAndVMT	WorkerTripNumber	50.00	110.00
tblTripsAndVMT	WorkerTripNumber	624.00	130.00
tblTripsAndVMT	WorkerTripNumber	624.00	120.00
tblTripsAndVMT	WorkerTripNumber	624.00	120.00
tblTripsAndVMT	WorkerTripNumber	624.00	120.00
tblTripsAndVMT	WorkerTripNumber	624.00	120.00
tblTripsAndVMT	WorkerTripNumber	624.00	120.00

Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblTripsAndVMT	WorkerTripNumber	125.00	0.00
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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					
2023	8.4608	149.1915	78.0670	0.4902	28.7804	3.2301	32.0105	10.3550	2.9995	13.3545						53,894.5003
2024	11.4292	170.0138	103.3266	0.5478	30.4260	4.1007	34.5266	10.7958	3.8397	14.6355						59,556.1953
2025	22.5196	125.8546	106.2589	0.4419	18.9145	3.2043	22.1187	6.6383	3.0511	9.6894						47,145.8088
2026	24.1090	125.2068	121.9917	0.4359	20.4435	3.4716	23.9151	7.0385	3.3175	10.3560						46,529.8156
2027	3.6144	30.9054	41.8218	0.0861	2.0773	1.2779	3.3552	0.5626	1.2098	1.7724						8,589.8490
Maximum	24.1090	170.0138	121.9917	0.5478	30.4260	4.1007	34.5266	10.7958	3.8397	14.6355						59,556.1953

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					
2023	3.7243	90.7121	95.3891	0.4902	18.2742	0.8295	19.1037	5.9646	0.8079	6.7724						53,894.5003
2024	4.6627	94.8374	124.5595	0.5478	19.9197	0.9128	20.8324	6.4054	0.8900	7.2954						59,556.1953
2025	17.5458	76.9524	121.7990	0.4419	14.5703	0.9892	15.5595	4.5456	0.9721	5.5177						47,145.8088
2026	18.4139	76.3045	135.8615	0.4359	16.1072	0.9901	17.0973	4.9470	0.9720	5.9190						46,529.8156
2027	1.4206	10.0075	44.0777	0.0861	2.0773	0.2090	2.2863	0.5626	0.2029	0.7655						8,589.8490
Maximum	18.4139	94.8374	135.8615	0.5478	19.9197	0.9901	20.8324	6.4054	0.9721	7.2954						59,556.1953

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase 0 Demolition	Demolition	7/25/2023	9/26/2023	5	46	
2	Phase 0B Utility Relocation, and Temp. Parking	Site Preparation	9/27/2023	11/7/2023	5	30	
3	Phase 1a Grading	Grading	11/8/2023	4/15/2024	5	114	
4	Phase 1a Mat Foundation	Building Construction	3/1/2024	7/2/2024	5	88	
5	Phase 1a Garage to Podium Structure	Building Construction	6/12/2024	4/8/2025	5	215	
6	Phase 1b Structure	Building Construction	2/7/2025	4/9/2026	5	305	
7	Phase 1a Garage to Podium Interior Build	Building Construction	2/21/2025	7/24/2025	5	110	
8	Phase 2 Structure	Building Construction	7/7/2025	6/24/2026	5	253	
9	Architectural Coating	Architectural Coating	7/24/2025	10/28/2026	5	330	
10	Phase 3 Demo	Demolition	9/5/2025	11/3/2025	5	42	

Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

11	Phase 3 Grading	Grading	11/4/2025	2/6/2026	5	69
12	Phase 3 Site Prep	Site Preparation	11/25/2025	1/23/2026	5	44
13	Phase 1b Interior Build	Building Construction	2/5/2026	8/18/2026	5	139
14	Phase 3 Structure	Building Construction	2/9/2026	12/21/2026	5	226
15	Phase 2 Interior Build	Building Construction	4/14/2026	10/28/2026	5	142
16	Landscape/Hardscape	Paving	11/3/2026	1/4/2027	5	45
17	Phase 3 Interior Build	Building Construction	11/5/2026	2/11/2027	5	71

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 513

Acres of Paving: 0

Residential Indoor: 1,103,668; Residential Outdoor: 367,889; Non-Residential Indoor: 68,925; Non-Residential Outdoor: 22,975; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase 0 Demolition	Air Compressors	5	8.00	78	0.48
Phase 0 Demolition	Concrete/Industrial Saws	2	8.00	81	0.73
Phase 0 Demolition	Excavators	3	8.00	158	0.38
Phase 0 Demolition	Other Construction Equipment	1	8.00	172	0.42
Phase 0 Demolition	Paving Equipment	2	8.00	132	0.36
Phase 0 Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Phase 0 Demolition	Signal Boards	0	8.00	6	0.82
Phase 0 Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 0 Demolition	Trenchers	1	8.00	78	0.50
Phase 0B Utility Relocation, and Temp Parking	Air Compressors	2	8.00	78	0.48
Phase 0B Utility Relocation, and Temp Parking	Concrete/Industrial Saws	2	8.00	81	0.73
Phase 0B Utility Relocation, and Temp Parking	Forklifts	4	8.00	89	0.20
Phase 0B Utility Relocation, and Temp Parking	Rubber Tired Dozers	0	8.00	247	0.40
Phase 0B Utility Relocation, and Temp Parking	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Phase 1a Grading	Bore/Drill Rigs	2	8.00	221	0.50
Phase 1a Grading	Excavators	4	8.00	158	0.38
Phase 1a Grading	Graders	3	8.00	187	0.41
Phase 1a Grading	Other Construction Equipment	1	8.00	172	0.42
Phase 1a Grading	Rubber Tired Dozers	2	8.00	247	0.40
Phase 1a Grading	Rubber Tired Loaders	2	8.00	203	0.36
Phase 1a Grading	Scrapers	2	8.00	367	0.48
Phase 1a Grading	Signal Boards	1	8.00	6	0.82
Phase 1a Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 1a Grading	Welders	2	8.00	46	0.45
Phase 1a Mat Foundation	Air Compressors	6	8.00	78	0.48
Phase 1a Mat Foundation	Cranes	0	7.00	231	0.29
Phase 1a Mat Foundation	Excavators	0	8.00	158	0.38
Phase 1a Mat Foundation	Forklifts	0	8.00	89	0.20
Phase 1a Mat Foundation	Generator Sets	0	8.00	84	0.74
Phase 1a Mat Foundation	Graders	1	8.00	187	0.41
Phase 1a Mat Foundation	Rubber Tired Dozers	1	8.00	247	0.40
Phase 1a Mat Foundation	Rubber Tired Loaders	1	8.00	203	0.36
Phase 1a Mat Foundation	Signal Boards	1	8.00	6	0.82
Phase 1a Mat Foundation	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 1a Mat Foundation	Welders	0	8.00	46	0.45
Phase 1a Garage to Podium Structure	Air Compressors	4	8.00	78	0.48
Phase 1a Garage to Podium Structure	Cement and Mortar Mixers	3	8.00	9	0.56
Phase 1a Garage to Podium Structure	Concrete/Industrial Saws	1	8.00	81	0.73

Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Phase 1a Garage to Podium Structure	Cranes	1	8.00	231	0.29
Phase 1a Garage to Podium Structure	Forklifts	3	8.00	89	0.20
Phase 1a Garage to Podium Structure	Generator Sets	0	8.00	84	0.74
Phase 1a Garage to Podium Structure	Plate Compactors	3	8.00	8	0.43
Phase 1a Garage to Podium Structure	Signal Boards	1	8.00	6	0.82
Phase 1a Garage to Podium Structure	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 1a Garage to Podium Structure	Welders	2	8.00	46	0.45
Phase 1b Structure	Air Compressors	4	8.00	78	0.48
Phase 1b Structure	Cement and Mortar Mixers	3	8.00	9	0.56
Phase 1b Structure	Concrete/Industrial Saws	1	8.00	81	0.73
Phase 1b Structure	Cranes	1	8.00	231	0.29
Phase 1b Structure	Forklifts	3	8.00	89	0.20
Phase 1b Structure	Generator Sets	0	8.00	84	0.74
Phase 1b Structure	Plate Compactors	3	8.00	8	0.43
Phase 1b Structure	Signal Boards	1	8.00	6	0.82
Phase 1b Structure	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 1b Structure	Welders	2	8.00	46	0.45
Phase 1a Garage to Podium Interior Build	Aerial Lifts	4	8.00	63	0.31
Phase 1a Garage to Podium Interior Build	Air Compressors	4	8.00	78	0.48
Phase 1a Garage to Podium Interior Build	Cranes	1	8.00	231	0.29
Phase 1a Garage to Podium Interior Build	Forklifts	3	8.00	89	0.20
Phase 1a Garage to Podium Interior Build	Generator Sets	0	8.00	84	0.74
Phase 1a Garage to Podium Interior Build	Signal Boards	1	8.00	6	0.82
Phase 1a Garage to Podium Interior Build	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 1a Garage to Podium Interior Build	Welders	0	8.00	46	0.45
Phase 2 Structure	Air Compressors	4	8.00	78	0.48
Phase 2 Structure	Cement and Mortar Mixers	3	8.00	9	0.56
Phase 2 Structure	Concrete/Industrial Saws	1	8.00	81	0.73
Phase 2 Structure	Cranes	1	8.00	231	0.29
Phase 2 Structure	Forklifts	3	8.00	89	0.20
Phase 2 Structure	Generator Sets	0	8.00	84	0.74
Phase 2 Structure	Plate Compactors	3	8.00	8	0.43
Phase 2 Structure	Signal Boards	1	8.00	6	0.82
Phase 2 Structure	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 2 Structure	Welders	2	8.00	46	0.45
Architectural Coating	Air Compressors	0	6.00	78	0.48
Phase 3 Demo	Air Compressors	2	8.00	78	0.48
Phase 3 Demo	Concrete/Industrial Saws	2	8.00	81	0.73
Phase 3 Demo	Excavators	1	8.00	158	0.38
Phase 3 Demo	Other Construction Equipment	1	8.00	172	0.42
Phase 3 Demo	Rubber Tired Dozers	0	8.00	247	0.40
Phase 3 Demo	Rubber Tired Loaders	1	8.00	203	0.36
Phase 3 Demo	Signal Boards	1	8.00	6	0.82
Phase 3 Demo	Skid Steer Loaders	1	8.00	65	0.37
Phase 3 Demo	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 3 Demo	Trenchers	1	8.00	78	0.50
Phase 3 Grading	Bore/Drill Rigs	2	8.00	221	0.50
Phase 3 Grading	Excavators	2	8.00	158	0.38
Phase 3 Grading	Graders	1	8.00	187	0.41
Phase 3 Grading	Other Construction Equipment	1	8.00	172	0.42
Phase 3 Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase 3 Grading	Rubber Tired Loaders	1	8.00	203	0.36
Phase 3 Grading	Signal Boards	1	8.00	6	0.82

Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Phase 3 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 3 Grading	Welders	1	8.00	46	0.45
Phase 3 Site Prep	Excavators	1	8.00	158	0.38
Phase 3 Site Prep	Other Construction Equipment	1	8.00	172	0.42
Phase 3 Site Prep	Rubber Tired Dozers	0	8.00	247	0.40
Phase 3 Site Prep	Rubber Tired Loaders	1	8.00	203	0.36
Phase 3 Site Prep	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Phase 1b Interior Build	Aerial Lifts	4	8.00	63	0.31
Phase 1b Interior Build	Air Compressors	4	8.00	78	0.48
Phase 1b Interior Build	Cranes	1	8.00	231	0.29
Phase 1b Interior Build	Forklifts	3	8.00	89	0.20
Phase 1b Interior Build	Generator Sets	0	8.00	84	0.74
Phase 1b Interior Build	Signal Boards	1	8.00	6	0.82
Phase 1b Interior Build	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 1b Interior Build	Welders	0	8.00	46	0.45
Phase 3 Structure	Air Compressors	4	8.00	78	0.48
Phase 3 Structure	Cement and Mortar Mixers	3	8.00	9	0.56
Phase 3 Structure	Concrete/Industrial Saws	1	8.00	81	0.73
Phase 3 Structure	Cranes	1	8.00	231	0.29
Phase 3 Structure	Forklifts	3	8.00	89	0.20
Phase 3 Structure	Generator Sets	0	8.00	84	0.74
Phase 3 Structure	Plate Compactors	3	8.00	8	0.43
Phase 3 Structure	Signal Boards	1	8.00	6	0.82
Phase 3 Structure	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 3 Structure	Welders	0	8.00	46	0.45
Phase 3 Structure	Welders	2	8.00	46	0.45
Phase 2 Interior Build	Aerial Lifts	4	8.00	63	0.31
Phase 2 Interior Build	Air Compressors	4	8.00	78	0.48
Phase 2 Interior Build	Cranes	1	8.00	231	0.29
Phase 2 Interior Build	Forklifts	3	8.00	89	0.20
Phase 2 Interior Build	Generator Sets	0	8.00	84	0.74
Phase 2 Interior Build	Signal Boards	1	8.00	6	0.82
Phase 2 Interior Build	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 2 Interior Build	Welders	0	8.00	46	0.45
Landscape/Hardscape	Cement and Mortar Mixers	1	8.00	9	0.56
Landscape/Hardscape	Concrete/Industrial Saws	1	8.00	81	0.73
Landscape/Hardscape	Forklifts	1	8.00	89	0.20
Landscape/Hardscape	Other Construction Equipment	1	8.00	172	0.42
Landscape/Hardscape	Pavers	0	8.00	130	0.42
Landscape/Hardscape	Paving Equipment	0	8.00	132	0.36
Landscape/Hardscape	Plate Compactors	1	8.00	8	0.43
Landscape/Hardscape	Rollers	1	8.00	80	0.38
Landscape/Hardscape	Signal Boards	1	8.00	6	0.82
Landscape/Hardscape	Skid Steer Loaders	1	8.00	65	0.37
Landscape/Hardscape	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Landscape/Hardscape	Trenchers	1	8.00	78	0.50
Phase 3 Interior Build	Aerial Lifts	4	8.00	63	0.31
Phase 3 Interior Build	Air Compressors	4	8.00	78	0.48
Phase 3 Interior Build	Cranes	1	8.00	231	0.29
Phase 3 Interior Build	Forklifts	3	8.00	89	0.20
Phase 3 Interior Build	Generator Sets	0	8.00	84	0.74
Phase 3 Interior Build	Signal Boards	1	8.00	6	0.82
Phase 3 Interior Build	Tractors/Loaders/Backhoes	0	7.00	97	0.37

Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Phase 3 Interior Build	Welders	0	8.00	46	0.45
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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
Phase 0 Demolition	16	40.00	44.00	0.00	14.70	20.00	20.00	LD_Mix	HHDT	HHDT
Phase 0B Utility Relocation and Temp	8	30.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 1a Grading	20	110.00	590.00	0.00	14.70	20.00	20.00	LD_Mix	HHDT	HHDT
Phase 1a Mat Foundation	10	130.00	30.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 1a Garage to Padium Structure	18	120.00	120.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Phase 1b Structure	18	120.00	60.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 1a Garage to Padium Interior Build	13	120.00	60.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 2 Structure	18	120.00	60.00	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
Phase 3 Demo	11	40.00	40.00	0.00	14.70	20.00	20.00	LD_Mix	HHDT	HHDT
Phase 3 Grading	11	80.00	300.00	0.00	14.70	20.00	20.00	LD_Mix	HHDT	HHDT
Phase 3 Site Prep	3	40.00	20.00	0.00	14.70	100.00	20.00	LD_Mix	HHDT	HHDT
Phase 1b Interior Build	13	300.00	60.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 3 Structure	18	80.00	120.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 2 Interior Build	13	300.00	60.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Landscape/Hardscape	10	40.00	20.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 3 Interior Build	13	100.00	60.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

- Use Cleaner Engines for Construction Equipment
- Water Exposed Area

3.2 Phase 0 Demolition - 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					4.2365	0.0000	4.2365	0.6414	0.0000	0.6414						0.0000
Off-Road	4.3838	37.0406	46.2079	0.0772		1.9120	1.9120		1.8173	1.8173						7,444.3256
Total	4.3838	37.0406	46.2079	0.0772	4.2365	1.9120	6.1484	0.6414	1.8173	2.4588						7,444.3256

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						0.0000
Vendor	0.0893	5.9947	1.5535	0.0258	0.7702	0.0363	0.8065	0.2112	0.0347	0.2459						2,968.5299
Worker	0.1376	0.0986	1.3323	3.7500e-003	0.4471	2.7000e-003	0.4498	0.1186	2.4800e-003	0.1211						386.8849
Total	0.2269	6.0933	2.8858	0.0295	1.2173	0.0390	1.2563	0.3297	0.0372	0.3670						3,355.4147

Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Worker	0.1032	0.0740	0.9992	2.8100e-003	0.3353	2.0200e-003	0.3374	0.0889	1.8600e-003	0.0908						290.1636
Total	0.1099	0.3151	1.0913	3.9300e-003	0.3738	3.1800e-003	0.3770	0.1000	2.9700e-003	0.1030						415.7983

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							0.0000
Off-Road	0.2797	1.2122	17.2500	0.0266		0.0373	0.0373		0.0373	0.0373							2,535.3530
Total	0.2797	1.2122	17.2500	0.0266	0.0000	0.0373	0.0373	0.0000	0.0373	0.0373							2,535.3530

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							0.0000
Vendor	6.6700e-003	0.2411	0.0920	1.1200e-003	0.0384	1.1600e-003	0.0396	0.0111	1.1100e-003	0.0122							125.6347
Worker	0.1032	0.0740	0.9992	2.8100e-003	0.3353	2.0200e-003	0.3374	0.0889	1.8600e-003	0.0908							290.1636
Total	0.1099	0.3151	1.0913	3.9300e-003	0.3738	3.1800e-003	0.3770	0.1000	2.9700e-003	0.1030							415.7983

3.4 Phase 1a Grading - 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					17.2234	0.0000	17.2234	7.1974	0.0000	7.1974							0.0000
Off-Road	6.8853	68.5372	53.5718	0.1345		2.7358	2.7358		2.5268	2.5268							13,025.2802
Total	6.8853	68.5372	53.5718	0.1345	17.2234	2.7358	19.9591	7.1974	2.5268	9.7242							13,025.2802

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					

Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000							0.0000
Vendor	1.1971	80.3830	20.8314	0.3454	10.3275	0.4869	10.8144	2.8315	0.4658	3.2973							39,805.2868
Worker	0.3785	0.2713	3.6639	0.0103	1.2295	7.4200e-003	1.2370	0.3261	6.8300e-003	0.3329							1,063.9334
Total	1.5756	80.6543	24.4952	0.3557	11.5570	0.4943	12.0513	3.1576	0.4727	3.6302							40,869.2201

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					6.7171	0.0000	6.7171	2.8070	0.0000	2.8070							0.0000
Off-Road	2.1487	10.0578	70.8938	0.1345		0.3352	0.3352		0.3352	0.3352							13,025.2802
Total	2.1487	10.0578	70.8938	0.1345	6.7171	0.3352	7.0523	2.8070	0.3352	3.1422							13,025.2802

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							0.0000
Vendor	1.1971	80.3830	20.8314	0.3454	10.3275	0.4869	10.8144	2.8315	0.4658	3.2973							39,805.2868
Worker	0.3785	0.2713	3.6639	0.0103	1.2295	7.4200e-003	1.2370	0.3261	6.8300e-003	0.3329							1,063.9334
Total	1.5756	80.6543	24.4952	0.3557	11.5570	0.4943	12.0513	3.1576	0.4727	3.6302							40,869.2201

3.4 Phase 1a Grading - 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						
Fugitive Dust					17.2234	0.0000	17.2234	7.1974	0.0000	7.1974							0.0000
Off-Road	6.6289	63.9628	53.1713	0.1345		2.5535	2.5535		2.3579	2.3579							13,026.7134
Total	6.6289	63.9628	53.1713	0.1345	17.2234	2.5535	19.7768	7.1974	2.3579	9.5553							13,026.7134

Unmitigated Construction Off-Site

Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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							0.0000
Vendor	1.1887	80.5935	21.1919	0.3401	10.3278	0.4908	10.8185	2.8316	0.4695	3.3011							39,244.0514
Worker	0.3539	0.2422	3.4134	0.0100	1.2295	7.1200e-003	1.2367	0.3261	6.5500e-003	0.3326							1,041.6430
Total	1.5426	80.8357	24.6053	0.3501	11.5573	0.4979	12.0552	3.1577	0.4761	3.6338							40,285.6943

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					6.7171	0.0000	6.7171	2.8070	0.0000	2.8070							0.0000
Off-Road	2.1115	9.9782	70.8654	0.1345		0.3199	0.3199		0.3199	0.3199							13,026.7133
Total	2.1115	9.9782	70.8654	0.1345	6.7171	0.3199	7.0370	2.8070	0.3199	3.1269							13,026.7133

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							0.0000
Vendor	1.1887	80.5935	21.1919	0.3401	10.3278	0.4908	10.8185	2.8316	0.4695	3.3011							39,244.0514
Worker	0.3539	0.2422	3.4134	0.0100	1.2295	7.1200e-003	1.2367	0.3261	6.5500e-003	0.3326							1,041.6430
Total	1.5426	80.8357	24.6053	0.3501	11.5573	0.4979	12.0552	3.1577	0.4761	3.6338							40,285.6943

3.5 Phase 1a Mat Foundation - 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	2.8071	23.7210	21.0656	0.0459		1.0351	1.0351		0.9924	0.9924							4,393.9594
Total	2.8071	23.7210	21.0656	0.0459		1.0351	1.0351		0.9924	0.9924							4,393.9594

Unmitigated Construction Off-Site

Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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							0.0000
Vendor	0.0322	1.2081	0.4505	5.5000e-003	0.1922	5.8600e-003	0.1980	0.0553	5.6100e-003	0.0609							618.7957
Worker	0.4183	0.2862	4.0340	0.0118	1.4531	8.4100e-003	1.4615	0.3854	7.7400e-003	0.3931							1,231.0326
Total	0.4505	1.4943	4.4845	0.0173	1.6453	0.0143	1.6595	0.4407	0.0134	0.4541							1,849.8283

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	0.5581	2.5293	24.6044	0.0459		0.0807	0.0807		0.0807	0.0807							4,393.9594
Total	0.5581	2.5293	24.6044	0.0459		0.0807	0.0807		0.0807	0.0807							4,393.9594

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							0.0000
Vendor	0.0322	1.2081	0.4505	5.5000e-003	0.1922	5.8600e-003	0.1980	0.0553	5.6100e-003	0.0609							618.7957
Worker	0.4183	0.2862	4.0340	0.0118	1.4531	8.4100e-003	1.4615	0.3854	7.7400e-003	0.3931							1,231.0326
Total	0.4505	1.4943	4.4845	0.0173	1.6453	0.0143	1.6595	0.4407	0.0134	0.4541							1,849.8283

3.6 Phase 1a Garage to Podium Structure - 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	2.7169	20.0488	23.6816	0.0419		0.9154	0.9154		0.8915	0.8915							3,828.6514
Total	2.7169	20.0488	23.6816	0.0419		0.9154	0.9154		0.8915	0.8915							3,828.6514

Unmitigated Construction Off-Site

Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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							0.0000
Vendor	0.1570	7.1699	2.6977	0.0259	0.7264	0.0354	0.7618	0.1993	0.0339	0.2332							2,985.9236
Worker	0.3861	0.2642	3.7237	0.0109	1.3413	7.7600e-003	1.3491	0.3557	7.1500e-003	0.3629							1,136.3378
Total	0.5431	7.4341	6.4214	0.0369	2.0677	0.0431	2.1108	0.5550	0.0410	0.5960							4,122.2614

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	1.1741	6.4893	24.9004	0.0419		0.2276	0.2276		0.2276	0.2276							3,828.6514
Total	1.1741	6.4893	24.9004	0.0419		0.2276	0.2276		0.2276	0.2276							3,828.6514

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							0.0000
Vendor	0.1570	7.1699	2.6977	0.0259	0.7264	0.0354	0.7618	0.1993	0.0339	0.2332							2,985.9236
Worker	0.3861	0.2642	3.7237	0.0109	1.3413	7.7600e-003	1.3491	0.3557	7.1500e-003	0.3629							1,136.3378
Total	0.5431	7.4341	6.4214	0.0369	2.0677	0.0431	2.1108	0.5550	0.0410	0.5960							4,122.2614

3.6 Phase 1a Garage to Podium Structure - 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	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803							3,828.4803
Total	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803							3,828.4803

Unmitigated Construction Off-Site

Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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						0.0000
Vendor	0.1559	7.1270	2.7156	0.0254	0.7264	0.0354	0.7618	0.1993	0.0339	0.2332						2,933.1330
Worker	0.3623	0.2373	3.4731	0.0106	1.3413	7.4100e-003	1.3487	0.3557	6.8200e-003	0.3625						1,108.2723
Total	0.5182	7.3643	6.1887	0.0360	2.0677	0.0428	2.1105	0.5550	0.0407	0.5957						4,041.4053

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	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145						3,828.4803
Total	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145						3,828.4803

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						0.0000
Vendor	0.1559	7.1270	2.7156	0.0254	0.7264	0.0354	0.7618	0.1993	0.0339	0.2332						2,933.1330
Worker	0.3623	0.2373	3.4731	0.0106	1.3413	7.4100e-003	1.3487	0.3557	6.8200e-003	0.3625						1,108.2723
Total	0.5182	7.3643	6.1887	0.0360	2.0677	0.0428	2.1105	0.5550	0.0407	0.5957						4,041.4053

3.7 Phase 1b Structure - 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	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803						3,828.4803
Total	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803						3,828.4803

Unmitigated Construction Off-Site

Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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							0.0000
Vendor	0.0625	2.4049	0.8846	0.0108	0.3843	0.0118	0.3961	0.1107	0.0112	0.1219							1,215.4053
Worker	0.3623	0.2373	3.4731	0.0106	1.3413	7.4100e-003	1.3487	0.3557	6.8200e-003	0.3625							1,108.2723
Total	0.4248	2.6422	4.3576	0.0214	1.7257	0.0192	1.7448	0.4664	0.0181	0.4845							2,323.6776

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	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145							3,828.4803
Total	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145							3,828.4803

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							0.0000
Vendor	0.0625	2.4049	0.8846	0.0108	0.3843	0.0118	0.3961	0.1107	0.0112	0.1219							1,215.4053
Worker	0.3623	0.2373	3.4731	0.0106	1.3413	7.4100e-003	1.3487	0.3557	6.8200e-003	0.3625							1,108.2723
Total	0.4248	2.6422	4.3576	0.0214	1.7257	0.0192	1.7448	0.4664	0.0181	0.4845							2,323.6776

3.7 Phase 1b Structure - 2026

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	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803							3,828.4803
Total	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803							3,828.4803

Unmitigated Construction Off-Site

Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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							0.0000
Vendor	0.0608	2.3875	0.8721	0.0106	0.3843	0.0117	0.3961	0.1107	0.0112	0.1219							1,192.9312
Worker	0.3420	0.2154	3.2645	0.0102	1.3413	7.0300e-003	1.3484	0.3557	6.4700e-003	0.3622							1,083.1045
Total	0.4028	2.6029	4.1365	0.0208	1.7257	0.0188	1.7444	0.4664	0.0177	0.4841							2,276.0358

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	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145							3,828.4803
Total	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145							3,828.4803

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							0.0000
Vendor	0.0608	2.3875	0.8721	0.0106	0.3843	0.0117	0.3961	0.1107	0.0112	0.1219							1,192.9312
Worker	0.3420	0.2154	3.2645	0.0102	1.3413	7.0300e-003	1.3484	0.3557	6.4700e-003	0.3622							1,083.1045
Total	0.4028	2.6029	4.1365	0.0208	1.7257	0.0188	1.7444	0.4664	0.0177	0.4841							2,276.0358

3.8 Phase 1a Garage to Podium Interior Build - 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	1.6782	14.1739	19.4515	0.0336		0.5904	0.5904		0.5663	0.5663							3,219.3115
Total	1.6782	14.1739	19.4515	0.0336		0.5904	0.5904		0.5663	0.5663							3,219.3115

Unmitigated Construction Off-Site

Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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						0.0000
Vendor	0.0625	2.4049	0.8846	0.0108	0.3843	0.0118	0.3961	0.1107	0.0112	0.1219						1,215.4053
Worker	0.3623	0.2373	3.4731	0.0106	1.3413	7.4100e-003	1.3487	0.3557	6.8200e-003	0.3625						1,108.2723
Total	0.4248	2.6422	4.3576	0.0214	1.7257	0.0192	1.7448	0.4664	0.0181	0.4845						2,323.6776

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	0.4794	3.6798	20.5220	0.0336		0.0877	0.0877		0.0849	0.0849						3,219.3115
Total	0.4794	3.6798	20.5220	0.0336		0.0877	0.0877		0.0849	0.0849						3,219.3115

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						0.0000
Vendor	0.0625	2.4049	0.8846	0.0108	0.3843	0.0118	0.3961	0.1107	0.0112	0.1219						1,215.4053
Worker	0.3623	0.2373	3.4731	0.0106	1.3413	7.4100e-003	1.3487	0.3557	6.8200e-003	0.3625						1,108.2723
Total	0.4248	2.6422	4.3576	0.0214	1.7257	0.0192	1.7448	0.4664	0.0181	0.4845						2,323.6776

3.9 Phase 2 Structure - 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	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803						3,828.4803
Total	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803						3,828.4803

Unmitigated Construction Off-Site

Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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						0.0000
Vendor	0.0625	2.4049	0.8846	0.0108	0.3843	0.0118	0.3961	0.1107	0.0112	0.1219						1,215.4053
Worker	0.3623	0.2373	3.4731	0.0106	1.3413	7.4100e-003	1.3487	0.3557	6.8200e-003	0.3625						1,108.2723
Total	0.4248	2.6422	4.3576	0.0214	1.7257	0.0192	1.7448	0.4664	0.0181	0.4845						2,323.6776

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	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145						3,828.4803
Total	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145						3,828.4803

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						0.0000
Vendor	0.0625	2.4049	0.8846	0.0108	0.3843	0.0118	0.3961	0.1107	0.0112	0.1219						1,215.4053
Worker	0.3623	0.2373	3.4731	0.0106	1.3413	7.4100e-003	1.3487	0.3557	6.8200e-003	0.3625						1,108.2723
Total	0.4248	2.6422	4.3576	0.0214	1.7257	0.0192	1.7448	0.4664	0.0181	0.4845						2,323.6776

3.9 Phase 2 Structure - 2026

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	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803						3,828.4803
Total	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803						3,828.4803

Unmitigated Construction Off-Site

Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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						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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	12.0937					0.0000	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						0.0000
Total	12.0937	0.0000	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						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

3.11 Phase 3 Demo - 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					
Fugitive Dust					1.0501	0.0000	1.0501	0.1590	0.0000	0.1590						0.0000

Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Off-Road	2.3035	18.8650	27.3197	0.0473		0.8763	0.8763		0.8331	0.8331						4,542.5811
Total	2.3035	18.8650	27.3197	0.0473	1.0501	0.8763	1.9264	0.1590	0.8331	0.9921						4,542.5811

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						0.0000
Vendor	0.0798	5.4298	1.4557	0.0226	0.7002	0.0333	0.7335	0.1920	0.0319	0.2239						2,613.4115
Worker	0.1208	0.0791	1.1577	3.5200e-003	0.4471	2.4700e-003	0.4496	0.1186	2.2700e-003	0.1209						369.4241
Total	0.2006	5.5089	2.6134	0.0261	1.1473	0.0358	1.1831	0.3106	0.0342	0.3447						2,982.8356

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					0.4096	0.0000	0.4096	0.0620	0.0000	0.0620						0.0000
Off-Road	0.6176	3.3223	30.6388	0.0473		0.1048	0.1048		0.1029	0.1029						4,542.5811
Total	0.6176	3.3223	30.6388	0.0473	0.4096	0.1048	0.5144	0.0620	0.1029	0.1649						4,542.5811

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						0.0000
Vendor	0.0798	5.4298	1.4557	0.0226	0.7002	0.0333	0.7335	0.1920	0.0319	0.2239						2,613.4115
Worker	0.1208	0.0791	1.1577	3.5200e-003	0.4471	2.4700e-003	0.4496	0.1186	2.2700e-003	0.1209						369.4241
Total	0.2006	5.5089	2.6134	0.0261	1.1473	0.0358	1.1831	0.3106	0.0342	0.3447						2,982.8356

3.12 Phase 3 Grading - 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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Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Category	lb/day										lb/day					
Fugitive Dust					7.1087	0.0000	7.1087	3.4287	0.0000	3.4287						0.0000
Off-Road	2.6490	23.9187	24.8332	0.0633		0.9579	0.9579		0.8856	0.8856						6,113.0567
Total	2.6490	23.9187	24.8332	0.0633	7.1087	0.9579	8.0665	3.4287	0.8856	4.3143						6,113.0567

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						0.0000
Vendor	0.5985	40.7234	10.9175	0.1696	5.2515	0.2499	5.5015	1.4398	0.2391	1.6790						19,600.5862
Worker	0.2416	0.1582	2.3154	7.0400e-003	0.8942	4.9400e-003	0.8992	0.2372	4.5400e-003	0.2417						738.8482
Total	0.8401	40.8816	13.2329	0.1766	6.1457	0.2549	6.4006	1.6770	0.2437	1.9207						20,339.4344

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					2.7724	0.0000	2.7724	1.3372	0.0000	1.3372						0.0000
Off-Road	1.0155	4.9011	35.0641	0.0633		0.1533	0.1533		0.1533	0.1533						6,113.0567
Total	1.0155	4.9011	35.0641	0.0633	2.7724	0.1533	2.9257	1.3372	0.1533	1.4905						6,113.0567

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						0.0000
Vendor	0.5985	40.7234	10.9175	0.1696	5.2515	0.2499	5.5015	1.4398	0.2391	1.6790						19,600.5862
Worker	0.2416	0.1582	2.3154	7.0400e-003	0.8942	4.9400e-003	0.8992	0.2372	4.5400e-003	0.2417						738.8482
Total	0.8401	40.8816	13.2329	0.1766	6.1457	0.2549	6.4006	1.6770	0.2437	1.9207						20,339.4344

3.12 Phase 3 Grading - 2026

Unmitigated Construction On-Site

Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.1087	0.0000	7.1087	3.4287	0.0000	3.4287							0.0000
Off-Road	2.6490	23.9187	24.8332	0.0633		0.9579	0.9579		0.8856	0.8856							6,113.0567
Total	2.6490	23.9187	24.8332	0.0633	7.1087	0.9579	8.0665	3.4287	0.8856	4.3143							6,113.0567

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							0.0000
Vendor	0.5918	40.3073	11.0403	0.1661	5.2517	0.2487	5.5003	1.4399	0.2379	1.6778							19,225.7163
Worker	0.2280	0.1436	2.1763	6.8200e-003	0.8942	4.6900e-003	0.8989	0.2372	4.3100e-003	0.2415							722.0697
Total	0.8198	40.4509	13.2166	0.1729	6.1459	0.2533	6.3992	1.6770	0.2422	1.9192							19,947.7860

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					2.7724	0.0000	2.7724	1.3372	0.0000	1.3372							0.0000
Off-Road	1.0155	4.9011	35.0641	0.0633		0.1533	0.1533		0.1533	0.1533							6,113.0567
Total	1.0155	4.9011	35.0641	0.0633	2.7724	0.1533	2.9257	1.3372	0.1533	1.4905							6,113.0567

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							0.0000
Vendor	0.5918	40.3073	11.0403	0.1661	5.2517	0.2487	5.5003	1.4399	0.2379	1.6778							19,225.7163
Worker	0.2280	0.1436	2.1763	6.8200e-003	0.8942	4.6900e-003	0.8989	0.2372	4.3100e-003	0.2415							722.0697
Total	0.8198	40.4509	13.2166	0.1729	6.1459	0.2533	6.3992	1.6770	0.2422	1.9192							19,947.7860

Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.13 Phase 3 Site Prep - 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					
Fugitive Dust					0.0129	0.0000	0.0129	1.9500e-003	0.0000	1.9500e-003						0.0000
Off-Road	0.6948	5.8418	8.7271	0.0176		0.2651	0.2651		0.2439	0.2439						1,718.3670
Total	0.6948	5.8418	8.7271	0.0176	0.0129	0.2651	0.2780	1.9500e-003	0.2439	0.2459						1,718.3670

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						0.0000
Vendor	0.1249	12.0405	2.4087	0.0545	1.7488	0.0824	1.8312	0.4793	0.0788	0.5581						6,301.2110
Worker	0.1208	0.0791	1.1577	3.5200e-003	0.4471	2.4700e-003	0.4496	0.1186	2.2700e-003	0.1209						369.4241
Total	0.2457	12.1196	3.5663	0.0580	2.1959	0.0848	2.2807	0.5979	0.0811	0.6790						6,670.6351

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					5.0100e-003	0.0000	5.0100e-003	7.6000e-004	0.0000	7.6000e-004						0.0000
Off-Road	0.2173	0.9417	11.4678	0.0176		0.0290	0.0290		0.0290	0.0290						1,718.3670
Total	0.2173	0.9417	11.4678	0.0176	5.0100e-003	0.0290	0.0340	7.6000e-004	0.0290	0.0297						1,718.3670

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						0.0000
Vendor	0.1249	12.0405	2.4087	0.0545	1.7488	0.0824	1.8312	0.4793	0.0788	0.5581						6,301.2110
Worker	0.1208	0.0791	1.1577	3.5200e-003	0.4471	2.4700e-003	0.4496	0.1186	2.2700e-003	0.1209						369.4241

Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Vendor	0.0608	2.3875	0.8721	0.0106	0.3843	0.0117	0.3961	0.1107	0.0112	0.1219							1,192.9312
Worker	0.8551	0.5386	8.1611	0.0256	3.3533	0.0176	3.3709	0.8893	0.0162	0.9055							2,707.7614
Total	0.9159	2.9261	9.0332	0.0362	3.7376	0.0293	3.7669	1.0000	0.0274	1.0274							3,900.6926

3.17 Landscape/Hardscape - 2026

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	1.4797	13.3417	17.6189	0.0271		0.6642	0.6642		0.6216	0.6216							2,573.3702
Paving	0.0000					0.0000	0.0000		0.0000	0.0000							0.0000
Total	1.4797	13.3417	17.6189	0.0271		0.6642	0.6642		0.6216	0.6216							2,573.3702

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							0.0000
Vendor	0.0203	0.7958	0.2907	3.5300e-003	0.1281	3.9100e-003	0.1320	0.0369	3.7400e-003	0.0406							397.6438
Worker	0.1140	0.0718	1.0882	3.4100e-003	0.4471	2.3400e-003	0.4495	0.1186	2.1600e-003	0.1207							361.0349
Total	0.1343	0.8676	1.3788	6.9400e-003	0.5752	6.2500e-003	0.5815	0.1555	5.9000e-003	0.1614							758.6786

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	0.4848	2.9378	18.8043	0.0271		0.0980	0.0980		0.0961	0.0961							2,573.3702
Paving	0.0000					0.0000	0.0000		0.0000	0.0000							0.0000
Total	0.4848	2.9378	18.8043	0.0271		0.0980	0.0980		0.0961	0.0961							2,573.3702

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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Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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					0.0000
Vendor	0.0203	0.7958	0.2907	3.5300e-003	0.1281	3.9100e-003	0.1320	0.0369	3.7400e-003	0.0406					397.6438	
Worker	0.1140	0.0718	1.0882	3.4100e-003	0.4471	2.3400e-003	0.4495	0.1186	2.1600e-003	0.1207					361.0349	
Total	0.1343	0.8676	1.3788	6.9400e-003	0.5752	6.2500e-003	0.5815	0.1555	5.9000e-003	0.1614					758.6786	

3.17 Landscape/Hardscape - 2027

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	1.4797	13.3417	17.6189	0.0271		0.6642	0.6642		0.6216	0.6216						2,573.3702
Paving	0.0000					0.0000	0.0000		0.0000	0.0000						0.0000
Total	1.4797	13.3417	17.6189	0.0271		0.6642	0.6642		0.6216	0.6216						2,573.3702

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						0.0000
Vendor	0.0198	0.7900	0.2873	3.4600e-003	0.1281	3.8900e-003	0.1320	0.0369	3.7200e-003	0.0406						389.8481
Worker	0.1078	0.0656	1.0292	3.3200e-003	0.4471	2.2000e-003	0.4493	0.1186	2.0300e-003	0.1206						353.6499
Total	0.1276	0.8557	1.3165	6.7800e-003	0.5752	6.0900e-003	0.5813	0.1555	5.7500e-003	0.1612						743.4981

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	0.4848	2.9378	18.8043	0.0271		0.0980	0.0980		0.0961	0.0961						2,573.3702
Paving	0.0000					0.0000	0.0000		0.0000	0.0000						0.0000
Total	0.4848	2.9378	18.8043	0.0271		0.0980	0.0980		0.0961	0.0961						2,573.3702

Mitigated Construction Off-Site

Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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							0.0000
Vendor	0.0198	0.7900	0.2873	3.4600e-003	0.1281	3.8900e-003	0.1320	0.0369	3.7200e-003	0.0406							389.8481
Worker	0.1078	0.0656	1.0292	3.3200e-003	0.4471	2.2000e-003	0.4493	0.1186	2.0300e-003	0.1206							353.6499
Total	0.1276	0.8557	1.3165	6.7800e-003	0.5752	6.0900e-003	0.5813	0.1555	5.7500e-003	0.1612							743.4981

3.18 Phase 3 Interior Build - 2026

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	1.6782	14.1739	19.4515	0.0336		0.5904	0.5904		0.5663	0.5663							3,219.3115
Total	1.6782	14.1739	19.4515	0.0336		0.5904	0.5904		0.5663	0.5663							3,219.3115

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							0.0000
Vendor	0.0608	2.3875	0.8721	0.0106	0.3843	0.0117	0.3961	0.1107	0.0112	0.1219							1,192.9312
Worker	0.2850	0.1795	2.7204	8.5300e-003	1.1178	5.8600e-003	1.1236	0.2964	5.3900e-003	0.3018							902.5871
Total	0.3458	2.5670	3.5925	0.0191	1.5021	0.0176	1.5197	0.4071	0.0166	0.4237							2,095.5184

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	0.4794	3.6798	20.5220	0.0336		0.0877	0.0877		0.0849	0.0849							3,219.3115
Total	0.4794	3.6798	20.5220	0.0336		0.0877	0.0877		0.0849	0.0849							3,219.3115

Mitigated Construction Off-Site

Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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							0.0000
Vendor	0.0608	2.3875	0.8721	0.0106	0.3843	0.0117	0.3961	0.1107	0.0112	0.1219							1,192.9312
Worker	0.2850	0.1795	2.7204	8.5300e-003	1.1178	5.8600e-003	1.1236	0.2964	5.3900e-003	0.3018							902.5871
Total	0.3458	2.5670	3.5925	0.0191	1.5021	0.0176	1.5197	0.4071	0.0166	0.4237							2,095.5184

3.18 Phase 3 Interior Build - 2027

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	1.6782	14.1739	19.4515	0.0336		0.5904	0.5904		0.5663	0.5663							3,219.3115
Total	1.6782	14.1739	19.4515	0.0336		0.5904	0.5904		0.5663	0.5663							3,219.3115

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							0.0000
Vendor	0.0593	2.3701	0.8618	0.0104	0.3843	0.0117	0.3960	0.1107	0.0112	0.1218							1,169.5444
Worker	0.2696	0.1641	2.5731	8.2900e-003	1.1178	5.5100e-003	1.1233	0.2964	5.0700e-003	0.3015							884.1249
Total	0.3289	2.5342	3.4349	0.0187	1.5021	0.0172	1.5193	0.4071	0.0162	0.4233							2,053.6692

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	0.4794	3.6798	20.5220	0.0336		0.0877	0.0877		0.0849	0.0849							3,219.3115
Total	0.4794	3.6798	20.5220	0.0336		0.0877	0.0877		0.0849	0.0849							3,219.3115

Mitigated Construction Off-Site

Sportsman Lodge Construction - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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							0.0000
Vendor	0.0593	2.3701	0.8618	0.0104	0.3843	0.0117	0.3960	0.1107	0.0112	0.1218							1,169.5444
Worker	0.2696	0.1641	2.5731	8.2900e-003	1.1178	5.5100e-003	1.1233	0.2964	5.0700e-003	0.3015							884.1249
Total	0.3289	2.5342	3.4349	0.0187	1.5021	0.0172	1.5193	0.4071	0.0162	0.4233							2,053.6692

Sportsman Lodge Construction Mat Pour Day - Los Angeles-South Coast County, Winter
EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Sportsman Lodge Construction Mat Pour Day
 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	1,390.00	Space	0.00	556,000.00	0
High Turnover (Sit Down Restaurant)	18.02	1000sqft	0.00	18,020.00	0
Apartments Mid Rise	520.00	Dwelling Unit	5.80	545,021.00	1241
Strip Mall	27.93	1000sqft	0.00	27,930.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	12	Operational Year	2027		
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWahr)	539	CH4 Intensity (lb/MWahr)	0.049	N2O Intensity (lb/MWahr)	0.007

1.3 User Entered Comments & Non-Default Data

Construction Phase - The Project requires 10 mat foundation pour days that would limit other onsite construction activities.
 Off-road Equipment - Site Specific Equipment List
 Off-road Equipment - Site Specific
 Trips and VMT - Concrete Mat Pour Day

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	230.00	10.00
tblOffRoadEquipment	OffRoadEquipmentType		Pumps
tblOffRoadEquipment	OffRoadEquipmentType		Plate Compactors
tblTripsAndVMT	VendorTripNumber	154.00	296.00
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	WorkerTripNumber	624.00	130.00

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					
2024	4.9572	51.9300	57.8515	0.1605	3.2448	1.6206	4.8654	0.8770	1.6161	2.4931						16,495.7745
Maximum	4.9572	51.9300	57.8515	0.1605	3.2448	1.6206	4.8654	0.8770	1.6161	2.4931						16,495.7745

Mitigated Construction

Sportsman Lodge Construction Mat Pour Day - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	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						
2024	2.0760	24.4081	61.8904	0.1605	3.2448	0.3181	3.5629	0.8770	0.3137	1.1907							16,495.7745
Maximum	2.0760	24.4081	61.8904	0.1605	3.2448	0.3181	3.5629	0.8770	0.3137	1.1907							16,495.7745

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase 1a Mat Foundation Pour Day	Building Construction	3/1/2024	3/14/2024	5	10	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating –

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase 1a Mat Foundation Pour Day	Pumps	6	16.00	84	0.74
Phase 1a Mat Foundation Pour Day	Plate Compactors	6	16.00	8	0.43

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
Phase 1a Mat Foundation Pour Day	12	130.00	296.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Phase 1a Mat Foundation Pour Day - 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	4.1517	33.9580	47.1632	0.0848		1.5249	1.5249		1.5249	1.5249							7,899.4638
Total	4.1517	33.9580	47.1632	0.0848		1.5249	1.5249		1.5249	1.5249							7,899.4638

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					

Sportsman Lodge Construction Mat Pour Day - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000							0.0000
Vendor	0.3872	17.6858	6.6544	0.0639	1.7917	0.0873	1.8790	0.4916	0.0835	0.5751							7,365.2782
Worker	0.4183	0.2862	4.0340	0.0118	1.4531	8.4100e-003	1.4615	0.3854	7.7400e-003	0.3931							1,231.0326
Total	0.8054	17.9720	10.6884	0.0758	3.2448	0.0957	3.3405	0.8770	0.0912	0.9682							8,596.3107

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	1.2706	6.4361	51.2020	0.0848		0.2225	0.2225		0.2225	0.2225							7,899.4638
Total	1.2706	6.4361	51.2020	0.0848		0.2225	0.2225		0.2225	0.2225							7,899.4638

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							0.0000
Vendor	0.3872	17.6858	6.6544	0.0639	1.7917	0.0873	1.8790	0.4916	0.0835	0.5751							7,365.2782
Worker	0.4183	0.2862	4.0340	0.0118	1.4531	8.4100e-003	1.4615	0.3854	7.7400e-003	0.3931							1,231.0326
Total	0.8054	17.9720	10.6884	0.0758	3.2448	0.0957	3.3405	0.8770	0.0912	0.9682							8,596.3107

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Sportsman Lodge Construction Localized
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	1,390.00	Space	0.00	556,000.00	0
High Turnover (Sit Down Restaurant)	18.02	1000sqft	0.00	18,020.00	0
Apartments Mid Rise	520.00	Dwelling Unit	5.80	545,021.00	1241
Strip Mall	27.93	1000sqft	0.00	27,930.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	12			Operational Year	2027
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWahr)	539	CH4 Intensity (lb/MWahr)	0.049	N2O Intensity (lb/MWahr)	0.007

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Updated default CalEEMod LADWP Intensity Factor of 690.4 (2020) to 539 to account for Buildout Year RPS reduction.

Land Use - Project specific square footage and population consistent with LADOT VMT Calculator

Construction Phase - Site Specific Construction Schedule

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Trips and VMT - Site Specific Trips/Trip Lengths to Export Location

On-road Fugitive Dust -

Demolition -

Grading -

Architectural Coating - Site Specific

Vehicle Trips - LADOT VMT Calculator Trips/VMT

Road Dust - default

Consumer Products - default

Construction Off-road Equipment Mitigation - Tier 4 Final

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	47.00

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	29.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	330.00
tblConstructionPhase	NumDays	230.00	139.00
tblConstructionPhase	NumDays	230.00	226.00
tblConstructionPhase	NumDays	230.00	142.00
tblConstructionPhase	NumDays	230.00	71.00
tblConstructionPhase	NumDays	230.00	88.00
tblConstructionPhase	NumDays	230.00	215.00
tblConstructionPhase	NumDays	230.00	305.00
tblConstructionPhase	NumDays	230.00	110.00
tblConstructionPhase	NumDays	230.00	253.00
tblConstructionPhase	NumDays	20.00	46.00
tblConstructionPhase	NumDays	20.00	42.00
tblConstructionPhase	NumDays	20.00	69.00
tblConstructionPhase	NumDays	20.00	114.00
tblConstructionPhase	NumDays	20.00	45.00
tblConstructionPhase	NumDays	10.00	44.00
tblConstructionPhase	NumDays	10.00	30.00
tblGrading	MaterialExported	0.00	15,910.00
tblGrading	MaterialExported	0.00	410,230.00
tblGrading	MaterialExported	0.00	5,000.00
tblLandUse	LandUseSquareFeet	520,000.00	545,021.00
tblLandUse	LotAcreage	12.51	0.00
tblLandUse	LotAcreage	0.41	0.00
tblLandUse	LotAcreage	13.68	5.80

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblLandUse	LotAcreage	0.64	0.00
tblLandUse	Population	1,487.00	1,241.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	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	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	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	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	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	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CH4IntensityFactor	0.033	0.049
tblProjectCharacteristics	CO2IntensityFactor	691.98	539
tblProjectCharacteristics	N2OIntensityFactor	0.004	0.007
tblTripsAndVMT	HaulingTripNumber	900.00	0.00
tblTripsAndVMT	HaulingTripNumber	51,279.00	0.00
tblTripsAndVMT	HaulingTripNumber	204.00	0.00
tblTripsAndVMT	HaulingTripNumber	1,989.00	0.00
tblTripsAndVMT	HaulingTripNumber	625.00	0.00
tblTripsAndVMT	VendorTripLength	6.90	20.00
tblTripsAndVMT	VendorTripLength	6.90	20.00
tblTripsAndVMT	VendorTripLength	6.90	20.00
tblTripsAndVMT	VendorTripLength	6.90	20.00
tblTripsAndVMT	VendorTripLength	6.90	100.00
tblTripsAndVMT	VendorTripNumber	154.00	0.00
tblTripsAndVMT	VendorTripNumber	154.00	0.00
tblTripsAndVMT	VendorTripNumber	154.00	0.00
tblTripsAndVMT	VendorTripNumber	154.00	0.00
tblTripsAndVMT	VendorTripNumber	154.00	0.00
tblTripsAndVMT	VendorTripNumber	154.00	0.00
tblTripsAndVMT	VendorTripNumber	154.00	0.00
tblTripsAndVMT	VendorTripNumber	154.00	0.00
tblTripsAndVMT	VendorTripNumber	154.00	0.00
tblTripsAndVMT	VendorTripNumber	154.00	0.00
tblTripsAndVMT	VendorTripNumber	154.00	0.00
tblTripsAndVMT	VendorTripNumber	154.00	0.00
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	WorkerTripNumber	40.00	0.00
tblTripsAndVMT	WorkerTripNumber	20.00	0.00
tblTripsAndVMT	WorkerTripNumber	50.00	0.00
tblTripsAndVMT	WorkerTripNumber	624.00	0.00
tblTripsAndVMT	WorkerTripNumber	624.00	0.00
tblTripsAndVMT	WorkerTripNumber	624.00	0.00
tblTripsAndVMT	WorkerTripNumber	624.00	0.00
tblTripsAndVMT	WorkerTripNumber	624.00	0.00
tblTripsAndVMT	WorkerTripNumber	624.00	0.00
tblTripsAndVMT	WorkerTripNumber	125.00	0.00
tblTripsAndVMT	WorkerTripNumber	28.00	0.00
tblTripsAndVMT	WorkerTripNumber	28.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	624.00	0.00
tblTripsAndVMT	WorkerTripNumber	624.00	0.00
tblTripsAndVMT	WorkerTripNumber	624.00	0.00
tblTripsAndVMT	WorkerTripNumber	25.00	0.00
tblTripsAndVMT	WorkerTripNumber	624.00	0.00

2.0 Emissions Summary

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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					
2023	6.8853	68.5372	53.5718	0.1345	17.2234	2.7358	19.9591	7.1974	2.5268	9.7242						13,025.2802
2024	9.4361	87.6838	74.2368	0.1804	17.2234	3.5886	20.8119	7.1974	3.3503	10.5477						17,420.6727
2025	20.5841	67.5689	80.7444	0.1646	7.1215	2.8262	9.9477	3.4306	2.6902	6.1208						15,488.3842
2026	21.5676	75.9010	91.4688	0.1806	7.1215	3.1515	10.2602	3.4306	3.0125	6.4412						16,989.3287
2027	3.1579	27.5156	37.0704	0.0607	0.0000	1.2546	1.2546	0.0000	1.1878	1.1878						5,792.6817
Maximum	21.5676	87.6838	91.4688	0.1806	17.2234	3.5886	20.8119	7.1974	3.3503	10.5477						17,420.6727

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					
2023	2.1487	10.0578	70.8938	0.1345	6.7171	0.3352	7.0523	2.8070	0.3352	3.1422						13,025.2802
2024	2.6696	12.5074	95.4698	0.1804	6.7171	0.4006	7.1177	2.8070	0.4006	3.2076						17,420.6727
2025	15.6104	18.6667	96.2845	0.1646	2.7774	0.6112	3.3886	1.3380	0.6112	1.9491						15,488.3842
2026	15.9989	22.9156	105.3387	0.1806	2.7774	0.7311	3.4423	1.3380	0.7282	2.0043						16,989.3287
2027	0.9642	6.6176	39.3263	0.0607	0.0000	0.1857	0.1857	0.0000	0.1809	0.1809						5,792.6817
Maximum	15.9989	22.9156	105.3387	0.1806	6.7171	0.7311	7.1177	2.8070	0.7282	3.2076						17,420.6727

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase 0 Demolition	Demolition	7/25/2023	9/26/2023	5	46	
2	Phase 0B Utility Relocation, and Temp. Parking	Site Preparation	9/27/2023	11/7/2023	5	30	
3	Phase 1a Grading	Grading	11/8/2023	4/15/2024	5	114	
4	Phase 1a Mat Foundation	Building Construction	3/1/2024	7/2/2024	5	88	
5	Phase 1a Garage to Podium Structure	Building Construction	6/12/2024	4/8/2025	5	215	
6	Phase 1b Structure	Building Construction	2/7/2025	4/9/2026	5	305	
7	Phase 1a Garage to Podium Interior Build	Building Construction	2/21/2025	7/24/2025	5	110	
8	Phase 2 Structure	Building Construction	7/7/2025	6/24/2026	5	253	
9	Architectural Coating	Architectural Coating	7/24/2025	10/28/2026	5	330	
10	Phase 3 Demo	Demolition	9/5/2025	11/3/2025	5	42	
11	Phase 3 Grading	Grading	11/4/2025	2/6/2026	5	69	
12	Phase 3 Site Prep	Site Preparation	11/25/2025	1/23/2026	5	44	
13	Phase 1b Interior Build	Building Construction	2/5/2026	8/18/2026	5	139	

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

14	Phase 3 Structure	Building Construction	2/9/2026	12/21/2026	5	226
15	Phase 2 Interior Build	Building Construction	4/14/2026	10/28/2026	5	142
16	Landscape/Hardscape	Paving	11/3/2026	1/4/2027	5	45
17	Phase 3 Interior Build	Building Construction	11/5/2026	2/11/2027	5	71

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 513

Acres of Paving: 0

Residential Indoor: 1,103,668; Residential Outdoor: 367,889; Non-Residential Indoor: 68,925; Non-Residential Outdoor: 22,975; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase 0 Demolition	Air Compressors	5	8.00	78	0.48
Phase 0 Demolition	Concrete/Industrial Saws	2	8.00	81	0.73
Phase 0 Demolition	Excavators	3	8.00	158	0.38
Phase 0 Demolition	Other Construction Equipment	1	8.00	172	0.42
Phase 0 Demolition	Paving Equipment	2	8.00	132	0.36
Phase 0 Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Phase 0 Demolition	Signal Boards	0	8.00	6	0.82
Phase 0 Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 0 Demolition	Trenchers	1	8.00	78	0.50
Phase 0B Utility Relocation, and Temp Parking	Air Compressors	2	8.00	78	0.48
Phase 0B Utility Relocation, and Temp Parking	Concrete/Industrial Saws	2	8.00	81	0.73
Phase 0B Utility Relocation, and Temp Parking	Forklifts	4	8.00	89	0.20
Phase 0B Utility Relocation, and Temp Parking	Rubber Tired Dozers	0	8.00	247	0.40
Phase 0B Utility Relocation, and Temp Parking	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Phase 1a Grading	Bore/Drill Rigs	2	8.00	221	0.50
Phase 1a Grading	Excavators	4	8.00	158	0.38
Phase 1a Grading	Graders	3	8.00	187	0.41
Phase 1a Grading	Other Construction Equipment	1	8.00	172	0.42
Phase 1a Grading	Rubber Tired Dozers	2	8.00	247	0.40
Phase 1a Grading	Rubber Tired Loaders	2	8.00	203	0.36
Phase 1a Grading	Scrapers	2	8.00	367	0.48
Phase 1a Grading	Signal Boards	1	8.00	6	0.82
Phase 1a Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 1a Grading	Welders	2	8.00	46	0.45
Phase 1a Mat Foundation	Air Compressors	6	8.00	78	0.48
Phase 1a Mat Foundation	Cranes	0	7.00	231	0.29
Phase 1a Mat Foundation	Excavators	0	8.00	158	0.38
Phase 1a Mat Foundation	Forklifts	0	8.00	89	0.20
Phase 1a Mat Foundation	Generator Sets	0	8.00	84	0.74
Phase 1a Mat Foundation	Graders	1	8.00	187	0.41
Phase 1a Mat Foundation	Rubber Tired Dozers	1	8.00	247	0.40
Phase 1a Mat Foundation	Rubber Tired Loaders	1	8.00	203	0.36
Phase 1a Mat Foundation	Signal Boards	1	8.00	6	0.82
Phase 1a Mat Foundation	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 1a Mat Foundation	Welders	0	8.00	46	0.45
Phase 1a Garage to Podium Structure	Air Compressors	4	8.00	78	0.48
Phase 1a Garage to Podium Structure	Cement and Mortar Mixers	3	8.00	9	0.56
Phase 1a Garage to Podium Structure	Concrete/Industrial Saws	1	8.00	81	0.73
Phase 1a Garage to Podium Structure	Cranes	1	8.00	231	0.29
Phase 1a Garage to Podium Structure	Forklifts	3	8.00	89	0.20
Phase 1a Garage to Podium Structure	Generator Sets	0	8.00	84	0.74

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Phase 1a Garage to Podium Structure	Plate Compactors	3	8.00	8	0.43
Phase 1a Garage to Podium Structure	Signal Boards	1	8.00	6	0.82
Phase 1a Garage to Podium Structure	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 1a Garage to Podium Structure	Welders	2	8.00	46	0.45
Phase 1b Structure	Air Compressors	4	8.00	78	0.48
Phase 1b Structure	Cement and Mortar Mixers	3	8.00	9	0.56
Phase 1b Structure	Concrete/Industrial Saws	1	8.00	81	0.73
Phase 1b Structure	Cranes	1	8.00	231	0.29
Phase 1b Structure	Forklifts	3	8.00	89	0.20
Phase 1b Structure	Generator Sets	0	8.00	84	0.74
Phase 1b Structure	Plate Compactors	3	8.00	8	0.43
Phase 1b Structure	Signal Boards	1	8.00	6	0.82
Phase 1b Structure	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 1b Structure	Welders	2	8.00	46	0.45
Phase 1a Garage to Podium Interior Build	Aerial Lifts	4	8.00	63	0.31
Phase 1a Garage to Podium Interior Build	Air Compressors	4	8.00	78	0.48
Phase 1a Garage to Podium Interior Build	Cranes	1	8.00	231	0.29
Phase 1a Garage to Podium Interior Build	Forklifts	3	8.00	89	0.20
Phase 1a Garage to Podium Interior Build	Generator Sets	0	8.00	84	0.74
Phase 1a Garage to Podium Interior Build	Signal Boards	1	8.00	6	0.82
Phase 1a Garage to Podium Interior Build	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 1a Garage to Podium Interior Build	Welders	0	8.00	46	0.45
Phase 2 Structure	Air Compressors	4	8.00	78	0.48
Phase 2 Structure	Cement and Mortar Mixers	3	8.00	9	0.56
Phase 2 Structure	Concrete/Industrial Saws	1	8.00	81	0.73
Phase 2 Structure	Cranes	1	8.00	231	0.29
Phase 2 Structure	Forklifts	3	8.00	89	0.20
Phase 2 Structure	Generator Sets	0	8.00	84	0.74
Phase 2 Structure	Plate Compactors	3	8.00	8	0.43
Phase 2 Structure	Signal Boards	1	8.00	6	0.82
Phase 2 Structure	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 2 Structure	Welders	2	8.00	46	0.45
Architectural Coating	Air Compressors	0	6.00	78	0.48
Phase 3 Demo	Air Compressors	2	8.00	78	0.48
Phase 3 Demo	Concrete/Industrial Saws	2	8.00	81	0.73
Phase 3 Demo	Excavators	1	8.00	158	0.38
Phase 3 Demo	Other Construction Equipment	1	8.00	172	0.42
Phase 3 Demo	Rubber Tired Dozers	0	8.00	247	0.40
Phase 3 Demo	Rubber Tired Loaders	1	8.00	203	0.36
Phase 3 Demo	Signal Boards	1	8.00	6	0.82
Phase 3 Demo	Skid Steer Loaders	1	8.00	65	0.37
Phase 3 Demo	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 3 Demo	Trenchers	1	8.00	78	0.50
Phase 3 Grading	Bore/Drill Rigs	2	8.00	221	0.50
Phase 3 Grading	Excavators	2	8.00	158	0.38
Phase 3 Grading	Graders	1	8.00	187	0.41
Phase 3 Grading	Other Construction Equipment	1	8.00	172	0.42
Phase 3 Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase 3 Grading	Rubber Tired Loaders	1	8.00	203	0.36
Phase 3 Grading	Signal Boards	1	8.00	6	0.82
Phase 3 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 3 Grading	Welders	1	8.00	46	0.45
Phase 3 Site Prep	Excavators	1	8.00	158	0.38

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Phase 3 Site Prep	Other Construction Equipment	1	8.00	172	0.42
Phase 3 Site Prep	Rubber Tired Dozers	0	8.00	247	0.40
Phase 3 Site Prep	Rubber Tired Loaders	1	8.00	203	0.36
Phase 3 Site Prep	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Phase 1b Interior Build	Aerial Lifts	4	8.00	63	0.31
Phase 1b Interior Build	Air Compressors	4	8.00	78	0.48
Phase 1b Interior Build	Cranes	1	8.00	231	0.29
Phase 1b Interior Build	Forklifts	3	8.00	89	0.20
Phase 1b Interior Build	Generator Sets	0	8.00	84	0.74
Phase 1b Interior Build	Signal Boards	1	8.00	6	0.82
Phase 1b Interior Build	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 1b Interior Build	Welders	0	8.00	46	0.45
Phase 3 Structure	Air Compressors	4	8.00	78	0.48
Phase 3 Structure	Cement and Mortar Mixers	3	8.00	9	0.56
Phase 3 Structure	Concrete/Industrial Saws	1	8.00	81	0.73
Phase 3 Structure	Cranes	1	8.00	231	0.29
Phase 3 Structure	Forklifts	3	8.00	89	0.20
Phase 3 Structure	Generator Sets	0	8.00	84	0.74
Phase 3 Structure	Plate Compactors	3	8.00	8	0.43
Phase 3 Structure	Signal Boards	1	8.00	6	0.82
Phase 3 Structure	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 3 Structure	Welders	0	8.00	46	0.45
Phase 3 Structure	Welders	2	8.00	46	0.45
Phase 2 Interior Build	Aerial Lifts	4	8.00	63	0.31
Phase 2 Interior Build	Air Compressors	4	8.00	78	0.48
Phase 2 Interior Build	Cranes	1	8.00	231	0.29
Phase 2 Interior Build	Forklifts	3	8.00	89	0.20
Phase 2 Interior Build	Generator Sets	0	8.00	84	0.74
Phase 2 Interior Build	Signal Boards	1	8.00	6	0.82
Phase 2 Interior Build	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 2 Interior Build	Welders	0	8.00	46	0.45
Landscape/Hardscape	Cement and Mortar Mixers	1	8.00	9	0.56
Landscape/Hardscape	Concrete/Industrial Saws	1	8.00	81	0.73
Landscape/Hardscape	Forklifts	1	8.00	89	0.20
Landscape/Hardscape	Other Construction Equipment	1	8.00	172	0.42
Landscape/Hardscape	Pavers	0	8.00	130	0.42
Landscape/Hardscape	Paving Equipment	0	8.00	132	0.36
Landscape/Hardscape	Plate Compactors	1	8.00	8	0.43
Landscape/Hardscape	Rollers	1	8.00	80	0.38
Landscape/Hardscape	Signal Boards	1	8.00	6	0.82
Landscape/Hardscape	Skid Steer Loaders	1	8.00	65	0.37
Landscape/Hardscape	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Landscape/Hardscape	Trenchers	1	8.00	78	0.50
Phase 3 Interior Build	Aerial Lifts	4	8.00	63	0.31
Phase 3 Interior Build	Air Compressors	4	8.00	78	0.48
Phase 3 Interior Build	Cranes	1	8.00	231	0.29
Phase 3 Interior Build	Forklifts	3	8.00	89	0.20
Phase 3 Interior Build	Generator Sets	0	8.00	84	0.74
Phase 3 Interior Build	Signal Boards	1	8.00	6	0.82
Phase 3 Interior Build	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 3 Interior Build	Welders	0	8.00	46	0.45

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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
Phase 0 Demolition	16	0.00	0.00	0.00	14.70	20.00	20.00	LD_Mix	HHDT	HHDT
Phase 0B Utility Relocation and Temp.	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 1a Grading	20	0.00	0.00	0.00	14.70	20.00	20.00	LD_Mix	HHDT	HHDT
Phase 1a Mat Foundation	10	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 1a Garage to Podium Structure	18	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Phase 1b Structure	18	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 1a Garage to Podium Interior Build	13	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 2 Structure	18	0.00	0.00	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
Phase 3 Demo	11	0.00	0.00	0.00	14.70	20.00	20.00	LD_Mix	HHDT	HHDT
Phase 3 Grading	11	0.00	0.00	0.00	14.70	20.00	20.00	LD_Mix	HHDT	HHDT
Phase 3 Site Prep	3	0.00	0.00	0.00	14.70	100.00	20.00	LD_Mix	HHDT	HHDT
Phase 1b Interior Build	13	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 3 Structure	18	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 2 Interior Build	13	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Landscape/Hardscape	10	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 3 Interior Build	13	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Phase 0 Demolition - 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					4.2365	0.0000	4.2365	0.6414	0.0000	0.6414						0.0000
Off-Road	4.3838	37.0406	46.2079	0.0772		1.9120	1.9120		1.8173	1.8173						7,444.3256
Total	4.3838	37.0406	46.2079	0.0772	4.2365	1.9120	6.1484	0.6414	1.8173	2.4588						7,444.3256

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						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

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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						0.0000
Off-Road	0.2797	1.2122	17.2500	0.0266		0.0373	0.0373		0.0373	0.0373						2,535.3530
Total	0.2797	1.2122	17.2500	0.0266	0.0000	0.0373	0.0373	0.0000	0.0373	0.0373						2,535.3530

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						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

3.4 Phase 1a Grading - 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					17.2234	0.0000	17.2234	7.1974	0.0000	7.1974						0.0000
Off-Road	6.8853	68.5372	53.5718	0.1345		2.7358	2.7358		2.5268	2.5268						13,025.2802
Total	6.8853	68.5372	53.5718	0.1345	17.2234	2.7358	19.9591	7.1974	2.5268	9.7242						13,025.2802

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						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

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					6.7171	0.0000	6.7171	2.8070	0.0000	2.8070							0.0000
Off-Road	2.1115	9.9782	70.8654	0.1345		0.3199	0.3199		0.3199	0.3199							13,026.7133
Total	2.1115	9.9782	70.8654	0.1345	6.7171	0.3199	7.0370	2.8070	0.3199	3.1269							13,026.7133

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							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

3.5 Phase 1a Mat Foundation - 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	2.8071	23.7210	21.0656	0.0459		1.0351	1.0351		0.9924	0.9924							4,393.9594
Total	2.8071	23.7210	21.0656	0.0459		1.0351	1.0351		0.9924	0.9924							4,393.9594

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					

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.5581	2.5293	24.6044	0.0459		0.0807	0.0807		0.0807	0.0807							4,393.9594
Total	0.5581	2.5293	24.6044	0.0459		0.0807	0.0807		0.0807	0.0807							4,393.9594

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							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

3.6 Phase 1a Garage to Podium Structure - 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	2.7169	20.0488	23.6816	0.0419		0.9154	0.9154		0.8915	0.8915							3,828.6514
Total	2.7169	20.0488	23.6816	0.0419		0.9154	0.9154		0.8915	0.8915							3,828.6514

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					

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1741	6.4893	24.9004	0.0419		0.2276	0.2276		0.2276	0.2276							3,828.6514
Total	1.1741	6.4893	24.9004	0.0419		0.2276	0.2276		0.2276	0.2276							3,828.6514

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							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

3.6 Phase 1a Garage to Podium Structure - 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	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803							3,828.4803
Total	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803							3,828.4803

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					

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145							3,828.4803
Total	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145							3,828.4803

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							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

3.7 Phase 1b Structure - 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	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803							3,828.4803
Total	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803							3,828.4803

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					

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145							3,828.4803
Total	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145							3,828.4803

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							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

3.7 Phase 1b Structure - 2026

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	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803							3,828.4803
Total	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803							3,828.4803

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					

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145							3,828.4803
Total	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145							3,828.4803

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							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

3.8 Phase 1a Garage to Podium Interior Build - 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	1.6782	14.1739	19.4515	0.0336		0.5904	0.5904		0.5663	0.5663							3,219.3115
Total	1.6782	14.1739	19.4515	0.0336		0.5904	0.5904		0.5663	0.5663							3,219.3115

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					

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4794	3.6798	20.5220	0.0336		0.0877	0.0877		0.0849	0.0849							3,219.3115
Total	0.4794	3.6798	20.5220	0.0336		0.0877	0.0877		0.0849	0.0849							3,219.3115

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							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

3.9 Phase 2 Structure - 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	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803							3,828.4803
Total	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803							3,828.4803

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					

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Hauling	0.0000	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						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						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						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						
Off-Road	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145							3,828.4803
Total	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145							3,828.4803

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							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

3.9 Phase 2 Structure - 2026

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	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803							3,828.4803
Total	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803							3,828.4803

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					

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Hauling	0.0000	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						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						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						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						
Off-Road	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145							3,828.4803
Total	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145							3,828.4803

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							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

3.10 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	12.0937					0.0000	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							0.0000
Total	12.0937	0.0000	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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Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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					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					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					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					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	12.0937					0.0000	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							0.0000
Total	12.0937	0.0000	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						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

3.10 Architectural Coating - 2026

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	12.0937					0.0000	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						0.0000
Total	12.0937	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						0.0000

Unmitigated Construction Off-Site

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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						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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	12.0937					0.0000	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						0.0000
Total	12.0937	0.0000	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						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

3.11 Phase 3 Demo - 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					
Fugitive Dust					1.0501	0.0000	1.0501	0.1590	0.0000	0.1590						0.0000
Off-Road	2.3035	18.8650	27.3197	0.0473		0.8763	0.8763		0.8331	0.8331						4,542.5811
Total	2.3035	18.8650	27.3197	0.0473	1.0501	0.8763	1.9264	0.1590	0.8331	0.9921						4,542.5811

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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						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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.4096	0.0000	0.4096	0.0620	0.0000	0.0620						0.0000
Off-Road	0.6176	3.3223	30.6388	0.0473		0.1048	0.1048		0.1029	0.1029						4,542.5811
Total	0.6176	3.3223	30.6388	0.0473	0.4096	0.1048	0.5144	0.0620	0.1029	0.1649						4,542.5811

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						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

3.12 Phase 3 Grading - 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					
Fugitive Dust					7.1087	0.0000	7.1087	3.4287	0.0000	3.4287						0.0000
Off-Road	2.6490	23.9187	24.8332	0.0633		0.9579	0.9579		0.8856	0.8856						6,113.0567

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Total	2.6490	23.9187	24.8332	0.0633	7.1087	0.9579	8.0665	3.4287	0.8856	4.3143							6,113.0567
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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							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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.7724	0.0000	2.7724	1.3372	0.0000	1.3372							0.0000
Off-Road	1.0155	4.9011	35.0641	0.0633		0.1533	0.1533		0.1533	0.1533							6,113.0567
Total	1.0155	4.9011	35.0641	0.0633	2.7724	0.1533	2.9257	1.3372	0.1533	1.4905							6,113.0567

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							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

3.12 Phase 3 Grading - 2026

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					

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Fugitive Dust					7.1087	0.0000	7.1087	3.4287	0.0000	3.4287							0.0000
Off-Road	2.6490	23.9187	24.8332	0.0633		0.9579	0.9579		0.8856	0.8856							6,113.0567
Total	2.6490	23.9187	24.8332	0.0633	7.1087	0.9579	8.0665	3.4287	0.8856	4.3143							6,113.0567

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							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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.7724	0.0000	2.7724	1.3372	0.0000	1.3372							0.0000
Off-Road	1.0155	4.9011	35.0641	0.0633		0.1533	0.1533		0.1533	0.1533							6,113.0567
Total	1.0155	4.9011	35.0641	0.0633	2.7724	0.1533	2.9257	1.3372	0.1533	1.4905							6,113.0567

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							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

3.13 Phase 3 Site Prep - 2025

Unmitigated Construction On-Site

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0129	0.0000	0.0129	1.9500e-003	0.0000	1.9500e-003							0.0000
Off-Road	0.6948	5.8418	8.7271	0.0176		0.2651	0.2651		0.2439	0.2439							1,718.3670
Total	0.6948	5.8418	8.7271	0.0176	0.0129	0.2651	0.2780	1.9500e-003	0.2439	0.2459							1,718.3670

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							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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					5.0100e-003	0.0000	5.0100e-003	7.6000e-004	0.0000	7.6000e-004							0.0000
Off-Road	0.2173	0.9417	11.4678	0.0176		0.0290	0.0290		0.0290	0.0290							1,718.3670
Total	0.2173	0.9417	11.4678	0.0176	5.0100e-003	0.0290	0.0340	7.6000e-004	0.0290	0.0297							1,718.3670

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							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

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Worker	0.0000	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						0.0000

3.17 Landscape/Hardscape - 2027

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	1.4797	13.3417	17.6189	0.0271		0.6642	0.6642		0.6216	0.6216							2,573.3702
Paving	0.0000					0.0000	0.0000		0.0000	0.0000							0.0000
Total	1.4797	13.3417	17.6189	0.0271		0.6642	0.6642		0.6216	0.6216							2,573.3702

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						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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4848	2.9378	18.8043	0.0271		0.0980	0.0980		0.0961	0.0961						2,573.3702
Paving	0.0000					0.0000	0.0000		0.0000	0.0000						0.0000
Total	0.4848	2.9378	18.8043	0.0271		0.0980	0.0980		0.0961	0.0961						2,573.3702

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					

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

3.18 Phase 3 Interior Build - 2026

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	1.6782	14.1739	19.4515	0.0336		0.5904	0.5904		0.5663	0.5663							3,219.3115
Total	1.6782	14.1739	19.4515	0.0336		0.5904	0.5904		0.5663	0.5663							3,219.3115

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							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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4794	3.6798	20.5220	0.0336		0.0877	0.0877		0.0849	0.0849							3,219.3115
Total	0.4794	3.6798	20.5220	0.0336		0.0877	0.0877		0.0849	0.0849							3,219.3115

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					

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

3.18 Phase 3 Interior Build - 2027

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	1.6782	14.1739	19.4515	0.0336		0.5904	0.5904		0.5663	0.5663							3,219.3115
Total	1.6782	14.1739	19.4515	0.0336		0.5904	0.5904		0.5663	0.5663							3,219.3115

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							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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4794	3.6798	20.5220	0.0336		0.0877	0.0877		0.0849	0.0849							3,219.3115
Total	0.4794	3.6798	20.5220	0.0336		0.0877	0.0877		0.0849	0.0849							3,219.3115

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					

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Sportsman Lodge Construction Localized
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	1,390.00	Space	0.00	556,000.00	0
High Turnover (Sit Down Restaurant)	18.02	1000sqft	0.00	18,020.00	0
Apartments Mid Rise	520.00	Dwelling Unit	5.80	545,021.00	1241
Strip Mall	27.93	1000sqft	0.00	27,930.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	12	Operational Year		2027	
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWahr)	539	CH4 Intensity (lb/MWahr)	0.049	N2O Intensity (lb/MWahr)	0.007

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Updated default CalEEMod LADWP Intensity Factor of 690.4 (2020) to 539 to account for Buildout Year RPS reduction.

Land Use - Project specific square footage and population consistent with LADOT VMT Calculator

Construction Phase - Site Specific Construction Schedule

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Equipment for a concrete pour day

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Trips and VMT - Site Specific Trips/Trip Lengths to Export Location

On-road Fugitive Dust -

Demolition -

Grading -

Architectural Coating - Site Specific

Vehicle Trips - LADOT VMT Calculator Trips/VMT

Road Dust - default

Consumer Products - default

Energy Use - Consistency with Section 120.6(c) requirements. See calculations in AQ Appendix.

Construction Off-road Equipment Mitigation - Tier 4 Final Mitigation Measure

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblGrading	MaterialExported	0.00	5,000.00
tblLandUse	LandUseSquareFeet	520,000.00	545,021.00
tblLandUse	LotAcreage	12.51	0.00
tblLandUse	LotAcreage	0.41	0.00
tblLandUse	LotAcreage	13.68	5.80
tblLandUse	LotAcreage	0.64	0.00
tblLandUse	Population	1,487.00	1,241.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	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	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	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	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	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	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
tblOffRoadEquipment	UsageHours	7.00	8.00
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	CH4IntensityFactor	0.033	0.049
tblProjectCharacteristics	CO2IntensityFactor	691.98	539
tblProjectCharacteristics	N2OIntensityFactor	0.004	0.007
tblTripsAndVMT	HaulingTripNumber	900.00	0.00
tblTripsAndVMT	HaulingTripNumber	204.00	0.00
tblTripsAndVMT	HaulingTripNumber	1,989.00	0.00
tblTripsAndVMT	HaulingTripNumber	625.00	0.00
tblTripsAndVMT	HaulingTripNumber	51,279.00	0.00
tblTripsAndVMT	VendorTripLength	6.90	20.00
tblTripsAndVMT	VendorTripLength	6.90	20.00
tblTripsAndVMT	VendorTripLength	6.90	20.00
tblTripsAndVMT	VendorTripLength	6.90	100.00
tblTripsAndVMT	VendorTripLength	6.90	20.00
tblTripsAndVMT	VendorTripNumber	154.00	0.00
tblTripsAndVMT	VendorTripNumber	154.00	0.00
tblTripsAndVMT	VendorTripNumber	154.00	0.00
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	154.00	60.00
tblTripsAndVMT	VendorTripNumber	154.00	0.00
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tblTripsAndVMT	VendorTripNumber	154.00	0.00
tblTripsAndVMT	VendorTripNumber	154.00	0.00
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tblTripsAndVMT	VendorTripNumber	154.00	0.00
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	WorkerTripNumber	43.00	0.00
tblTripsAndVMT	WorkerTripNumber	28.00	0.00
tblTripsAndVMT	WorkerTripNumber	28.00	0.00
tblTripsAndVMT	WorkerTripNumber	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	624.00	0.00
tblTripsAndVMT	WorkerTripNumber	624.00	0.00
tblTripsAndVMT	WorkerTripNumber	624.00	0.00

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase 0 Demolition	Demolition	7/25/2023	9/26/2023	5	46	
2	Phase 0B Utility Relocation, and Temp. Parking	Site Preparation	9/27/2023	11/7/2023	5	30	
3	Phase 1a Grading	Grading	11/8/2023	4/15/2024	5	114	
4	Phase 1a Mat Foundation	Building Construction	3/1/2024	6/3/2024	5	67	
5	Phase 1a Mat Foundation Pour Days	Building Construction	6/4/2024	6/11/2024	5	6	
6	Phase 1a Garage to Podium Structure	Building Construction	6/12/2024	4/8/2025	5	215	
7	Phase 1b Structure	Building Construction	2/7/2025	4/9/2026	5	305	
8	Phase 1a Garage to Podium Interior Build	Building Construction	2/21/2025	7/24/2025	5	110	
9	Phase 2 Structure	Building Construction	7/7/2025	6/24/2026	5	253	
10	Phase 3 Demo	Demolition	9/5/2025	11/3/2025	5	42	
11	Phase 3 Grading	Grading	11/4/2025	2/6/2026	5	69	
12	Phase 3 Site Prep	Site Preparation	11/25/2025	1/23/2026	5	44	
13	Phase 1b Interior Build	Building Construction	2/5/2026	8/18/2026	5	139	
14	Phase 3 Structure	Building Construction	2/9/2026	12/21/2026	5	226	
15	Phase 2 Interior Build	Building Construction	4/14/2026	10/28/2026	5	142	
16	Architectural Coating	Architectural Coating	7/24/2025	10/28/2026	5	330	
17	Landscape/Hardscape	Paving	11/3/2026	1/4/2027	5	45	
18	Phase 3 Interior Build	Building Construction	11/5/2026	2/11/2027	5	71	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 513

Acres of Paving: 0

Residential Indoor: 1,103,668; Residential Outdoor: 367,889; Non-Residential Indoor: 68,925; Non-Residential Outdoor: 22,975; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase 0 Demolition	Air Compressors	5	8.00	78	0.48
Phase 0 Demolition	Concrete/Industrial Saws	2	8.00	81	0.73
Phase 0 Demolition	Excavators	3	8.00	158	0.38
Phase 0 Demolition	Other Construction Equipment	1	8.00	172	0.42
Phase 0 Demolition	Paving Equipment	2	8.00	132	0.36
Phase 0 Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Phase 0 Demolition	Signal Boards	1	8.00	6	0.82
Phase 0 Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 0 Demolition	Trenchers	1	8.00	78	0.50
Phase 0B Utility Relocation, and Temp Parking	Air Compressors	2	8.00	78	0.48
Phase 0B Utility Relocation, and Temp Parking	Concrete/Industrial Saws	2	8.00	81	0.73
Phase 0B Utility Relocation, and Temp Parking	Forklifts	4	8.00	89	0.20
Phase 0B Utility Relocation, and Temp Parking	Rubber Tired Dozers	0	8.00	247	0.40
Phase 0B Utility Relocation, and Temp Parking	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Phase 1a Grading	Bore/Drill Rigs	2	8.00	221	0.50
Phase 1a Grading	Excavators	4	8.00	158	0.38
Phase 1a Grading	Graders	3	8.00	187	0.41
Phase 1a Grading	Other Construction Equipment	1	8.00	172	0.42
Phase 1a Grading	Rubber Tired Dozers	2	8.00	247	0.40
Phase 1a Grading	Rubber Tired Loaders	2	8.00	203	0.36
Phase 1a Grading	Scrapers	2	8.00	367	0.48
Phase 1a Grading	Signal Boards	1	8.00	6	0.82
Phase 1a Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Phase 1a Grading	Welders	2	8.00	46	0.45
Phase 1a Mat Foundation	Air Compressors	6	8.00	78	0.48
Phase 1a Mat Foundation	Cranes	0	7.00	231	0.29
Phase 1a Mat Foundation	Excavators	0	8.00	158	0.38
Phase 1a Mat Foundation	Forklifts	0	8.00	89	0.20
Phase 1a Mat Foundation	Generator Sets	0	8.00	84	0.74
Phase 1a Mat Foundation	Graders	1	8.00	187	0.41
Phase 1a Mat Foundation	Rubber Tired Dozers	1	8.00	247	0.40
Phase 1a Mat Foundation	Rubber Tired Loaders	1	8.00	203	0.36
Phase 1a Mat Foundation	Signal Boards	1	8.00	6	0.82
Phase 1a Mat Foundation	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 1a Mat Foundation	Welders	0	8.00	46	0.45
Phase 1a Mat Foundation Pour Days	Cranes	0	7.00	231	0.29
Phase 1a Mat Foundation Pour Days	Forklifts	0	8.00	89	0.20
Phase 1a Mat Foundation Pour Days	Generator Sets	0	8.00	84	0.74
Phase 1a Mat Foundation Pour Days	Plate Compactors	6	12.00	8	0.43
Phase 1a Mat Foundation Pour Days	Pumps	6	12.00	84	0.74
Phase 1a Mat Foundation Pour Days	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 1a Mat Foundation Pour Days	Welders	0	8.00	46	0.45
Phase 1a Garage to Podium Structure	Air Compressors	4	8.00	78	0.48
Phase 1a Garage to Podium Structure	Cement and Mortar Mixers	3	8.00	9	0.56
Phase 1a Garage to Podium Structure	Concrete/Industrial Saws	1	8.00	81	0.73
Phase 1a Garage to Podium Structure	Cranes	1	8.00	231	0.29
Phase 1a Garage to Podium Structure	Forklifts	3	8.00	89	0.20
Phase 1a Garage to Podium Structure	Generator Sets	0	8.00	84	0.74
Phase 1a Garage to Podium Structure	Plate Compactors	3	8.00	8	0.43
Phase 1a Garage to Podium Structure	Signal Boards	1	8.00	6	0.82
Phase 1a Garage to Podium Structure	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 1a Garage to Podium Structure	Welders	2	8.00	46	0.45
Phase 1b Structure	Air Compressors	4	8.00	78	0.48
Phase 1b Structure	Cement and Mortar Mixers	3	8.00	9	0.56
Phase 1b Structure	Concrete/Industrial Saws	1	8.00	81	0.73
Phase 1b Structure	Cranes	1	8.00	231	0.29
Phase 1b Structure	Forklifts	3	8.00	89	0.20
Phase 1b Structure	Generator Sets	0	8.00	84	0.74
Phase 1b Structure	Plate Compactors	3	8.00	8	0.43
Phase 1b Structure	Signal Boards	1	8.00	6	0.82
Phase 1b Structure	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 1b Structure	Welders	2	8.00	46	0.45
Phase 1a Garage to Podium Interior Build	Aerial Lifts	4	8.00	63	0.31
Phase 1a Garage to Podium Interior Build	Air Compressors	4	8.00	78	0.48
Phase 1a Garage to Podium Interior Build	Cranes	1	8.00	231	0.29
Phase 1a Garage to Podium Interior Build	Forklifts	3	8.00	89	0.20
Phase 1a Garage to Podium Interior Build	Generator Sets	0	8.00	84	0.74
Phase 1a Garage to Podium Interior Build	Signal Boards	1	8.00	6	0.82
Phase 1a Garage to Podium Interior Build	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 1a Garage to Podium Interior Build	Welders	0	8.00	46	0.45
Phase 2 Structure	Air Compressors	4	8.00	78	0.48
Phase 2 Structure	Cement and Mortar Mixers	3	8.00	9	0.56
Phase 2 Structure	Concrete/Industrial Saws	1	8.00	81	0.73
Phase 2 Structure	Cranes	1	8.00	231	0.29
Phase 2 Structure	Forklifts	3	8.00	89	0.20
Phase 2 Structure	Generator Sets	0	8.00	84	0.74

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Phase 2 Structure	Plate Compactors	3	8.00	8	0.43
Phase 2 Structure	Signal Boards	1	8.00	6	0.82
Phase 2 Structure	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 2 Structure	Welders	2	8.00	46	0.45
Phase 3 Demo	Air Compressors	2	8.00	78	0.48
Phase 3 Demo	Concrete/Industrial Saws	2	8.00	81	0.73
Phase 3 Demo	Excavators	1	8.00	158	0.38
Phase 3 Demo	Other Construction Equipment	1	8.00	172	0.42
Phase 3 Demo	Rubber Tired Dozers	0	8.00	247	0.40
Phase 3 Demo	Rubber Tired Loaders	1	8.00	203	0.36
Phase 3 Demo	Signal Boards	1	8.00	6	0.82
Phase 3 Demo	Skid Steer Loaders	1	8.00	65	0.37
Phase 3 Demo	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 3 Demo	Trenchers	1	8.00	78	0.50
Phase 3 Grading	Bore/Drill Rigs	2	8.00	221	0.50
Phase 3 Grading	Excavators	2	8.00	158	0.38
Phase 3 Grading	Graders	1	8.00	187	0.41
Phase 3 Grading	Other Construction Equipment	1	8.00	172	0.42
Phase 3 Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase 3 Grading	Rubber Tired Loaders	1	8.00	203	0.36
Phase 3 Grading	Signal Boards	1	8.00	6	0.82
Phase 3 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 3 Grading	Welders	1	8.00	46	0.45
Phase 3 Site Prep	Excavators	1	8.00	158	0.38
Phase 3 Site Prep	Other Construction Equipment	1	8.00	172	0.42
Phase 3 Site Prep	Rubber Tired Dozers	0	8.00	247	0.40
Phase 3 Site Prep	Rubber Tired Loaders	1	8.00	203	0.36
Phase 3 Site Prep	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Phase 1b Interior Build	Aerial Lifts	4	8.00	63	0.31
Phase 1b Interior Build	Air Compressors	4	8.00	78	0.48
Phase 1b Interior Build	Cranes	1	8.00	231	0.29
Phase 1b Interior Build	Forklifts	3	8.00	89	0.20
Phase 1b Interior Build	Generator Sets	0	8.00	84	0.74
Phase 1b Interior Build	Signal Boards	1	8.00	6	0.82
Phase 1b Interior Build	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 1b Interior Build	Welders	0	8.00	46	0.45
Phase 3 Structure	Air Compressors	4	8.00	78	0.48
Phase 3 Structure	Cement and Mortar Mixers	3	8.00	9	0.56
Phase 3 Structure	Concrete/Industrial Saws	1	8.00	81	0.73
Phase 3 Structure	Cranes	1	8.00	231	0.29
Phase 3 Structure	Forklifts	3	8.00	89	0.20
Phase 3 Structure	Generator Sets	0	8.00	84	0.74
Phase 3 Structure	Plate Compactors	3	8.00	8	0.43
Phase 3 Structure	Signal Boards	1	8.00	6	0.82
Phase 3 Structure	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 3 Structure	Welders	0	8.00	46	0.45
Phase 3 Structure	Welders	2	8.00	46	0.45
Phase 2 Interior Build	Aerial Lifts	4	8.00	63	0.31
Phase 2 Interior Build	Air Compressors	4	8.00	78	0.48
Phase 2 Interior Build	Cranes	1	8.00	231	0.29
Phase 2 Interior Build	Forklifts	3	8.00	89	0.20
Phase 2 Interior Build	Generator Sets	0	8.00	84	0.74
Phase 2 Interior Build	Signal Boards	1	8.00	6	0.82

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Phase 2 Interior Build	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 2 Interior Build	Welders	0	8.00	46	0.45
Architectural Coating	Air Compressors	0	6.00	78	0.48
Landscape/Hardscape	Cement and Mortar Mixers	1	8.00	9	0.56
Landscape/Hardscape	Concrete/Industrial Saws	1	8.00	81	0.73
Landscape/Hardscape	Forklifts	1	8.00	89	0.20
Landscape/Hardscape	Other Construction Equipment	1	8.00	172	0.42
Landscape/Hardscape	Pavers	0	8.00	130	0.42
Landscape/Hardscape	Paving Equipment	0	8.00	132	0.36
Landscape/Hardscape	Plate Compactors	1	8.00	8	0.43
Landscape/Hardscape	Rollers	1	8.00	80	0.38
Landscape/Hardscape	Signal Boards	1	8.00	6	0.82
Landscape/Hardscape	Skid Steer Loaders	1	8.00	65	0.37
Landscape/Hardscape	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Landscape/Hardscape	Trenchers	1	8.00	78	0.50
Phase 3 Interior Build	Aerial Lifts	4	8.00	63	0.31
Phase 3 Interior Build	Air Compressors	4	8.00	78	0.48
Phase 3 Interior Build	Cranes	1	8.00	231	0.29
Phase 3 Interior Build	Forklifts	3	8.00	89	0.20
Phase 3 Interior Build	Generator Sets	0	8.00	84	0.74
Phase 3 Interior Build	Signal Boards	1	8.00	6	0.82
Phase 3 Interior Build	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 3 Interior Build	Welders	0	8.00	46	0.45

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
Phase 0 Demolition	17	0.00	0.00	0.00	14.70	20.00	20.00	LD_Mix	HHDT	HHDT
Phase 0B Utility Relocation and Temporary	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 1a Grading	20	0.00	0.00	0.00	14.70	20.00	20.00	LD_Mix	HHDT	HHDT
Phase 1a Mat Foundation	10	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 1a Mat Foundation Pour Days	12	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Phase 1a Garage to Radium Structure	18	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 1b Structure	18	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 1a Garage to Radium Interior Build	13	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 2 Structure	18	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 3 Demo	11	0.00	0.00	0.00	14.70	20.00	20.00	LD_Mix	HHDT	HHDT
Phase 3 Grading	11	0.00	0.00	0.00	14.70	20.00	20.00	LD_Mix	HHDT	HHDT
Phase 3 Site Prep	3	0.00	0.00	0.00	14.70	100.00	20.00	LD_Mix	HHDT	HHDT
Phase 1b Interior Build	13	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 3 Structure	18	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 2 Interior Build	13	0.00	0.00	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
Landscape/Hardscape	10	40.00	20.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 3 Interior Build	13	100.00	60.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Phase 0 Demolition - 2023

Unmitigated Construction On-Site

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Phase 0B Utility Relocation, and Temp Parking - 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						0.0000
Off-Road	1.5887	12.4818	16.7235	0.0266		0.6826	0.6826		0.6636	0.6636						2,535.3530
Total	1.5887	12.4818	16.7235	0.0266	0.0000	0.6826	0.6826	0.0000	0.6636	0.6636						2,535.3530

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						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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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						0.0000
Off-Road	0.2797	1.2122	17.2500	0.0266		0.0373	0.0373		0.0373	0.0373						2,535.3530
Total	0.2797	1.2122	17.2500	0.0266	0.0000	0.0373	0.0373	0.0000	0.0373	0.0373						2,535.3530

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						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

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

3.4 Phase 1a Grading - 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						
Fugitive Dust					17.2234	0.0000	17.2234	7.1974	0.0000	7.1974							0.0000
Off-Road	6.6289	63.9628	53.1713	0.1345		2.5535	2.5535		2.3579	2.3579							13,026.7134
Total	6.6289	63.9628	53.1713	0.1345	17.2234	2.5535	19.7768	7.1974	2.3579	9.5553							13,026.7134

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							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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					6.7171	0.0000	6.7171	2.8070	0.0000	2.8070							0.0000
Off-Road	2.1115	9.9782	70.8654	0.1345		0.3199	0.3199		0.3199	0.3199							13,026.7133
Total	2.1115	9.9782	70.8654	0.1345	6.7171	0.3199	7.0370	2.8070	0.3199	3.1269							13,026.7133

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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Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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					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					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					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					0.0000

3.5 Phase 1a Mat Foundation - 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	2.8071	23.7210	21.0656	0.0459		1.0351	1.0351		0.9924	0.9924							4,393.9594
Total	2.8071	23.7210	21.0656	0.0459		1.0351	1.0351		0.9924	0.9924							4,393.9594

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						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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.5581	2.5293	24.6044	0.0459		0.0807	0.0807		0.0807	0.0807							4,393.9594
Total	0.5581	2.5293	24.6044	0.0459		0.0807	0.0807		0.0807	0.0807							4,393.9594

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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Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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					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					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					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					0.0000

3.6 Phase 1a Mat Foundation Pour Days - 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	3.1138	25.4685	35.3724	0.0636		1.1437	1.1437		1.1437	1.1437							5,924.5978
Total	3.1138	25.4685	35.3724	0.0636		1.1437	1.1437		1.1437	1.1437							5,924.5978

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							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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.9529	4.8271	38.4015	0.0636		0.1669	0.1669		0.1669	0.1669							5,924.5978
Total	0.9529	4.8271	38.4015	0.0636		0.1669	0.1669		0.1669	0.1669							5,924.5978

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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Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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					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					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					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					0.0000

3.7 Phase 1a Garage to Podium Structure - 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	2.7169	20.0488	23.6816	0.0419		0.9154	0.9154		0.8915	0.8915							3,828.6514
Total	2.7169	20.0488	23.6816	0.0419		0.9154	0.9154		0.8915	0.8915							3,828.6514

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							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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1741	6.4893	24.9004	0.0419		0.2276	0.2276		0.2276	0.2276							3,828.6514
Total	1.1741	6.4893	24.9004	0.0419		0.2276	0.2276		0.2276	0.2276							3,828.6514

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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Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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					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					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					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					0.0000

3.7 Phase 1a Garage to Podium Structure - 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	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803							3,828.4803
Total	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803							3,828.4803

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						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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145							3,828.4803
Total	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145							3,828.4803

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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Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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					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					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					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					0.0000

3.8 Phase 1b Structure - 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	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803							3,828.4803
Total	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803							3,828.4803

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							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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145							3,828.4803
Total	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145							3,828.4803

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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Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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					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					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					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					0.0000

3.8 Phase 1b Structure - 2026

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	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803							3,828.4803
Total	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803							3,828.4803

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							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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145							3,828.4803
Total	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145							3,828.4803

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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Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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					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					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					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					0.0000

3.9 Phase 1a Garage to Podium Interior Build - 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	1.6782	14.1739	19.4515	0.0336		0.5904	0.5904		0.5663	0.5663							3,219.3115
Total	1.6782	14.1739	19.4515	0.0336		0.5904	0.5904		0.5663	0.5663							3,219.3115

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						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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4794	3.6798	20.5220	0.0336		0.0877	0.0877		0.0849	0.0849						3,219.3115
Total	0.4794	3.6798	20.5220	0.0336		0.0877	0.0877		0.0849	0.0849						3,219.3115

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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Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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						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

3.10 Phase 2 Structure - 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	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803							3,828.4803
Total	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803							3,828.4803

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							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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145							3,828.4803
Total	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145							3,828.4803

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					

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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					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					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					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					0.0000

3.10 Phase 2 Structure - 2026

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	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803							3,828.4803
Total	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803							3,828.4803

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						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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145							3,828.4803
Total	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145							3,828.4803

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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Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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						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

3.11 Phase 3 Demo - 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						
Fugitive Dust					1.0501	0.0000	1.0501	0.1590	0.0000	0.1590							0.0000
Off-Road	2.3035	18.8650	27.3197	0.0473		0.8763	0.8763		0.8331	0.8331							4,542.5811
Total	2.3035	18.8650	27.3197	0.0473	1.0501	0.8763	1.9264	0.1590	0.8331	0.9921							4,542.5811

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							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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.4096	0.0000	0.4096	0.0620	0.0000	0.0620							0.0000
Off-Road	0.6176	3.3223	30.6388	0.0473		0.1048	0.1048		0.1029	0.1029							4,542.5811
Total	0.6176	3.3223	30.6388	0.0473	0.4096	0.1048	0.5144	0.0620	0.1029	0.1649							4,542.5811

Mitigated Construction Off-Site

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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						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

3.12 Phase 3 Grading - 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					
Fugitive Dust					7.1087	0.0000	7.1087	3.4287	0.0000	3.4287						0.0000
Off-Road	2.6490	23.9187	24.8332	0.0633		0.9579	0.9579		0.8856	0.8856						6,113.0567
Total	2.6490	23.9187	24.8332	0.0633	7.1087	0.9579	8.0665	3.4287	0.8856	4.3143						6,113.0567

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						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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.7724	0.0000	2.7724	1.3372	0.0000	1.3372						0.0000
Off-Road	1.0155	4.9011	35.0641	0.0633		0.1533	0.1533		0.1533	0.1533						6,113.0567
Total	1.0155	4.9011	35.0641	0.0633	2.7724	0.1533	2.9257	1.3372	0.1533	1.4905						6,113.0567

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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						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

3.12 Phase 3 Grading - 2026

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					7.1087	0.0000	7.1087	3.4287	0.0000	3.4287						0.0000
Off-Road	2.6490	23.9187	24.8332	0.0633		0.9579	0.9579		0.8856	0.8856						6,113.0567
Total	2.6490	23.9187	24.8332	0.0633	7.1087	0.9579	8.0665	3.4287	0.8856	4.3143						6,113.0567

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						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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.7724	0.0000	2.7724	1.3372	0.0000	1.3372						0.0000
Off-Road	1.0155	4.9011	35.0641	0.0633		0.1533	0.1533		0.1533	0.1533						6,113.0567

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Total	1.0155	4.9011	35.0641	0.0633	2.7724	0.1533	2.9257	1.3372	0.1533	1.4905							6,113.0567
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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							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

3.13 Phase 3 Site Prep - 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						
Fugitive Dust					0.0129	0.0000	0.0129	1.9500e-003	0.0000	1.9500e-003							0.0000
Off-Road	0.6948	5.8418	8.7271	0.0176		0.2651	0.2651		0.2439	0.2439							1,718.3670
Total	0.6948	5.8418	8.7271	0.0176	0.0129	0.2651	0.2780	1.9500e-003	0.2439	0.2459							1,718.3670

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							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

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

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Fugitive Dust					5.0100e-003	0.0000	5.0100e-003	7.6000e-004	0.0000	7.6000e-004							0.0000
Off-Road	0.2173	0.9417	11.4678	0.0176		0.0290	0.0290		0.0290	0.0290							1,718.3670
Total	0.2173	0.9417	11.4678	0.0176	5.0100e-003	0.0290	0.0340	7.6000e-004	0.0290	0.0297							1,718.3670

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							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

3.13 Phase 3 Site Prep - 2026

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					0.0129	0.0000	0.0129	1.9500e-003	0.0000	1.9500e-003							0.0000
Off-Road	0.6948	5.8418	8.7271	0.0176		0.2651	0.2651		0.2439	0.2439							1,718.3670
Total	0.6948	5.8418	8.7271	0.0176	0.0129	0.2651	0.2780	1.9500e-003	0.2439	0.2459							1,718.3670

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							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

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					5.0100e-003	0.0000	5.0100e-003	7.6000e-004	0.0000	7.6000e-004							0.0000
Off-Road	0.2173	0.9417	11.4678	0.0176		0.0290	0.0290		0.0290	0.0290							1,718.3670
Total	0.2173	0.9417	11.4678	0.0176	5.0100e-003	0.0290	0.0340	7.6000e-004	0.0290	0.0297							1,718.3670

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							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

3.14 Phase 1b Interior Build - 2026

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	1.6782	14.1739	19.4515	0.0336		0.5904	0.5904		0.5663	0.5663							3,219.3115
Total	1.6782	14.1739	19.4515	0.0336		0.5904	0.5904		0.5663	0.5663							3,219.3115

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							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

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4794	3.6798	20.5220	0.0336		0.0877	0.0877		0.0849	0.0849							3,219.3115
Total	0.4794	3.6798	20.5220	0.0336		0.0877	0.0877		0.0849	0.0849							3,219.3115

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							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

3.15 Phase 3 Structure - 2026

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	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803							3,828.4803
Total	2.5734	18.9042	23.5921	0.0419		0.8016	0.8016		0.7803	0.7803							3,828.4803

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							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

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145							3,828.4803
Total	1.1420	6.4119	24.8763	0.0419		0.2145	0.2145		0.2145	0.2145							3,828.4803

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							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

3.16 Phase 2 Interior Build - 2026

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	1.6782	14.1739	19.4515	0.0336		0.5904	0.5904		0.5663	0.5663							3,219.3115
Total	1.6782	14.1739	19.4515	0.0336		0.5904	0.5904		0.5663	0.5663							3,219.3115

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							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

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Worker	0.1140	0.0718	1.0882	3.4100e-003	0.4471	2.3400e-003	0.4495	0.1186	2.1600e-003	0.1207							361.0349
Total	0.1343	0.8676	1.3788	6.9400e-003	0.5752	6.2500e-003	0.5815	0.1555	5.9000e-003	0.1614							758.6786

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	0.4848	2.9378	18.8043	0.0271		0.0980	0.0980		0.0961	0.0961							2,573.3702
Paving	0.0000					0.0000	0.0000		0.0000	0.0000							0.0000
Total	0.4848	2.9378	18.8043	0.0271		0.0980	0.0980		0.0961	0.0961							2,573.3702

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							0.0000
Vendor	0.0203	0.7958	0.2907	3.5300e-003	0.1281	3.9100e-003	0.1320	0.0369	3.7400e-003	0.0406							397.6438
Worker	0.1140	0.0718	1.0882	3.4100e-003	0.4471	2.3400e-003	0.4495	0.1186	2.1600e-003	0.1207							361.0349
Total	0.1343	0.8676	1.3788	6.9400e-003	0.5752	6.2500e-003	0.5815	0.1555	5.9000e-003	0.1614							758.6786

3.18 Landscape/Hardscape - 2027

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	1.4797	13.3417	17.6189	0.0271		0.6642	0.6642		0.6216	0.6216							2,573.3702
Paving	0.0000					0.0000	0.0000		0.0000	0.0000							0.0000
Total	1.4797	13.3417	17.6189	0.0271		0.6642	0.6642		0.6216	0.6216							2,573.3702

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					

Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000							0.0000
Vendor	0.0198	0.7900	0.2873	3.4600e-003	0.1281	3.8900e-003	0.1320	0.0369	3.7200e-003	0.0406							389.8481
Worker	0.1078	0.0656	1.0292	3.3200e-003	0.4471	2.2000e-003	0.4493	0.1186	2.0300e-003	0.1206							353.6499
Total	0.1276	0.8557	1.3165	6.7800e-003	0.5752	6.0900e-003	0.5813	0.1555	5.7500e-003	0.1612							743.4981

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	0.4848	2.9378	18.8043	0.0271		0.0980	0.0980		0.0961	0.0961							2,573.3702
Paving	0.0000					0.0000	0.0000		0.0000	0.0000							0.0000
Total	0.4848	2.9378	18.8043	0.0271		0.0980	0.0980		0.0961	0.0961							2,573.3702

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							0.0000
Vendor	0.0198	0.7900	0.2873	3.4600e-003	0.1281	3.8900e-003	0.1320	0.0369	3.7200e-003	0.0406							389.8481
Worker	0.1078	0.0656	1.0292	3.3200e-003	0.4471	2.2000e-003	0.4493	0.1186	2.0300e-003	0.1206							353.6499
Total	0.1276	0.8557	1.3165	6.7800e-003	0.5752	6.0900e-003	0.5813	0.1555	5.7500e-003	0.1612							743.4981

3.19 Phase 3 Interior Build - 2026

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	1.6782	14.1739	19.4515	0.0336		0.5904	0.5904		0.5663	0.5663							3,219.3115
Total	1.6782	14.1739	19.4515	0.0336		0.5904	0.5904		0.5663	0.5663							3,219.3115

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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Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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					0.0000
Vendor	0.0608	2.3875	0.8721	0.0106	0.3843	0.0117	0.3961	0.1107	0.0112	0.1219						1,192.9312
Worker	0.2850	0.1795	2.7204	8.5300e-003	1.1178	5.8600e-003	1.1236	0.2964	5.3900e-003	0.3018						902.5871
Total	0.3458	2.5670	3.5925	0.0191	1.5021	0.0176	1.5197	0.4071	0.0166	0.4237						2,095.5184

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	0.4794	3.6798	20.5220	0.0336		0.0877	0.0877		0.0849	0.0849							3,219.3115
Total	0.4794	3.6798	20.5220	0.0336		0.0877	0.0877		0.0849	0.0849							3,219.3115

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							0.0000
Vendor	0.0608	2.3875	0.8721	0.0106	0.3843	0.0117	0.3961	0.1107	0.0112	0.1219							1,192.9312
Worker	0.2850	0.1795	2.7204	8.5300e-003	1.1178	5.8600e-003	1.1236	0.2964	5.3900e-003	0.3018							902.5871
Total	0.3458	2.5670	3.5925	0.0191	1.5021	0.0176	1.5197	0.4071	0.0166	0.4237							2,095.5184

3.19 Phase 3 Interior Build - 2027

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	1.6782	14.1739	19.4515	0.0336		0.5904	0.5904		0.5663	0.5663							3,219.3115
Total	1.6782	14.1739	19.4515	0.0336		0.5904	0.5904		0.5663	0.5663							3,219.3115

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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Sportsman Lodge Construction Localized - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	0.0593	2.3701	0.8618	0.0104	0.3843	0.0117	0.3960	0.1107	0.0112	0.1218						1,169.5444
Worker	0.2696	0.1641	2.5731	8.2900e-003	1.1178	5.5100e-003	1.1233	0.2964	5.0700e-003	0.3015						884.1249
Total	0.3289	2.5342	3.4349	0.0187	1.5021	0.0172	1.5193	0.4071	0.0162	0.4233						2,053.6692

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	0.4794	3.6798	20.5220	0.0336		0.0877	0.0877		0.0849	0.0849						3,219.3115
Total	0.4794	3.6798	20.5220	0.0336		0.0877	0.0877		0.0849	0.0849						3,219.3115

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						0.0000
Vendor	0.0593	2.3701	0.8618	0.0104	0.3843	0.0117	0.3960	0.1107	0.0112	0.1218						1,169.5444
Worker	0.2696	0.1641	2.5731	8.2900e-003	1.1178	5.5100e-003	1.1233	0.2964	5.0700e-003	0.3015						884.1249
Total	0.3289	2.5342	3.4349	0.0187	1.5021	0.0172	1.5193	0.4071	0.0162	0.4233						2,053.6692

Sportsman Lodge Existing - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Sportsman Lodge 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
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Parking Lot	587.00	Space	0.00	234,800.00	0
Hotel	200.00	Room	5.80	135,584.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	12	Operational Year	2021		
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	690.4	CH4 Intensity (lb/MW hr)	0.049	N2O Intensity (lb/MW hr)	0.007

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Project specific square footage and population consistent with LADOT VMT Calculator
- Vehicle Trips - LADOT VMT Calculator Trips/VMT
- Energy Use - Existing Uses
- Stationary Sources - Emergency Generators and Fire Pumps -
- Area Mitigation -
- Water Mitigation -
- Waste Mitigation - County Diversion Rate

Table Name	Column Name	Default Value	New Value
tblEnergyUse	LightingElect	2.67	2.14
tblEnergyUse	LightingElect	0.88	0.35
tblEnergyUse	T24E	3.50	2.28
tblEnergyUse	T24NG	21.79	19.72
tblLandUse	LandUseSquareFeet	290,400.00	135,584.00
tblLandUse	LotAcreage	5.28	0.00
tblLandUse	LotAcreage	6.67	5.80
tblVehicleTrips	CC_TL	8.40	8.95
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	8.19	0.00
tblVehicleTrips	ST_TR	0.00	268.00
tblVehicleTrips	SU_TR	5.95	0.00
tblVehicleTrips	SU_TR	0.00	138.00
tblVehicleTrips	WD_TR	8.36	0.00
tblVehicleTrips	WD_TR	0.00	1,416.00

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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Sportsman Lodge Existing - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Category	lb/day										lb/day					
Area	3.1375	7.4000e-004	0.0808	1.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		0.1725	0.1725	4.6000e-004		0.1839
Energy	0.0953	0.8660	0.7275	5.2000e-003		0.0658	0.0658		0.0658	0.0658		1,039.2224	1,039.2224	0.0199	0.0191	1,045.3980
Mobile	4.6466	6.1826	47.9942	0.0975	9.7119	0.1004	9.8122	2.5869	0.0939	2.6808		9,955.6836	9,955.6836	0.7167	0.4580	10,110.0719
Total	7.8793	7.0494	48.8024	0.1027	9.7119	0.1665	9.8783	2.5869	0.1600	2.7469		10,995.0785	10,995.0785	0.7370	0.4770	11,155.6538

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	3.1375	7.4000e-004	0.0808	1.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		0.1725	0.1725	4.6000e-004		0.1839
Energy	0.0953	0.8660	0.7275	5.2000e-003		0.0658	0.0658		0.0658	0.0658		1,039.2224	1,039.2224	0.0199	0.0191	1,045.3980
Mobile	4.6466	6.1826	47.9942	0.0975	9.7119	0.1004	9.8122	2.5869	0.0939	2.6808		9,955.6836	9,955.6836	0.7167	0.4580	10,110.0719
Total	7.8793	7.0494	48.8024	0.1027	9.7119	0.1665	9.8783	2.5869	0.1600	2.7469		10,995.0785	10,995.0785	0.7370	0.4770	11,155.6538

	ROG	NOx	CO	SO2	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	4.6466	6.1826	47.9942	0.0975	9.7119	0.1004	9.8122	2.5869	0.0939	2.6808		9,955.6836	9,955.6836	0.7167	0.4580	10,110.0719
Unmitigated	4.6466	6.1826	47.9942	0.0975	9.7119	0.1004	9.8122	2.5869	0.0939	2.6808		9,955.6836	9,955.6836	0.7167	0.4580	10,110.0719

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Hotel	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
User Defined Commercial	1,416.00	268.00	138.00	3,483.984	3,483.984
Total	1,416.00	268.00	138.00	3,483.984	3,483.984

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
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
User Defined Commercial	0.00	8.95	0.00	0.00	100.00	0.00	100	0	0

4.4 Fleet Mix

Sportsman Lodge Existing - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Hotel	0.548812	0.060892	0.186048	0.127862	0.022726	0.005730	0.010818	0.008022	0.000956	0.000624	0.023397	0.000686	0.003425
Parking Lot	0.548812	0.060892	0.186048	0.127862	0.022726	0.005730	0.010818	0.008022	0.000956	0.000624	0.023397	0.000686	0.003425
User Defined Commercial	0.548812	0.060892	0.186048	0.127862	0.022726	0.005730	0.010818	0.008022	0.000956	0.000624	0.023397	0.000686	0.003425

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	0.0953	0.8660	0.7275	5.2000e-003		0.0658	0.0658		0.0658	0.0658		1,039.2224	1,039.2224	0.0199	0.0191	1,045.3980
NaturalGas Unmitigated	0.0953	0.8660	0.7275	5.2000e-003		0.0658	0.0658		0.0658	0.0658		1,039.2224	1,039.2224	0.0199	0.0191	1,045.3980

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					
Hotel	8833.39	0.0953	0.8660	0.7275	5.2000e-003		0.0658	0.0658		0.0658	0.0658		1,039.2224	1,039.2224	0.0199	0.0191	1,045.3980
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0953	0.8660	0.7275	5.2000e-003		0.0658	0.0658		0.0658	0.0658		1,039.2224	1,039.2224	0.0199	0.0191	1,045.3980

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					
Hotel	8.83339	0.0953	0.8660	0.7275	5.2000e-003		0.0658	0.0658		0.0658	0.0658		1,039.2224	1,039.2224	0.0199	0.0191	1,045.3980
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0953	0.8660	0.7275	5.2000e-003		0.0658	0.0658		0.0658	0.0658		1,039.2224	1,039.2224	0.0199	0.0191	1,045.3980

6.0 Area Detail

6.1 Mitigation Measures Area

Sportsman Lodge Existing - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.1375	7.4000e-004	0.0808	1.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		0.1725	0.1725	4.6000e-004		0.1839
Unmitigated	3.1375	7.4000e-004	0.0808	1.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		0.1725	0.1725	4.6000e-004		0.1839

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	0.3622					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.7677					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.5400e-003	7.4000e-004	0.0808	1.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		0.1725	0.1725	4.6000e-004		0.1839
Total	3.1375	7.4000e-004	0.0808	1.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		0.1725	0.1725	4.6000e-004		0.1839

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	0.3622					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.7677					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.5400e-003	7.4000e-004	0.0808	1.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		0.1725	0.1725	4.6000e-004		0.1839
Total	3.1375	7.4000e-004	0.0808	1.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		0.1725	0.1725	4.6000e-004		0.1839

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

Sportsman Lodge Existing - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

Sportsman Lodge No Project - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Sportsman Lodge No Project
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
Parking Lot	587.00	Space	0.00	234,800.00	0
Hotel	200.00	Room	5.80	135,584.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	12			Operational Year	2027
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	539	CH4 Intensity (lb/MW hr)	0.049	N2O Intensity (lb/MW hr)	0.007

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Updated default CalEEMod LADWP Intensity Factor of 690.4 (2020) to 539 to account for Buildout Year RPS reduction.

Land Use - Project specific square footage and population consistent with LADOT VMT Calculator

Vehicle Trips - LADOT VMT Calculator Trips/VMT

Energy Use - Existing Uses

Stationary Sources - Emergency Generators and Fire Pumps -

Area Mitigation -

Water Mitigation -

Waste Mitigation - County Diversion Rate

Table Name	Column Name	Default Value	New Value
tblEnergyUse	LightingElect	2.67	2.14
tblEnergyUse	LightingElect	0.88	0.35
tblEnergyUse	T24E	3.50	2.28
tblEnergyUse	T24NG	21.79	19.72
tblLandUse	LandUseSquareFeet	290,400.00	135,584.00
tblLandUse	LotAcreage	5.28	0.00
tblLandUse	LotAcreage	6.67	5.80
tblProjectCharacteristics	CO2IntensityFactor	690.4	539
tblTripsAndVMT	HaulingTripNumber	900.00	0.00
tblVehicleTrips	CC_TL	8.40	8.95
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	8.19	0.00
tblVehicleTrips	ST_TR	0.00	268.00
tblVehicleTrips	SU_TR	5.95	0.00
tblVehicleTrips	SU_TR	0.00	138.00
tblVehicleTrips	WD_TR	8.36	0.00
tblVehicleTrips	WD_TR	0.00	1,416.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

Sportsman Lodge No Project - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.1374	7.3000e-004	0.0803	1.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		0.1725	0.1725	4.5000e-004		0.1837
Energy	0.0953	0.8660	0.7275	5.2000e-003		0.0658	0.0658		0.0658	0.0658		1,039.2224	1,039.2224	0.0199	0.0191	1,045.3980
Mobile	3.7652	3.9272	37.2049	0.0816	9.7142	0.0590	9.7732	2.5879	0.0548	2.6427		8,649.9480	8,649.9480	0.5898	0.3643	8,773.2416
Total	6.9978	4.7940	38.0126	0.0868	9.7142	0.1251	9.8394	2.5879	0.1209	2.7088		9,689.3429	9,689.3429	0.6102	0.3833	9,818.8233

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	3.1374	7.3000e-004	0.0803	1.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		0.1725	0.1725	4.5000e-004		0.1837
Energy	0.0953	0.8660	0.7275	5.2000e-003		0.0658	0.0658		0.0658	0.0658		1,039.2224	1,039.2224	0.0199	0.0191	1,045.3980
Mobile	3.7652	3.9272	37.2049	0.0816	9.7142	0.0590	9.7732	2.5879	0.0548	2.6427		8,649.9480	8,649.9480	0.5898	0.3643	8,773.2416
Total	6.9978	4.7940	38.0126	0.0868	9.7142	0.1251	9.8394	2.5879	0.1209	2.7088		9,689.3429	9,689.3429	0.6102	0.3833	9,818.8233

	ROG	NOx	CO	SO2	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	3.7652	3.9272	37.2049	0.0816	9.7142	0.0590	9.7732	2.5879	0.0548	2.6427		8,649.9480	8,649.9480	0.5898	0.3643	8,773.2416
Unmitigated	3.7652	3.9272	37.2049	0.0816	9.7142	0.0590	9.7732	2.5879	0.0548	2.6427		8,649.9480	8,649.9480	0.5898	0.3643	8,773.2416

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Hotel	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
User Defined Commercial	1,416.00	268.00	138.00	3,483.984	3,483.984
Total	1,416.00	268.00	138.00	3,483.984	3,483.984

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
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
User Defined Commercial	0.00	8.95	0.00	0.00	100.00	0.00	100	0	0

Sportsman Lodge No Project - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Hotel	0.535658	0.065965	0.190922	0.126434	0.023737	0.006642	0.011305	0.008056	0.000938	0.000585	0.025742	0.000711	0.003305
Parking Lot	0.535658	0.065965	0.190922	0.126434	0.023737	0.006642	0.011305	0.008056	0.000938	0.000585	0.025742	0.000711	0.003305
User Defined Commercial	0.535658	0.065965	0.190922	0.126434	0.023737	0.006642	0.011305	0.008056	0.000938	0.000585	0.025742	0.000711	0.003305

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

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	0.0953	0.8660	0.7275	5.2000e-003		0.0658	0.0658		0.0658	0.0658		1,039.2224	1,039.2224	0.0199	0.0191	1,045.3980
NaturalGas Unmitigated	0.0953	0.8660	0.7275	5.2000e-003		0.0658	0.0658		0.0658	0.0658		1,039.2224	1,039.2224	0.0199	0.0191	1,045.3980

5.2 Energy by Land Use - NaturalGas

Unmitigated

Land Use	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
	kBTU/yr	lb/day										lb/day					
Hotel	8833.39	0.0953	0.8660	0.7275	5.2000e-003		0.0658	0.0658		0.0658	0.0658		1,039.2224	1,039.2224	0.0199	0.0191	1,045.3980
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0953	0.8660	0.7275	5.2000e-003		0.0658	0.0658		0.0658	0.0658		1,039.2224	1,039.2224	0.0199	0.0191	1,045.3980

Mitigated

Land Use	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
	kBTU/yr	lb/day										lb/day					
Hotel	8833.39	0.0953	0.8660	0.7275	5.2000e-003		0.0658	0.0658		0.0658	0.0658		1,039.2224	1,039.2224	0.0199	0.0191	1,045.3980
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0953	0.8660	0.7275	5.2000e-003		0.0658	0.0658		0.0658	0.0658		1,039.2224	1,039.2224	0.0199	0.0191	1,045.3980

6.0 Area Detail

6.1 Mitigation Measures Area

Sportsman Lodge No Project - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.1374	7.3000e-004	0.0803	1.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		0.1725	0.1725	4.5000e-004		0.1837
Unmitigated	3.1374	7.3000e-004	0.0803	1.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		0.1725	0.1725	4.5000e-004		0.1837

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	0.3622					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.7677					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.3900e-003	7.3000e-004	0.0803	1.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		0.1725	0.1725	4.5000e-004		0.1837
Total	3.1374	7.3000e-004	0.0803	1.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		0.1725	0.1725	4.5000e-004		0.1837

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	0.3622					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.7677					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.3900e-003	7.3000e-004	0.0803	1.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		0.1725	0.1725	4.5000e-004		0.1837
Total	3.1374	7.3000e-004	0.0803	1.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004		0.1725	0.1725	4.5000e-004		0.1837

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

Sportsman Lodge No Project - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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

Sportsman Lodge Construction and Buildout Operations - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Sportsman Lodge Buildout Operations
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	1,390.00	Space	0.00	556,000.00	0
High Turnover (Sit Down Restaurant)	18.02	1000sqft	0.00	18,020.00	0
Apartments Mid Rise	520.00	Dwelling Unit	5.80	545,021.00	1241
Strip Mall	27.93	1000sqft	0.00	27,930.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	12			Operational Year	2027
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	539	CH4 Intensity (lb/MW hr)	0.049	N2O Intensity (lb/MW hr)	0.007

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Updated default CalEEMod LADWP Intensity Factor of 690.4 (2020) to 539 to account for Buildout Year RPS reduction.

Land Use - Project specific square footage and population consistent with LADOT VMT Calculator

Vehicle Trips - LADOT VMT Calculator Trips/VMT

Energy Use - Consistency with Section 120.6(c) requirements. See calculations in AQ Appendix.

Stationary Sources - Emergency Generators and Fire Pumps -

Area Mitigation -

Water Mitigation -

Waste Mitigation - County Diversion Rate

Table Name	Column Name	Default Value	New Value
tblEnergyUse	T24E	3.50	0.41
tblLandUse	LandUseSquareFeet	520,000.00	545,021.00
tblLandUse	LotAcreage	12.51	0.00
tblLandUse	LotAcreage	0.41	0.00
tblLandUse	LotAcreage	13.68	5.80
tblLandUse	LotAcreage	0.64	0.00
tblLandUse	Population	1,487.00	1,241.00
tblProjectCharacteristics	CO2IntensityFactor	690.4	539
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	500.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	0.25
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	12.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblVehicleTrips	CC_TL	8.40	9.11
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	ST_TR	122.40	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	ST_TR	0.00	5,904.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	SU_TR	142.64	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	SU_TR	0.00	5,477.00
tblVehicleTrips	WD_TR	5.44	0.00

Sportsman Lodge Construction and Buildout Operations - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tbiVehicleTrips	WD_TR	112.18	0.00
tbiVehicleTrips	WD_TR	44.32	0.00
tbiVehicleTrips	WD_TR	0.00	5,751.00

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	150.5506	11.2842	307.4533	0.6769		39.9603	39.9603		39.9603	39.9603	4,870.7976	0,437.5617	14,308.3592	14.6005	0.3306	14,771.8879
Energy	0.2893	2.5394	1.5477	0.0158		0.1999	0.1999		0.1999	0.1999		3,155.4958	3,155.4958	0.0605	0.0579	3,174.2473
Mobile	15.8435	16.5908	156.4714	0.3463	41.2275	0.2482	41.4757	10.9832	0.2305	11.2137		35,338.2298	35,338.2298	2.4930	1.5405	35,859.6235
Stationary	0.2051	0.5733	0.5231	9.9000e-004		0.0302	0.0302		0.0302	0.0302		104.9393	104.9393	0.0147		105.3071
Total	166.8884	30.9877	465.9955	1.0399	41.2275	40.4385	81.6660	10.9832	40.4208	51.4040	4,870.7976	48,036.2265	52,907.0241	17.1686	1.9290	53,911.0658

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	14.2919	0.4950	43.0063	2.2800e-003		0.2383	0.2383		0.2383	0.2383	0.0000	77.5617	77.5617	0.0748	0.0000	79.4315
Energy	0.2893	2.5394	1.5477	0.0158		0.1999	0.1999		0.1999	0.1999		3,155.4958	3,155.4958	0.0605	0.0579	3,174.2473
Mobile	15.8435	16.5908	156.4714	0.3463	41.2275	0.2482	41.4757	10.9832	0.2305	11.2137		35,338.2298	35,338.2298	2.4930	1.5405	35,859.6235
Stationary	0.2051	0.5733	0.5231	9.9000e-004		0.0302	0.0302		0.0302	0.0302		104.9393	104.9393	0.0147		105.3071
Total	30.6297	20.1986	201.5485	0.3653	41.2275	0.7166	41.9441	10.9832	0.6989	11.6821	0.0000	38,676.2265	38,676.2265	2.6430	1.5984	39,218.6094

	ROG	NOx	CO	SO2	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	81.65	34.82	56.75	64.87	0.00	98.23	48.64	0.00	98.27	77.27	100.00	19.49	26.90	84.61	17.14	27.25

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	15.8435	16.5908	156.4714	0.3463	41.2275	0.2482	41.4757	10.9832	0.2305	11.2137		35,338.2298	35,338.2298	2.4930	1.5405	35,859.6235
Unmitigated	15.8435	16.5908	156.4714	0.3463	41.2275	0.2482	41.4757	10.9832	0.2305	11.2137		35,338.2298	35,338.2298	2.4930	1.5405	35,859.6235

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Apartments Mid 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		

Sportsman Lodge Construction and Buildout Operations - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	0.00	0.00	0.00		
Strip Mall					
User Defined Commercial	5,751.00	5,904.00	5,477.00	19,013.226	19,013.226
Total	5,751.00	5,904.00	5,477.00	19,013.226	19,013.226

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
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
High Turnover (Sit Down)	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15
User Defined Commercial	0.00	9.11	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 Mid Rise	0.535658	0.065965	0.190922	0.126434	0.023737	0.006642	0.011305	0.008056	0.000938	0.000585	0.025742	0.000711	0.003305
Enclosed Parking with Elevator	0.535658	0.065965	0.190922	0.126434	0.023737	0.006642	0.011305	0.008056	0.000938	0.000585	0.025742	0.000711	0.003305
High Turnover (Sit Down)	0.535658	0.065965	0.190922	0.126434	0.023737	0.006642	0.011305	0.008056	0.000938	0.000585	0.025742	0.000711	0.003305
Strip Mall	0.535658	0.065965	0.190922	0.126434	0.023737	0.006642	0.011305	0.008056	0.000938	0.000585	0.025742	0.000711	0.003305
User Defined Commercial	0.535658	0.065965	0.190922	0.126434	0.023737	0.006642	0.011305	0.008056	0.000938	0.000585	0.025742	0.000711	0.003305

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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
NaturalGas Mitigated	0.2893	2.5394	1.5477	0.0158		0.1999	0.1999		0.1999	0.1999		3,155.4958	3,155.4958	0.0605	0.0579	3,174.2473
NaturalGas Unmitigated	0.2893	2.5394	1.5477	0.0158		0.1999	0.1999		0.1999	0.1999		3,155.4958	3,155.4958	0.0605	0.0579	3,174.2473

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
Apartments Mid Rise	15325.6	0.1653	1.4124	0.6010	9.0200e-003		0.1142	0.1142		0.1142	0.1142		1,803.0147	1,803.0147	0.0346	0.0331	1,813.7292
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	11371.4	0.1226	1.1148	0.9365	6.6900e-003		0.0847	0.0847		0.0847	0.0847		1,337.8071	1,337.8071	0.0256	0.0245	1,345.7570
Strip Mall	124.728	1.3500e-003	0.0122	0.0103	7.0000e-005	9.3000e-004	9.3000e-004	9.3000e-004	9.3000e-004	9.3000e-004	9.3000e-004		14.6739	14.6739	2.8000e-004	2.7000e-004	14.7611
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.2893	2.5394	1.5477	0.0158		0.1999	0.1999		0.1999	0.1999		3,155.4958	3,155.4958	0.0605	0.0579	3,174.2473

Mitigated

Sportsman Lodge Construction and Buildout Operations - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	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					
Apartments Mid Rise	15.3256	0.1653	1.4124	0.6010	9.0200e-003		0.1142	0.1142		0.1142	0.1142		1,803.0147	1,803.0147	0.0346	0.0331	1,813.7292
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	11.3714	0.1226	1.1148	0.9365	6.6900e-003		0.0847	0.0847		0.0847	0.0847		1,337.8071	1,337.8071	0.0256	0.0245	1,345.7570
Strip Mall	0.124728	1.3500e-003	0.0122	0.0103	7.0000e-005		9.3000e-004	9.3000e-004		9.3000e-004	9.3000e-004		14.6739	14.6739	2.8000e-004	2.7000e-004	14.7611
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.2893	2.5394	1.5477	0.0158		0.1999	0.1999		0.1999	0.1999		3,155.4958	3,155.4958	0.0605	0.0579	3,174.2473

6.0 Area Detail

6.1 Mitigation Measures Area

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	14.2919	0.4950	43.0063	2.2800e-003		0.2383	0.2383		0.2383	0.2383	0.0000	77.5617	77.5617	0.0748	0.0000	79.4315
Unmitigated	150.5506	11.2842	307.4533	0.6769		39.9603	39.9603		39.9603	39.9603	4,870.7976	9,437.5617	14,308.3592	14.6005	0.3306	14,771.8879

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	1.0934					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	11.8982					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	136.2587	10.7891	264.4470	0.6746		39.7219	39.7219		39.7219	39.7219	4,870.7976	9,360.0000	14,230.7976	14.5257	0.3306	14,692.4564
Landscaping	1.3003	0.4950	43.0063	2.2800e-003		0.2383	0.2383		0.2383	0.2383		77.5617	77.5617	0.0748		79.4315
Total	150.5506	11.2842	307.4533	0.6769		39.9603	39.9603		39.9603	39.9603	4,870.7976	9,437.5617	14,308.3593	14.6005	0.3306	14,771.8879

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					

Sportsman Lodge Construction and Buildout Operations - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Architectural Coating	1.0934				0.0000	0.0000		0.0000	0.0000			0.0000		0.0000
Consumer Products	11.8982				0.0000	0.0000		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	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.3003	0.4950	43.0063	2.2800e-003	0.2383	0.2383		0.2383	0.2383		77.5617	77.5617	0.0748	79.4315
Total	14.2919	0.4950	43.0063	2.2800e-003	0.2383	0.2383		0.2383	0.2383	0.0000	77.5617	77.5617	0.0748	79.4315

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

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	0.25	12	500	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
	lb/day										lb/day					
Emergency	0.2051	0.5733	0.5231	9.9000e-004		0.0302	0.0302		0.0302	0.0302		104.9393	104.9393	0.0147		105.3071
Total	0.2051	0.5733	0.5231	9.9000e-004		0.0302	0.0302		0.0302	0.0302		104.9393	104.9393	0.0147		105.3071

11.0 Vegetation

**Sportsman Lodge - INTERSECTION PEAK HOUR VOLUMES
FUTURE WITH PROJECT CONDITIONS (YEAR 2026)**

Study Intersections			Weekday AM Peak Hour											Weekday PM Peak Hour														
#	N/S Street	E/W Street	SBR	SBT	SBL	WBR	WBT	WBL	NBR	NBT	NBL	EBR	EBT	EBL	Total	SBR	SBT	SBL	WBR	WBT	WBL	NBR	NBT	NBL	EBR	EBT	EBL	
1	Coldwater Canyon Boulevard	Moorpark Street	145	557	153	141	522	62	76	611	51	119	778	50	3,265	146	1,003	133	143	579	102	273	1,012	89	62	704	102	4,348
2	Coldwater Canyon Boulevard	Valleyheart Dr	11	597	0	0	0	0	0	558	25	77	0	38	1,306	24	1,445	0	0	0	0	0	1,025	33	44	0	32	2,603
3	Coldwater Canyon Boulevard	Ventura Boulevard	32	389	268	166	699	181	171	325	100	134	1,006	107	3,578	164	652	329	305	1,065	206	219	921	222	153	1,051	203	5,490
4	Goodland Avenue	Ventura Boulevard	46	2	46	54	1,001	74	17	2	4	45	1,333	18	2,642	73	3	59	65	1,346	58	12	3	5	30	1,697	25	3,376
5	Whitsett Avenue	Ventura Boulevard	460	249	682	160	718	23	8	90	82	97	842	167	3,578	276	162	248	346	1,106	28	10	208	127	244	1,027	338	4,120

Max Hourly: 3,578

Max Daily: 35,780

Max Hourly: 5,490

Max Daily: 54,900

Sportsmen's Lodge

Draft EIR

Appendix C-3

Greenhouse Gas Emissions Worksheets and Modeling Output Files

- Appendix C-3.1: GHG Modeling Parameters and Summary of Emissions
 - GHG Emissions Summary
 - GHG Parameters and Summary
 - Trip Generation and VMT
 - Electric Vehicle Modeling Parameters
 - Parking Garage Ventilation Energy Factor
 - Carbon Intensity Calculation

- Appendix C-3.2: CalEEMod Outputs
 - Construction
 - Construction-Mat Pours
 - Baseline (Existing)
 - No Project
 - Project Operations
 - Project Operations (No MXD)
 - Project Operations (TDM)

Sportsmen's Lodge

Draft EIR

Appendix C-3

Greenhouse Gas Emissions Worksheets and Modeling Output Files

- Appendix C-3.1: GHG Modeling Parameters and Summary of Emissions
 - GHG Emissions Summary
 - GHG Parameters and Summary
 - Trip Generation and VMT
 - Electric Vehicle Modeling Parameters
 - Parking Garage Ventilation Energy Factor
 - Carbon Intensity Calculation

CalEEMod Outputs

Construction Emissions - Annual

CalEEMod Output - Annual Construction

Year	CO2e
2023	1,194
2024	2,611
2024 (Mat Pours)	75
2025	2,290
2026	2,715
2027	75
30-year Amortized	299

Operational Emissions - Annual

Category	Baseline (Existing Year)	Baseline (Buildout Year) - Mobile	Buildout Year No MXD/PDFs	Buildout Year - With MXD/PDFs/MMs	Project (Buildout Year) No MXD/PDFs	Project (Buildout Year) - With
Area	0	0	122	9	122	9
Energy	511	437	1621	1621	1184	1184
Mobile	1274	1105	6621	5809	5516	4704
EV		0	(314)	(314)	(314)	(314)
Stationary	0	0	2	2	2	2
Waste	13	13	57	57	44	44
Water	30	25	201	201	177	177
Operations Total	1828	1580	8311	7386	6731	5806
Construction Amortized			299	299	299	299
	1828	1580	8610	7685	7030	6105

Sportsmen's Lodge

VMT Calculations for CalEEMod Inputs (Buildout)

VMT Summary

Existing Generation Rates for Weekend Scalar (CalEEMod Defaults)				Rate (Daily)		
	DU/TSF		Weekday	Saturday	Sunday	
Hotel	ksf	135.584	6.97	1.32	0.68	
Parking Lot	PS	141	0	0	0	
Generation Rates for Weekend Scalar (CalEEMod Defaults)				Rate (Daily)		
	DU/TSF		Weekday	Saturday	Sunday	
Multi-Family	DU	442	5.44	4.91	4.09	
Affordable Housing	DU	78	6.65	6.39	5.86	
Restaurant	ksf	18.019	112.18	122.4	142.64	
Retail	ksf	27.926	44.32	42.04	20.43	
Enclosed Parking Structure with Elevator	PS	1390	0	0	0	
Total						

Daily Trips		
Weekday	Saturday	Sunday
945	179	92

Daily Trips		
Weekday	Saturday	Sunday
2404	2170	1808
519	498	457
2021	2206	2570
1238	1174	571
3778	3878	3598

	Project Weekday Trips	Saturday Trips	Sunday Trips	Saturday Vs. Sunday Vs.	
				Weekday Ratio	Weekday Ratio
Existing Daily Trips	945	179	92	0.19	0.10
Project Daily Trips	3778	3878	3598	1.03	0.95

Project without TDM (MXD Data)

	Unadjusted Trips Pre MXD	MXD Adjustment	MXD Trips	Average Trip Length	Unadjusted Pre MXD VMT	MXD VMT
Home Based Work Production	462	-12.6%	404	10.9	5,036	4404
Home Based Other Production	1280	-21.5%	1005	8.4	10,752	8,442
Non-Home Based Other Production	1365	-1.2%	1348	10.1	13787	13615
Home-Based Work Attraction	185	-14.6%	158	9.0	1665	1422
Home-Based Other Attraction	2372	-18.3%	1937	8.9	21,111	17239
Non-Home Based Other Attraction	912	-1.4%	899	8.1	7387	7282
Total	6,576		5,751		59,738	52,404
Residential VMT			1,409			12,846
Work VMT			158			1,422

Percent Reduction for MXD

12%		
10.4	Population	1241
11.1	Employees	128

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	-1.6%	397	4333	-20.0%	323	3523
Home Based Other Production	-1.6%	989	8305	-20.0%	804	6754
Non-Home Based Other Production	-1.6%	1326	13395	-13.8%	1163	11743
Home-Based Work Attraction	-1.6%	155	1399	-13.8%	136	1226
Home-Based Other Attraction	-1.6%	1906	16960	-13.8%	1671	14868
Non-Home Based Other Attraction	-1.6%	884	7164	-13.8%	775	6281
Total		5,657	51,556		4,872	44,395
Residential VMT			12,638			10,277
Work VMT			1,399			1,226

26%		
8.3	Population	1241
9.6	Employees	128

Source: Gibson Transportation Consulting, Inc.

CalEEMod Inputs - PASTE THIS INTO CALEEMOD INPUT FILE

VehicleTripsLandUseSubType	VehicleTripsLandUseSizeMetric	WD_TR	ST_TR	SU_TR	HW_TL	HS_TL	HO_TL	CC_TL	CW_TL	CNW_TL	PR_TP	DV_TP	PB_TP	HW_TTP	HS_TTP	HO_TTP	CC_TTP	CW_TTP	CNW_TTP
Existing User Defined Commercial	User Defined Unit	1,416	268	138	0	0	0	8.95	0	0	100	0	0	0	0	0	100	0	0
No MXD User Defined Res. (VMT)	User Defined Unit	6,576	6,750	6,263	0	0	0	9.08	0	0	100	0	0	0	0	0	100	0	0
Project User Defined Res. (VMT)	User Defined Unit	5,751	5,904	5,477	0	0	0	9.11	0	0	100	0	0	0	0	0	100	0	0
Project TDM/MM User Defined Res. (VMT)	User Defined Unit	4,872	5,001	4,640	0	0	0	9.11	0	0	100	0	0	0	0	0	100	0	0

GHG Emissions Reductions for Residential Uses Associated with City Codes (Electric Vehicle Charging Stations/Plugs)

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

LADWP Electricity Emission Factor ¹	0.24 MTCO ₂ E/MWh
Fuel Economy of Electric Vehicle ²	0.33 kWh/mile
Electric Vehicle GHG Emissions	80.8 grams/mile
GHG Emissions from Residential Miles Traveled (CalEEMod) ³	250.7 grams/mile
GHG Emissions Reduction from Additional Electric Vehicles, per mile	170.0 grams/mile

Step 2: Estimating Project Residential-Related VMT GHG Emissions

Residential Average Yearly VMT ⁴	4,612,870 miles/year
Percent of Residential Miles Driven in Electric Vehicles due to this Measure	20.0%
Residential VMT that is Displaced by EVs due to this Measure	922,574 miles/year
GHG Emissions Reduction from Residential Electric Vehicles	157 MTCO ₂ E/MWh

Energy Usage for Charging Vehicles **304,449 kWh/year**

Notes:

- 1) CO₂ intensity factor reflects a 2027 RPS for LADWP (539 lbs of CO₂E/MWh).
- 2) US Department of Energy, 2021. 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 Air Quality Appendix 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/plugs 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 Commercial Uses Associated with City Codes (Electric Vehicle Charging Stations/Plugs)

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

LADWP Electricity Emission Factor ¹	0.24 MTCO ₂ E/MWh
Fuel Economy of Electric Vehicle ²	0.33 kWh/mile
Gasoline/Diesel CO ₂ Emissions While Running ³	204.6 grams/mile
Annual VMT Reduction per Parking Spot ⁴	9,125 miles/charging station/year
Number of On-Site Chargers ⁵	139
Annual VMT Reduction All Stations/Plugs (Based on Charge)	1,268,375

Step 2: Estimating GHG Emissions Reduction from Installing Electric Vehicle Charging Stations/Plugs

GHG Emissions of Gasoline/Diesel Vehicle	260 MTCO ₂ E/MWh
GHG Emissions of Electric Vehicle	102 MTCO ₂ E/MWh
GHG Emissions Reduction	157 MTCO ₂ E/MWh

Notes:

- 1) CO₂ intensity factor reflects a 2027 RPS for LADWP (539 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) CARB, 2017. EMFAC2017, running exhaust emission rate for CO₂ and CH₄ for light duty gasoline- and diesel-powered vehicles in Los Angeles, aggregated for all models and speeds, averaged over all seasons for 2026.
- 4) Annual VMT reduction estimated based on an estimate of 10 hours of charge time for a Level 2 charging station that charges at a rate of 25 driving range per hour. It is conservatively assumed that 20% of the miles charged would be driven by the charged vehicles.
- 5) City Code requires 10% of parking spaces to be equipped with EV chargers.

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 in electricity associated with Title 24)

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%	690
2026	46	-29%	490
2030	60	-23%	380
2036	65	-8%	351
2045	100	-35%	0

Build Out Year	Carbon Intensity (lbs/MWh)
2021	725
2027	539

Sportsmen's Lodge

Draft EIR

Appendix C-3

Greenhouse Gas Emissions Worksheets and
Modeling Output Files

- Appendix C-3.2: CalEEMod Outputs
 - Project Construction
 - Baseline (Existing)
 - No Project
 - Project Operations
 - Project Operations (No MXD)
 - Project Operations (TDM)

Sportsman Lodge Construction - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Sportsman Lodge Construction
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	1,390.00	Space	0.00	556,000.00	0
High Turnover (Sit Down Restaurant)	18.02	1000sqft	0.00	18,020.00	0
Apartments Mid Rise	520.00	Dwelling Unit	5.80	545,021.00	1241
Strip Mall	27.93	1000sqft	0.00	27,930.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	12			Operational Year	2027
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWahr)	539	CH4 Intensity (lb/MWahr)	0.049	N2O Intensity (lb/MWahr)	0.007

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Updated default CalEEMod LADWP Intensity Factor of 690.4 (2020) to 539 to account for Buildout Year RPS reduction.

Land Use - Project specific square footage and population consistent with LADOT VMT Calculator

Construction Phase - Site Specific Construction Schedule

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

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Off-road Equipment - Site Specific Equipment List

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Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific Equipment List

Trips and VMT - Site Specific Trips/Trip Lengths to Export Location

On-road Fugitive Dust -

Demolition -

Grading -

Architectural Coating - Site Specific

Vehicle Trips - LADOT VMT Calculator Trips/VMT

Road Dust - default

Consumer Products - default

Energy Use - Consistency with Section 120.6(c) requirements. See calculations in AQ Appendix.

Construction Off-road Equipment Mitigation - Tier 4 Final

Table Name	Column Name	Default Value	New Value
------------	-------------	---------------	-----------

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	47.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
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tblConstructionPhase	NumDays	230.00	142.00
tblConstructionPhase	NumDays	230.00	71.00
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tblConstructionPhase	NumDays	230.00	215.00
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tblConstructionPhase	NumDays	20.00	69.00
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tblConstructionPhase	NumDays	20.00	45.00
tblConstructionPhase	NumDays	10.00	44.00
tblConstructionPhase	NumDays	10.00	30.00
tblGrading	MaterialExported	0.00	15,910.00
tblGrading	MaterialExported	0.00	410,230.00
tblGrading	MaterialExported	0.00	5,000.00
tblLandUse	LandUseSquareFeet	520,000.00	545,021.00
tblLandUse	LotAcreage	12.51	0.00
tblLandUse	LotAcreage	0.41	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblLandUse	LotAcreage	13.68	5.80
tblLandUse	LotAcreage	0.64	0.00
tblLandUse	Population	1,487.00	1,241.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
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tblTripsAndVMT	HaulingTripNumber	625.00	0.00
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tblTripsAndVMT	VendorTripLength	6.90	100.00
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tblTripsAndVMT	VendorTripNumber	0.00	20.00
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tblTripsAndVMT	WorkerTripNumber	624.00	120.00
tblTripsAndVMT	WorkerTripNumber	624.00	120.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblTripsAndVMT	WorkerTripNumber	624.00	120.00
tblTripsAndVMT	WorkerTripNumber	125.00	0.00

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					
2023	0.2924	4.0343	2.8790	0.0122	0.8703	0.1165	0.9868	0.2414	0.1096	0.3511						1,194.4472
2024	0.6880	8.6333	6.2676	0.0269	1.4026	0.2316	1.6341	0.4612	0.2195	0.6807						2,611.2026
2025	1.5930	7.8735	9.0239	0.0248	0.8365	0.2610	1.0974	0.2533	0.2517	0.5050						2,290.4195
2026	2.4025	8.8835	11.3650	0.0296	1.1267	0.3074	1.4341	0.3215	0.2962	0.6177						2,715.4494
2027	0.0314	0.2650	0.3630	8.2000e-004	0.0227	9.7800e-003	0.0325	6.1600e-003	9.3600e-003	0.0155						74.9285
Maximum	2.4025	8.8835	11.3650	0.0296	1.4026	0.3074	1.6341	0.4612	0.2962	0.6807						2,715.4494

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					
2023	0.1020	1.9894	3.3337	0.0122	0.4912	0.0199	0.5111	0.1356	0.0195	0.1551						1,194.4467
2024	0.3055	4.6664	7.1840	0.0269	0.9433	0.0549	0.9981	0.2877	0.0538	0.3415						2,611.2016
2025	1.1417	3.8061	9.6817	0.0248	0.7228	0.0702	0.7930	0.2063	0.0694	0.2757						2,290.4182
2026	1.8600	4.0360	11.9952	0.0296	1.0541	0.0775	1.1316	0.2917	0.0763	0.3680						2,715.4478
2027	0.0124	0.0971	0.3803	8.2000e-004	0.0227	1.6800e-003	0.0244	6.1600e-003	1.6200e-003	7.7700e-003						74.9284
Maximum	1.8600	4.6664	11.9952	0.0296	1.0541	0.0775	1.1316	0.2917	0.0763	0.3680						2,715.4478

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Phase 0 Demolition	Demolition	7/25/2023	9/26/2023	5	46	
2	Phase 0B Utility Relocation, and Temporary Parking	Site Preparation	9/27/2023	11/7/2023	5	30	
3	Phase 1a Grading	Grading	11/8/2023	4/15/2024	5	114	
4	Phase 1a Mat Foundation	Building Construction	3/1/2024	7/2/2024	5	88	
5	Phase 1a Garage to Podium Structure	Building Construction	6/12/2024	4/8/2025	5	215	
6	Phase 1b Structure	Building Construction	2/7/2025	4/9/2026	5	305	
7	Phase 1a Garage to Podium Interior Build	Building Construction	2/21/2025	7/24/2025	5	110	
8	Phase 2 Structure	Building Construction	7/7/2025	6/24/2026	5	253	
9	Architectural Coating	Architectural Coating	7/24/2025	10/28/2026	5	330	

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

10	Phase 3 Demo	Demolition	9/5/2025	11/3/2025	5	42
11	Phase 3 Grading	Grading	11/4/2025	2/6/2026	5	69
12	Phase 3 Site Prep	Site Preparation	11/25/2025	1/23/2026	5	44
13	Phase 1b Interior Build	Building Construction	2/5/2026	8/18/2026	5	139
14	Phase 3 Structure	Building Construction	2/9/2026	12/21/2026	5	226
15	Phase 2 Interior Build	Building Construction	4/14/2026	10/28/2026	5	142
16	Landscape/Hardscape	Paving	11/3/2026	1/4/2027	5	45
17	Phase 3 Interior Build	Building Construction	11/5/2026	2/11/2027	5	71

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 513

Acres of Paving: 0

Residential Indoor: 1,103,668; Residential Outdoor: 367,889; Non-Residential Indoor: 68,925; Non-Residential Outdoor: 22,975; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase 0 Demolition	Air Compressors	5	8.00	78	0.48
Phase 0 Demolition	Concrete/Industrial Saws	2	8.00	81	0.73
Phase 0 Demolition	Excavators	3	8.00	158	0.38
Phase 0 Demolition	Other Construction Equipment	1	8.00	172	0.42
Phase 0 Demolition	Paving Equipment	2	8.00	132	0.36
Phase 0 Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Phase 0 Demolition	Signal Boards	0	8.00	6	0.82
Phase 0 Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 0 Demolition	Trenchers	1	8.00	78	0.50
Phase 0B Utility Relocation, and Temp Parking	Air Compressors	2	8.00	78	0.48
Phase 0B Utility Relocation, and Temp Parking	Concrete/Industrial Saws	2	8.00	81	0.73
Phase 0B Utility Relocation, and Temp Parking	Forklifts	4	8.00	89	0.20
Phase 0B Utility Relocation, and Temp Parking	Rubber Tired Dozers	0	8.00	247	0.40
Phase 0B Utility Relocation, and Temp Parking	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Phase 1a Grading	Bore/Drill Rigs	2	8.00	221	0.50
Phase 1a Grading	Excavators	4	8.00	158	0.38
Phase 1a Grading	Graders	3	8.00	187	0.41
Phase 1a Grading	Other Construction Equipment	1	8.00	172	0.42
Phase 1a Grading	Rubber Tired Dozers	2	8.00	247	0.40
Phase 1a Grading	Rubber Tired Loaders	2	8.00	203	0.36
Phase 1a Grading	Scrapers	2	8.00	367	0.48
Phase 1a Grading	Signal Boards	1	8.00	6	0.82
Phase 1a Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 1a Grading	Welders	2	8.00	46	0.45
Phase 1a Mat Foundation	Air Compressors	6	8.00	78	0.48
Phase 1a Mat Foundation	Cranes	0	7.00	231	0.29
Phase 1a Mat Foundation	Excavators	0	8.00	158	0.38
Phase 1a Mat Foundation	Forklifts	0	8.00	89	0.20
Phase 1a Mat Foundation	Generator Sets	0	8.00	84	0.74
Phase 1a Mat Foundation	Graders	1	8.00	187	0.41
Phase 1a Mat Foundation	Rubber Tired Dozers	1	8.00	247	0.40
Phase 1a Mat Foundation	Rubber Tired Loaders	1	8.00	203	0.36
Phase 1a Mat Foundation	Signal Boards	1	8.00	6	0.82
Phase 1a Mat Foundation	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 1a Mat Foundation	Welders	0	8.00	46	0.45
Phase 1a Garage to Podium Structure	Air Compressors	4	8.00	78	0.48
Phase 1a Garage to Podium Structure	Cement and Mortar Mixers	3	8.00	9	0.56

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Phase 1a Garage to Podium Structure	Concrete/Industrial Saws	1	8.00	81	0.73
Phase 1a Garage to Podium Structure	Cranes	1	8.00	231	0.29
Phase 1a Garage to Podium Structure	Forklifts	3	8.00	89	0.20
Phase 1a Garage to Podium Structure	Generator Sets	0	8.00	84	0.74
Phase 1a Garage to Podium Structure	Plate Compactors	3	8.00	8	0.43
Phase 1a Garage to Podium Structure	Signal Boards	1	8.00	6	0.82
Phase 1a Garage to Podium Structure	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 1a Garage to Podium Structure	Welders	2	8.00	46	0.45
Phase 1b Structure	Air Compressors	4	8.00	78	0.48
Phase 1b Structure	Cement and Mortar Mixers	3	8.00	9	0.56
Phase 1b Structure	Concrete/Industrial Saws	1	8.00	81	0.73
Phase 1b Structure	Cranes	1	8.00	231	0.29
Phase 1b Structure	Forklifts	3	8.00	89	0.20
Phase 1b Structure	Generator Sets	0	8.00	84	0.74
Phase 1b Structure	Plate Compactors	3	8.00	8	0.43
Phase 1b Structure	Signal Boards	1	8.00	6	0.82
Phase 1b Structure	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 1b Structure	Welders	2	8.00	46	0.45
Phase 1a Garage to Podium Interior Build	Aerial Lifts	4	8.00	63	0.31
Phase 1a Garage to Podium Interior Build	Air Compressors	4	8.00	78	0.48
Phase 1a Garage to Podium Interior Build	Cranes	1	8.00	231	0.29
Phase 1a Garage to Podium Interior Build	Forklifts	3	8.00	89	0.20
Phase 1a Garage to Podium Interior Build	Generator Sets	0	8.00	84	0.74
Phase 1a Garage to Podium Interior Build	Signal Boards	1	8.00	6	0.82
Phase 1a Garage to Podium Interior Build	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 1a Garage to Podium Interior Build	Welders	0	8.00	46	0.45
Phase 2 Structure	Air Compressors	4	8.00	78	0.48
Phase 2 Structure	Cement and Mortar Mixers	3	8.00	9	0.56
Phase 2 Structure	Concrete/Industrial Saws	1	8.00	81	0.73
Phase 2 Structure	Cranes	1	8.00	231	0.29
Phase 2 Structure	Forklifts	3	8.00	89	0.20
Phase 2 Structure	Generator Sets	0	8.00	84	0.74
Phase 2 Structure	Plate Compactors	3	8.00	8	0.43
Phase 2 Structure	Signal Boards	1	8.00	6	0.82
Phase 2 Structure	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 2 Structure	Welders	2	8.00	46	0.45
Architectural Coating	Air Compressors	0	6.00	78	0.48
Phase 3 Demo	Air Compressors	2	8.00	78	0.48
Phase 3 Demo	Concrete/Industrial Saws	2	8.00	81	0.73
Phase 3 Demo	Excavators	1	8.00	158	0.38
Phase 3 Demo	Other Construction Equipment	1	8.00	172	0.42
Phase 3 Demo	Rubber Tired Dozers	0	8.00	247	0.40
Phase 3 Demo	Rubber Tired Loaders	1	8.00	203	0.36
Phase 3 Demo	Signal Boards	1	8.00	6	0.82
Phase 3 Demo	Skid Steer Loaders	1	8.00	65	0.37
Phase 3 Demo	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 3 Demo	Trenchers	1	8.00	78	0.50
Phase 3 Grading	Bore/Drill Rigs	2	8.00	221	0.50
Phase 3 Grading	Excavators	2	8.00	158	0.38
Phase 3 Grading	Graders	1	8.00	187	0.41
Phase 3 Grading	Other Construction Equipment	1	8.00	172	0.42
Phase 3 Grading	Rubber Tired Dozers	1	8.00	247	0.40
Phase 3 Grading	Rubber Tired Loaders	1	8.00	203	0.36

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Phase 3 Grading	Signal Boards	1	8.00	6	0.82
Phase 3 Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 3 Grading	Welders	1	8.00	46	0.45
Phase 3 Site Prep	Excavators	1	8.00	158	0.38
Phase 3 Site Prep	Other Construction Equipment	1	8.00	172	0.42
Phase 3 Site Prep	Rubber Tired Dozers	0	8.00	247	0.40
Phase 3 Site Prep	Rubber Tired Loaders	1	8.00	203	0.36
Phase 3 Site Prep	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Phase 1b Interior Build	Aerial Lifts	4	8.00	63	0.31
Phase 1b Interior Build	Air Compressors	4	8.00	78	0.48
Phase 1b Interior Build	Cranes	1	8.00	231	0.29
Phase 1b Interior Build	Forklifts	3	8.00	89	0.20
Phase 1b Interior Build	Generator Sets	0	8.00	84	0.74
Phase 1b Interior Build	Signal Boards	1	8.00	6	0.82
Phase 1b Interior Build	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 1b Interior Build	Welders	0	8.00	46	0.45
Phase 3 Structure	Air Compressors	4	8.00	78	0.48
Phase 3 Structure	Cement and Mortar Mixers	3	8.00	9	0.56
Phase 3 Structure	Concrete/Industrial Saws	1	8.00	81	0.73
Phase 3 Structure	Cranes	1	8.00	231	0.29
Phase 3 Structure	Forklifts	3	8.00	89	0.20
Phase 3 Structure	Generator Sets	0	8.00	84	0.74
Phase 3 Structure	Plate Compactors	3	8.00	8	0.43
Phase 3 Structure	Signal Boards	1	8.00	6	0.82
Phase 3 Structure	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 3 Structure	Welders	0	8.00	46	0.45
Phase 3 Structure	Welders	2	8.00	46	0.45
Phase 2 Interior Build	Aerial Lifts	4	8.00	63	0.31
Phase 2 Interior Build	Air Compressors	4	8.00	78	0.48
Phase 2 Interior Build	Cranes	1	8.00	231	0.29
Phase 2 Interior Build	Forklifts	3	8.00	89	0.20
Phase 2 Interior Build	Generator Sets	0	8.00	84	0.74
Phase 2 Interior Build	Signal Boards	1	8.00	6	0.82
Phase 2 Interior Build	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 2 Interior Build	Welders	0	8.00	46	0.45
Landscape/Hardscape	Cement and Mortar Mixers	1	8.00	9	0.56
Landscape/Hardscape	Concrete/Industrial Saws	1	8.00	81	0.73
Landscape/Hardscape	Forklifts	1	8.00	89	0.20
Landscape/Hardscape	Other Construction Equipment	1	8.00	172	0.42
Landscape/Hardscape	Pavers	0	8.00	130	0.42
Landscape/Hardscape	Paving Equipment	0	8.00	132	0.36
Landscape/Hardscape	Plate Compactors	1	8.00	8	0.43
Landscape/Hardscape	Rollers	1	8.00	80	0.38
Landscape/Hardscape	Signal Boards	1	8.00	6	0.82
Landscape/Hardscape	Skid Steer Loaders	1	8.00	65	0.37
Landscape/Hardscape	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Landscape/Hardscape	Trenchers	1	8.00	78	0.50
Phase 3 Interior Build	Aerial Lifts	4	8.00	63	0.31
Phase 3 Interior Build	Air Compressors	4	8.00	78	0.48
Phase 3 Interior Build	Cranes	1	8.00	231	0.29
Phase 3 Interior Build	Forklifts	3	8.00	89	0.20
Phase 3 Interior Build	Generator Sets	0	8.00	84	0.74
Phase 3 Interior Build	Signal Boards	1	8.00	6	0.82

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Phase 3 Interior Build	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Phase 3 Interior Build	Welders	0	8.00	46	0.45

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
Phase 0 Demolition	16	40.00	44.00	0.00	14.70	20.00	20.00	LD_Mix	HHDT	HHDT
Phase 0B Utility Relocation, and Temp.	8	30.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 1a Grading	20	110.00	590.00	0.00	14.70	20.00	20.00	LD_Mix	HHDT	HHDT
Phase 1a Mat Foundation	10	130.00	30.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 1a Garage to Radium Structure	18	120.00	120.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Phase 1b Structure	18	120.00	60.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 1a Garage to Radium Interior Build	13	120.00	60.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 2 Structure	18	120.00	60.00	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
Phase 3 Demo	11	40.00	40.00	0.00	14.70	20.00	20.00	LD_Mix	HHDT	HHDT
Phase 3 Grading	11	80.00	300.00	0.00	14.70	20.00	20.00	LD_Mix	HHDT	HHDT
Phase 3 Site Prep	3	40.00	20.00	0.00	14.70	100.00	20.00	LD_Mix	HHDT	HHDT
Phase 1b Interior Build	13	300.00	60.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 3 Structure	18	80.00	120.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 2 Interior Build	13	300.00	60.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Landscape/Hardscape	10	40.00	20.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Phase 3 Interior Build	13	100.00	60.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment
 Water Exposed Area

3.2 Phase 0 Demolition - 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					0.0974	0.0000	0.0974	0.0148	0.0000	0.0148						0.0000
Off-Road	0.1008	0.8519	1.0628	1.7800e-003		0.0440	0.0440		0.0418	0.0418						155.3277
Total	0.1008	0.8519	1.0628	1.7800e-003	0.0974	0.0440	0.1414	0.0148	0.0418	0.0566						155.3277

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	2.1400e-003	0.1392	0.0354	5.9000e-004	0.0174	8.3000e-004	0.0183	4.7800e-003	8.0000e-004	5.5800e-003						61.9015
Worker	2.9200e-003	2.3200e-003	0.0314	9.0000e-005	0.0101	6.0000e-005	0.0101	2.6800e-003	6.0000e-005	2.7300e-003						8.1928

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Vendor	1.0000e-004	3.6300e-003	1.3600e-003	2.0000e-005	5.7000e-004	2.0000e-005	5.8000e-004	1.6000e-004	2.0000e-005	1.8000e-004							1.7080
Worker	1.4300e-003	1.1300e-003	0.0154	4.0000e-005	4.9300e-003	3.0000e-005	4.9600e-003	1.3100e-003	3.0000e-005	1.3400e-003							4.0074
Total	1.5300e-003	4.7600e-003	0.0167	6.0000e-005	5.5000e-003	5.0000e-005	5.5400e-003	1.4700e-003	5.0000e-005	1.5200e-003							5.7153

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	0.0000	0.0000	0.0000	0.0000	0.0000							0.0000
Off-Road	4.2000e-003	0.0182	0.2588	4.0000e-004		5.6000e-004	5.6000e-004		5.6000e-004	5.6000e-004							34.5005
Total	4.2000e-003	0.0182	0.2588	4.0000e-004	0.0000	5.6000e-004	5.6000e-004	0.0000	5.6000e-004	5.6000e-004							34.5005

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000							0.0000
Vendor	1.0000e-004	3.6300e-003	1.3600e-003	2.0000e-005	5.7000e-004	2.0000e-005	5.8000e-004	1.6000e-004	2.0000e-005	1.8000e-004							1.7080
Worker	1.4300e-003	1.1300e-003	0.0154	4.0000e-005	4.9300e-003	3.0000e-005	4.9600e-003	1.3100e-003	3.0000e-005	1.3400e-003							4.0074
Total	1.5300e-003	4.7600e-003	0.0167	6.0000e-005	5.5000e-003	5.0000e-005	5.5400e-003	1.4700e-003	5.0000e-005	1.5200e-003							5.7153

3.4 Phase 1a Grading - 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					0.5241	0.0000	0.5241	0.1587	0.0000	0.1587							0.0000
Off-Road	0.1308	1.3022	1.0179	2.5600e-003		0.0520	0.0520		0.0480	0.0480							224.5104
Total	0.1308	1.3022	1.0179	2.5600e-003	0.5241	0.0520	0.5760	0.1587	0.0480	0.2067							224.5104

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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Category	tons/yr										MT/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
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0237	1.5415	0.3926	6.5600e-003	0.1929	9.2400e-003	0.2021	0.0530	8.8400e-003	0.0618						685.6871
Worker	6.6400e-003	5.2700e-003	0.0714	2.0000e-004	0.0229	1.4000e-004	0.0230	6.0800e-003	1.3000e-004	6.2100e-003						18.6119
Total	0.0303	1.5467	0.4640	6.7600e-003	0.2158	9.3800e-003	0.2252	0.0591	8.9700e-003	0.0680						704.2990

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
	tons/yr										MT/yr					
Fugitive Dust					0.2044	0.0000	0.2044	0.0619	0.0000	0.0619						0.0000
Off-Road	0.0408	0.1911	1.3470	2.5600e-003		6.3700e-003	6.3700e-003		6.3700e-003	6.3700e-003						224.5101
Total	0.0408	0.1911	1.3470	2.5600e-003	0.2044	6.3700e-003	0.2108	0.0619	6.3700e-003	0.0683						224.5101

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
	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0237	1.5415	0.3926	6.5600e-003	0.1929	9.2400e-003	0.2021	0.0530	8.8400e-003	0.0618						685.6871
Worker	6.6400e-003	5.2700e-003	0.0714	2.0000e-004	0.0229	1.4000e-004	0.0230	6.0800e-003	1.3000e-004	6.2100e-003						18.6119
Total	0.0303	1.5467	0.4640	6.7600e-003	0.2158	9.3800e-003	0.2252	0.0591	8.9700e-003	0.0680						704.2990

3.4 Phase 1a Grading - 2024

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
	tons/yr										MT/yr					
Fugitive Dust					0.7529	0.0000	0.7529	0.2845	0.0000	0.2845						0.0000
Off-Road	0.2519	2.4306	2.0205	5.1100e-003		0.0970	0.0970		0.0896	0.0896						449.0702
Total	0.2519	2.4306	2.0205	5.1100e-003	0.7529	0.0970	0.8499	0.2845	0.0896	0.3741						449.0702

Unmitigated Construction Off-Site

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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	tons/yr										MT/yr					
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

	ROG	NOx	CO	SO2	Fugitive 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	0.6954					0.0000	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						0.0000
Total	0.6954	0.0000	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	tons/yr										MT/yr					
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

3.10 Architectural Coating - 2026

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	1.3001					0.0000	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						0.0000

Sportsman Lodge Construction - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Total	1.3001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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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	tons/yr										MT/yr					
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

	ROG	NOx	CO	SO2	Fugitive 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	1.3001					0.0000	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						0.0000
Total	1.3001	0.0000	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	tons/yr										MT/yr					
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

3.11 Phase 3 Demo - 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					

Sportsman Lodge Construction - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Fugitive Dust					0.0221	0.0000	0.0221	3.3400e-003	0.0000	3.3400e-003						0.0000
Off-Road	0.0484	0.3962	0.5737	9.9000e-004		0.0184	0.0184		0.0175	0.0175						86.5402
Total	0.0484	0.3962	0.5737	9.9000e-004	0.0221	0.0184	0.0405	3.3400e-003	0.0175	0.0208						86.5402

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	1.7400e-003	0.1151	0.0303	4.7000e-004	0.0145	7.0000e-004	0.0152	3.9700e-003	6.7000e-004	4.6400e-003						49.7567
Worker	2.3300e-003	1.7000e-003	0.0249	8.0000e-005	9.2000e-003	5.0000e-005	9.2600e-003	2.4400e-003	5.0000e-005	2.4900e-003						7.1424
Total	4.0700e-003	0.1168	0.0553	5.5000e-004	0.0237	7.5000e-004	0.0244	6.4100e-003	7.2000e-004	7.1300e-003						56.8991

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					8.6000e-003	0.0000	8.6000e-003	1.3000e-003	0.0000	1.3000e-003						0.0000
Off-Road	0.0130	0.0698	0.6434	9.9000e-004		2.2000e-003	2.2000e-003		2.1600e-003	2.1600e-003						86.5401
Total	0.0130	0.0698	0.6434	9.9000e-004	8.6000e-003	2.2000e-003	0.0108	1.3000e-003	2.1600e-003	3.4600e-003						86.5401

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	1.7400e-003	0.1151	0.0303	4.7000e-004	0.0145	7.0000e-004	0.0152	3.9700e-003	6.7000e-004	4.6400e-003						49.7567
Worker	2.3300e-003	1.7000e-003	0.0249	8.0000e-005	9.2000e-003	5.0000e-005	9.2600e-003	2.4400e-003	5.0000e-005	2.4900e-003						7.1424
Total	4.0700e-003	0.1168	0.0553	5.5000e-004	0.0237	7.5000e-004	0.0244	6.4100e-003	7.2000e-004	7.1300e-003						56.8991

3.12 Phase 3 Grading - 2025

Unmitigated Construction On-Site

Sportsman Lodge Construction - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive 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					0.1640	0.0000	0.1640	0.0736	0.0000	0.0736							0.0000
Off-Road	0.0556	0.5023	0.5215	1.3300e-003		0.0201	0.0201		0.0186	0.0186							116.4591
Total	0.0556	0.5023	0.5215	1.3300e-003	0.1640	0.0201	0.1841	0.0736	0.0186	0.0922							116.4591

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000							0.0000
Vendor	0.0131	0.8631	0.2275	3.5600e-003	0.1084	5.2400e-003	0.1136	0.0298	5.0100e-003	0.0348							373.1755
Worker	4.6600e-003	3.3900e-003	0.0499	1.5000e-004	0.0184	1.0000e-004	0.0185	4.8900e-003	1.0000e-004	4.9800e-003							14.2847
Total	0.0177	0.8665	0.2773	3.7100e-003	0.1268	5.3400e-003	0.1322	0.0347	5.1100e-003	0.0398							387.4602

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					0.0639	0.0000	0.0639	0.0287	0.0000	0.0287							0.0000
Off-Road	0.0213	0.1029	0.7364	1.3300e-003		3.2200e-003	3.2200e-003		3.2200e-003	3.2200e-003							116.4590
Total	0.0213	0.1029	0.7364	1.3300e-003	0.0639	3.2200e-003	0.0672	0.0287	3.2200e-003	0.0319							116.4590

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000							0.0000
Vendor	0.0131	0.8631	0.2275	3.5600e-003	0.1084	5.2400e-003	0.1136	0.0298	5.0100e-003	0.0348							373.1755
Worker	4.6600e-003	3.3900e-003	0.0499	1.5000e-004	0.0184	1.0000e-004	0.0185	4.8900e-003	1.0000e-004	4.9800e-003							14.2847
Total	0.0177	0.8665	0.2773	3.7100e-003	0.1268	5.3400e-003	0.1322	0.0347	5.1100e-003	0.0398							387.4602

3.12 Phase 3 Grading - 2026

Sportsman Lodge Construction - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.13 Phase 3 Site Prep - 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					
Fugitive Dust					2.8000e-004	0.0000	2.8000e-004	4.0000e-005	0.0000	4.0000e-005						0.0000
Off-Road	9.3800e-003	0.0789	0.1178	2.4000e-004		3.5800e-003	3.5800e-003		3.2900e-003	3.2900e-003						21.0448
Total	9.3800e-003	0.0789	0.1178	2.4000e-004	2.8000e-004	3.5800e-003	3.8600e-003	4.0000e-005	3.2900e-003	3.3300e-003						21.0448

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	1.7100e-003	0.1651	0.0325	7.4000e-004	0.0232	1.1100e-003	0.0243	6.3700e-003	1.0600e-003	7.4400e-003						77.1610
Worker	1.5000e-003	1.0900e-003	0.0160	5.0000e-005	5.9200e-003	3.0000e-005	5.9500e-003	1.5700e-003	3.0000e-005	1.6000e-003						4.5915
Total	3.2100e-003	0.1662	0.0485	7.9000e-004	0.0291	1.1400e-003	0.0303	7.9400e-003	1.0900e-003	9.0400e-003						81.7525

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					1.1000e-004	0.0000	1.1000e-004	2.0000e-005	0.0000	2.0000e-005						0.0000
Off-Road	2.9300e-003	0.0127	0.1548	2.4000e-004		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004						21.0448
Total	2.9300e-003	0.0127	0.1548	2.4000e-004	1.1000e-004	3.9000e-004	5.0000e-004	2.0000e-005	3.9000e-004	4.1000e-004						21.0448

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	1.7100e-003	0.1651	0.0325	7.4000e-004	0.0232	1.1100e-003	0.0243	6.3700e-003	1.0600e-003	7.4400e-003						77.1610

Sportsman Lodge Construction - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Worker	1.5000e-003	1.0900e-003	0.0160	5.0000e-005	5.9200e-003	3.0000e-005	5.9500e-003	1.5700e-003	3.0000e-005	1.6000e-003							4.5915
Total	3.2100e-003	0.1662	0.0485	7.9000e-004	0.0291	1.1400e-003	0.0303	7.9400e-003	1.0900e-003	9.0400e-003							81.7525

3.13 Phase 3 Site Prep - 2026

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					2.8000e-004	0.0000	2.8000e-004	4.0000e-005	0.0000	4.0000e-005							0.0000
Off-Road	5.9100e-003	0.0497	0.0742	1.5000e-004		2.2500e-003	2.2500e-003		2.0700e-003	2.0700e-003							13.2505
Total	5.9100e-003	0.0497	0.0742	1.5000e-004	2.8000e-004	2.2500e-003	2.5300e-003	4.0000e-005	2.0700e-003	2.1100e-003							13.2505

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000							0.0000
Vendor	1.0600e-003	0.1028	0.0208	4.5000e-004	0.0146	7.0000e-004	0.0153	4.0100e-003	6.7000e-004	4.6800e-003							47.6524
Worker	8.9000e-004	6.2000e-004	9.4800e-003	3.0000e-005	3.7300e-003	2.0000e-005	3.7500e-003	9.9000e-004	2.0000e-005	1.0100e-003							2.8252
Total	1.9500e-003	0.1034	0.0303	4.8000e-004	0.0183	7.2000e-004	0.0191	5.0000e-003	6.9000e-004	5.6900e-003							50.4776

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					1.1000e-004	0.0000	1.1000e-004	2.0000e-005	0.0000	2.0000e-005							0.0000
Off-Road	1.8500e-003	8.0000e-003	0.0975	1.5000e-004		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004							13.2504
Total	1.8500e-003	8.0000e-003	0.0975	1.5000e-004	1.1000e-004	2.5000e-004	3.6000e-004	2.0000e-005	2.5000e-004	2.7000e-004							13.2504

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					

Sportsman Lodge Construction - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	1.0600e-003	0.1028	0.0208	4.5000e-004	0.0146	7.0000e-004	0.0153	4.0100e-003	6.7000e-004	4.6800e-003						47.6524
Worker	8.9000e-004	6.2000e-004	9.4800e-003	3.0000e-005	3.7300e-003	2.0000e-005	3.7500e-003	9.9000e-004	2.0000e-005	1.0100e-003						2.8252
Total	1.9500e-003	0.1034	0.0303	4.8000e-004	0.0183	7.2000e-004	0.0191	5.0000e-003	6.9000e-004	5.6900e-003						50.4776

3.14 Phase 1b Interior Build - 2026

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	0.1166	0.9851	1.3519	2.3400e-003		0.0410	0.0410		0.0394	0.0394						202.9755
Total	0.1166	0.9851	1.3519	2.3400e-003		0.0410	0.0410		0.0394	0.0394						202.9755

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	4.3200e-003	0.1664	0.0596	7.4000e-004	0.0263	8.1000e-004	0.0271	7.5900e-003	7.8000e-004	8.3600e-003						75.1363
Worker	0.0545	0.0382	0.5815	1.8100e-003	0.2285	1.2200e-003	0.2297	0.0607	1.1200e-003	0.0618						173.2535
Total	0.0588	0.2046	0.6411	2.5500e-003	0.2548	2.0300e-003	0.2568	0.0683	1.9000e-003	0.0702						248.3898

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	0.0333	0.2557	1.4263	2.3400e-003		6.1000e-003	6.1000e-003		5.9000e-003	5.9000e-003						202.9752
Total	0.0333	0.2557	1.4263	2.3400e-003		6.1000e-003	6.1000e-003		5.9000e-003	5.9000e-003						202.9752

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					

Sportsman Lodge Construction - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	4.3200e-003	0.1664	0.0596	7.4000e-004	0.0263	8.1000e-004	0.0271	7.5900e-003	7.8000e-004	8.3600e-003						75.1363
Worker	0.0545	0.0382	0.5815	1.8100e-003	0.2285	1.2200e-003	0.2297	0.0607	1.1200e-003	0.0618						173.2535
Total	0.0588	0.2046	0.6411	2.5500e-003	0.2548	2.0300e-003	0.2568	0.0683	1.9000e-003	0.0702						248.3898

3.15 Phase 3 Structure - 2026

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	0.2908	2.1362	2.6659	4.7300e-003		0.0906	0.0906		0.0882	0.0882							392.4647
Total	0.2908	2.1362	2.6659	4.7300e-003		0.0906	0.0906		0.0882	0.0882							392.4647

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000							0.0000
Vendor	0.0140	0.5409	0.1938	2.3900e-003	0.0855	2.6400e-003	0.0881	0.0247	2.5300e-003	0.0272							244.3280
Worker	0.0236	0.0166	0.2521	7.8000e-004	0.0991	5.3000e-004	0.0996	0.0263	4.9000e-004	0.0268							75.1181
Total	0.0377	0.5575	0.4459	3.1700e-003	0.1845	3.1700e-003	0.1877	0.0510	3.0200e-003	0.0540							319.4461

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	0.1290	0.7246	2.8110	4.7300e-003		0.0242	0.0242		0.0242	0.0242							392.4642
Total	0.1290	0.7246	2.8110	4.7300e-003		0.0242	0.0242		0.0242	0.0242							392.4642

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					

Sportsman Lodge Construction - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						0.0000
Vendor	0.0140	0.5409	0.1938	2.3900e-003	0.0855	2.6400e-003	0.0881	0.0247	2.5300e-003	0.0272						244.3280
Worker	0.0236	0.0166	0.2521	7.8000e-004	0.0991	5.3000e-004	0.0996	0.0263	4.9000e-004	0.0268						75.1181
Total	0.0377	0.5575	0.4459	3.1700e-003	0.1845	3.1700e-003	0.1877	0.0510	3.0200e-003	0.0540						319.4461

3.16 Phase 2 Interior Build - 2026

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	0.1192	1.0063	1.3811	2.3900e-003		0.0419	0.0419		0.0402	0.0402							207.3562
Total	0.1192	1.0063	1.3811	2.3900e-003		0.0419	0.0419		0.0402	0.0402							207.3562

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000							0.0000
Vendor	4.4100e-003	0.1699	0.0609	7.5000e-004	0.0269	8.3000e-004	0.0277	7.7500e-003	7.9000e-004	8.5400e-003							76.7579
Worker	0.0557	0.0391	0.5940	1.8400e-003	0.2334	1.2500e-003	0.2347	0.0620	1.1500e-003	0.0631							176.9928
Total	0.0601	0.2090	0.6549	2.5900e-003	0.2603	2.0800e-003	0.2623	0.0697	1.9400e-003	0.0717							253.7507

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	0.0340	0.2613	1.4571	2.3900e-003		6.2300e-003	6.2300e-003		6.0300e-003	6.0300e-003							207.3560
Total	0.0340	0.2613	1.4571	2.3900e-003		6.2300e-003	6.2300e-003		6.0300e-003	6.0300e-003							207.3560

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					

Sportsman Lodge Construction - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000							0.0000
Vendor	4.4100e-003	0.1699	0.0609	7.5000e-004	0.0269	8.3000e-004	0.0277	7.7500e-003	7.9000e-004	8.5400e-003							76.7579
Worker	0.0557	0.0391	0.5940	1.8400e-003	0.2334	1.2500e-003	0.2347	0.0620	1.1500e-003	0.0631							176.9928
Total	0.0601	0.2090	0.6549	2.5900e-003	0.2603	2.0800e-003	0.2623	0.0697	1.9400e-003	0.0717							253.7507

3.17 Landscape/Hardscape - 2026

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	0.0318	0.2869	0.3788	5.8000e-004		0.0143	0.0143		0.0134	0.0134							50.1922
Paving	0.0000					0.0000	0.0000		0.0000	0.0000							0.0000
Total	0.0318	0.2869	0.3788	5.8000e-004		0.0143	0.0143		0.0134	0.0134							50.1922

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000							0.0000
Vendor	4.5000e-004	0.0172	6.1500e-003	8.0000e-005	2.7100e-003	8.0000e-005	2.7900e-003	7.8000e-004	8.0000e-005	8.6000e-004							7.7479
Worker	2.2500e-003	1.5800e-003	0.0240	7.0000e-005	9.4200e-003	5.0000e-005	9.4700e-003	2.5000e-003	5.0000e-005	2.5500e-003							7.1462
Total	2.7000e-003	0.0187	0.0301	1.5000e-004	0.0121	1.3000e-004	0.0123	3.2800e-003	1.3000e-004	3.4100e-003							14.8941

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	0.0104	0.0632	0.4043	5.8000e-004		2.1100e-003	2.1100e-003		2.0700e-003	2.0700e-003							50.1922
Paving	0.0000					0.0000	0.0000		0.0000	0.0000							0.0000
Total	0.0104	0.0632	0.4043	5.8000e-004		2.1100e-003	2.1100e-003		2.0700e-003	2.0700e-003							50.1922

Mitigated Construction Off-Site

Sportsman Lodge Construction Mat Pour Day - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Sportsman Lodge Construction Mat Pour Day
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	1,390.00	Space	0.00	556,000.00	0
High Turnover (Sit Down Restaurant)	18.02	1000sqft	0.00	18,020.00	0
Apartments Mid Rise	520.00	Dwelling Unit	5.80	545,021.00	1241
Strip Mall	27.93	1000sqft	0.00	27,930.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	12			Operational Year	2027
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	539	CH4 Intensity (lb/MW hr)	0.049	N2O Intensity (lb/MW hr)	0.007

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Updated default CalEEMod LADWP Intensity Factor of 690.4 (2020) to 539 to account for Buildout Year RPS reduction.

Land Use - Project specific square footage and population consistent with LADOT VMT Calculator

Construction Phase - The Project requires 10 mat foundation pour days that would limit other onsite construction activities.

Off-road Equipment - Site Specific Equipment List

Off-road Equipment - Site Specific

Trips and VMT - Concrete Mat Pour Day

Construction Off-road Equipment Mitigation - Tier 4 Final

Table Name	Column Name	Default Value	New Value
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	230.00	10.00
tblLandUse	LandUseSquareFeet	520,000.00	545,021.00
tblLandUse	LotAcreage	12.51	0.00
tblLandUse	LotAcreage	0.41	0.00
tblLandUse	LotAcreage	13.68	5.80
tblLandUse	LotAcreage	0.64	0.00
tblLandUse	Population	1,487.00	1,241.00
tblOffRoadEquipment	OffRoadEquipmentType		Pumps
tblOffRoadEquipment	OffRoadEquipmentType		Plate Compactors
tblTripsAndVMT	VendorTripNumber	154.00	296.00
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	WorkerTripNumber	624.00	130.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

Year	ROG	NOx	CO	SO2	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					

Sportsman Lodge Existing - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Sportsman Lodge 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
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Parking Lot	587.00	Space	0.00	234,800.00	0
Hotel	200.00	Room	5.80	135,584.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	12	Operational Year		2021	
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW/hr)	690.4	CH4 Intensity (lb/MW/hr)	0.049	N2O Intensity (lb/MW/hr)	0.007

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Project specific square footage and population consistent with LADOT VMT Calculator
- Vehicle Trips - LADOT VMT Calculator Trips/VMT
- Energy Use - Existing Uses
- Stationary Sources - Emergency Generators and Fire Pumps -
- Area Mitigation -
- Water Mitigation -
- Waste Mitigation - County Diversion Rate

Table Name	Column Name	Default Value	New Value
tblEnergyUse	LightingElect	2.67	2.14
tblEnergyUse	LightingElect	0.88	0.35
tblEnergyUse	T24E	3.50	2.28
tblEnergyUse	T24NG	21.79	19.72
tblLandUse	LandUseSquareFeet	290,400.00	135,584.00
tblLandUse	LotAcreage	5.28	0.00
tblLandUse	LotAcreage	6.67	5.80
tblTripsAndVMT	HaulingTripNumber	900.00	0.00
tblVehicleTrips	CC_TL	8.40	8.95
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	8.19	0.00
tblVehicleTrips	ST_TR	0.00	268.00
tblVehicleTrips	SU_TR	5.95	0.00
tblVehicleTrips	SU_TR	0.00	138.00
tblVehicleTrips	WD_TR	8.36	0.00
tblVehicleTrips	WD_TR	0.00	1,416.00

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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Sportsman Lodge Existing - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Category	tons/yr										MT/yr					
	Area	0.5722	9.0000e-005	0.0101	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0196	0.0196	5.0000e-005	0.0000
Energy	0.0174	0.1581	0.1328	9.5000e-004		0.0120	0.0120		0.0120	0.0120	0.0000	508.1694	508.1694	0.0272	6.5600e-003	510.8038
Mobile	0.6275	0.8633	6.6676	0.0136	1.3089	0.0138	1.3227	0.3492	0.0129	0.3621	0.0000	1,254.9897	1,254.9897	0.0889	0.0575	1,274.3470
Waste						0.0000	0.0000		0.0000	0.0000	22.2275	0.0000	22.2275	1.3136	0.0000	55.0677
Water						0.0000	0.0000		0.0000	0.0000	1.6095	22.6487	24.2582	0.1669	4.1300e-003	29.6629
Total	1.2171	1.0215	6.8104	0.0145	1.3089	0.0258	1.3347	0.3492	0.0249	0.3741	23.8371	1,785.8274	1,809.6644	1.5967	0.0682	1,869.9023

Mitigated Operational

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					
Area	0.5722	9.0000e-005	0.0101	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0196	0.0196	5.0000e-005	0.0000	0.0209
Energy	0.0174	0.1581	0.1328	9.5000e-004		0.0120	0.0120		0.0120	0.0120	0.0000	508.1694	508.1694	0.0272	6.5600e-003	510.8038
Mobile	0.6275	0.8633	6.6676	0.0136	1.3089	0.0138	1.3227	0.3492	0.0129	0.3621	0.0000	1,254.9897	1,254.9897	0.0889	0.0575	1,274.3470
Waste						0.0000	0.0000		0.0000	0.0000	5.2457	0.0000	5.2457	0.3100	0.0000	12.9960
Water						0.0000	0.0000		0.0000	0.0000	1.6095	22.6487	24.2582	0.1669	4.1300e-003	29.6629
Total	1.2171	1.0215	6.8104	0.0145	1.3089	0.0258	1.3347	0.3492	0.0249	0.3741	6.8552	1,785.8274	1,792.6826	0.5931	0.0682	1,827.8306

	ROG	NOx	CO	SO2	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	71.24	0.00	0.94	62.86	0.00	2.25

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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					
Mitigated	0.6275	0.8633	6.6676	0.0136	1.3089	0.0138	1.3227	0.3492	0.0129	0.3621	0.0000	1,254.9897	1,254.9897	0.0889	0.0575	1,274.3470
Unmitigated	0.6275	0.8633	6.6676	0.0136	1.3089	0.0138	1.3227	0.3492	0.0129	0.3621	0.0000	1,254.9897	1,254.9897	0.0889	0.0575	1,274.3470

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Hotel	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
User Defined Commercial	1,416.00	268.00	138.00	3,483.984	3,483.984
Total	1,416.00	268.00	138.00	3,483.984	3,483.984

4.3 Trip Type Information

Sportsman Lodge Existing - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Total		0.0174	0.1581	0.1328	9.5000e-004		0.0120	0.0120		0.0120	0.0120	0.0000	172.0549	172.0549	3.3000e-003	3.1500e-003	173.0774

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Hotel	991119	310.3790	0.0220	3.1500e-003	311.8675
Parking Lot	82180	25.7355	1.8300e-003	2.6000e-004	25.8589
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		336.1145	0.0239	3.4100e-003	337.7264

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Hotel	991119	310.3790	0.0220	3.1500e-003	311.8675
Parking Lot	82180	25.7355	1.8300e-003	2.6000e-004	25.8589
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		336.1145	0.0239	3.4100e-003	337.7264

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	0.5722	9.0000e-005	0.0101	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0196	0.0196	5.0000e-005	0.0000	0.0209
Unmitigated	0.5722	9.0000e-005	0.0101	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0196	0.0196	5.0000e-005	0.0000	0.0209

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
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Sportsman Lodge Existing - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

SubCategory		tons/yr								MT/yr						
Architectural Coating	0.0661					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Consumer Products	0.5051					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Landscaping	9.4000e-004	9.0000e-005	0.0101	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0196	0.0196	5.0000e-005	0.0000	0.0209
Total	0.5722	9.0000e-005	0.0101	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0196	0.0196	5.0000e-005	0.0000	0.0209

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	0.0661					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5051					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	9.4000e-004	9.0000e-005	0.0101	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0196	0.0196	5.0000e-005	0.0000	0.0209
Total	0.5722	9.0000e-005	0.0101	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0196	0.0196	5.0000e-005	0.0000	0.0209

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	24.2582	0.1669	4.1300e-003	29.6629
Unmitigated	24.2582	0.1669	4.1300e-003	29.6629

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Hotel	5.07335 / 0.563706	24.2582	0.1669	4.1300e-003	29.6629
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		24.2582	0.1669	4.1300e-003	29.6629

Mitigated

Sportsman Lodge Existing - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e	
Land Use	Mgal	MT/yr			
Hotel	5.07335 / 0.563706	24.2582	0.1669	4.1300e-003	29.6629
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		24.2582	0.1669	4.1300e-003	29.6629

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	5.2457	0.3100	0.0000	12.9960
Unmitigated	22.2275	1.3136	0.0000	55.0677

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Hotel	109.5	22.2275	1.3136	0.0000	55.0677
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		22.2275	1.3136	0.0000	55.0677

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Hotel	25.842	5.2457	0.3100	0.0000	12.9960
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000

Sportsman Lodge Existing - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Total		5.2457	0.3100	0.0000	12.9960
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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

Sportsman Lodge No Project - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Sportsman Lodge No Project
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
Parking Lot	587.00	Space	0.00	234,800.00	0
Hotel	200.00	Room	5.80	135,584.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	12	Operational Year		2027	
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW/hr)	539	CH4 Intensity (lb/MW/hr)	0.049	N2O Intensity (lb/MW/hr)	0.007

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Updated default CalEEMod LADWP Intensity Factor of 690.4 (2020) to 539 to account for Buildout Year RPS reduction.

Land Use - Project specific square footage and population consistent with LADOT VMT Calculator

Vehicle Trips - LADOT VMT Calculator Trips/VMT

Energy Use - Existing Uses

Stationary Sources - Emergency Generators and Fire Pumps -

Area Mitigation -

Water Mitigation -

Waste Mitigation - County Diversion Rate

Table Name	Column Name	Default Value	New Value
tblEnergyUse	LightingElect	2.67	2.14
tblEnergyUse	LightingElect	0.88	0.35
tblEnergyUse	T24E	3.50	2.28
tblEnergyUse	T24NG	21.79	19.72
tblLandUse	LandUseSquareFeet	290,400.00	135,584.00
tblLandUse	LotAcreage	5.28	0.00
tblLandUse	LotAcreage	6.67	5.80
tblProjectCharacteristics	CO2IntensityFactor	690.4	539
tblTripsAndVMT	HaulingTripNumber	900.00	0.00
tblVehicleTrips	CC_TL	8.40	8.95
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	8.19	0.00
tblVehicleTrips	ST_TR	0.00	268.00
tblVehicleTrips	SU_TR	5.95	0.00
tblVehicleTrips	SU_TR	0.00	138.00
tblVehicleTrips	WD_TR	8.36	0.00
tblVehicleTrips	WD_TR	0.00	1,416.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive 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	0.5721	9.0000e-005	0.0100	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0196	0.0196	5.0000e-005	0.0000	0.0208
Energy	0.0174	0.1581	0.1328	9.5000e-004		0.0120	0.0120		0.0120	0.0120	0.0000	434.4618	434.4618	0.0272	6.5600e-003	437.0962
Mobile	0.5092	0.5470	5.1520	0.0113	1.3092	8.1000e-003	1.3173	0.3493	7.5200e-003	0.3569	0.0000	1,089.9381	1,089.9381	0.0732	0.0457	1,105.3784
Waste						0.0000	0.0000		0.0000	0.0000	22.2275	0.0000	22.2275	1.3136	0.0000	55.0677
Water						0.0000	0.0000		0.0000	0.0000	1.6095	17.6820	19.2915	0.1669	4.1300e-003	24.6962
Total	1.0987	0.7051	5.2948	0.0123	1.3092	0.0202	1.3294	0.3493	0.0196	0.3689	23.8371	1,542.1015	1,565.9385	1.5809	0.0564	1,622.2593

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	0.5721	9.0000e-005	0.0100	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0196	0.0196	5.0000e-005	0.0000	0.0208
Energy	0.0174	0.1581	0.1328	9.5000e-004		0.0120	0.0120		0.0120	0.0120	0.0000	434.4618	434.4618	0.0272	6.5600e-003	437.0962
Mobile	0.5092	0.5470	5.1520	0.0113	1.3092	8.1000e-003	1.3173	0.3493	7.5200e-003	0.3569	0.0000	1,089.9381	1,089.9381	0.0732	0.0457	1,105.3784
Waste						0.0000	0.0000		0.0000	0.0000	5.2457	0.0000	5.2457	0.3100	0.0000	12.9960
Water						0.0000	0.0000		0.0000	0.0000	1.6095	17.6820	19.2915	0.1669	4.1300e-003	24.6962
Total	1.0987	0.7051	5.2948	0.0123	1.3092	0.0202	1.3294	0.3493	0.0196	0.3689	6.8552	1,542.1015	1,548.9567	0.5773	0.0564	1,580.1876

	ROG	NOx	CO	SO2	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	71.24	0.00	1.08	63.48	0.00	2.59

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	0.5092	0.5470	5.1520	0.0113	1.3092	8.1000e-003	1.3173	0.3493	7.5200e-003	0.3569	0.0000	1,089.9381	1,089.9381	0.0732	0.0457	1,105.3784
Unmitigated	0.5092	0.5470	5.1520	0.0113	1.3092	8.1000e-003	1.3173	0.3493	7.5200e-003	0.3569	0.0000	1,089.9381	1,089.9381	0.0732	0.0457	1,105.3784

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Hotel	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
User Defined Commercial	1,416.00	268.00	138.00	3,483.984	3,483.984
Total	1,416.00	268.00	138.00	3,483.984	3,483.984

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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
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
User Defined Commercial	0.00	8.95	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
Hotel	0.535658	0.065965	0.190922	0.126434	0.023737	0.006642	0.011305	0.008056	0.000938	0.000585	0.025742	0.000711	0.003305
Parking Lot	0.535658	0.065965	0.190922	0.126434	0.023737	0.006642	0.011305	0.008056	0.000938	0.000585	0.025742	0.000711	0.003305
User Defined Commercial	0.535658	0.065965	0.190922	0.126434	0.023737	0.006642	0.011305	0.008056	0.000938	0.000585	0.025742	0.000711	0.003305

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

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						0.0000	0.0000		0.0000	0.0000	0.0000	262.4069	262.4069	0.0239	3.4100e-003	264.0188
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	262.4069	262.4069	0.0239	3.4100e-003	264.0188
NaturalGas Mitigated	0.0174	0.1581	0.1328	9.5000e-004		0.0120	0.0120		0.0120	0.0120	0.0000	172.0549	172.0549	3.3000e-003	3.1500e-003	173.0774
NaturalGas Unmitigated	0.0174	0.1581	0.1328	9.5000e-004		0.0120	0.0120		0.0120	0.0120	0.0000	172.0549	172.0549	3.3000e-003	3.1500e-003	173.0774

5.2 Energy by Land Use - NaturalGas

Unmitigated

Land Use	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
	kBTU/yr	tons/yr										MT/yr					
Hotel	3.22419e+006	0.0174	0.1581	0.1328	9.5000e-004		0.0120	0.0120		0.0120	0.0120	0.0000	172.0549	172.0549	3.3000e-003	3.1500e-003	173.0774
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0174	0.1581	0.1328	9.5000e-004		0.0120	0.0120		0.0120	0.0120	0.0000	172.0549	172.0549	3.3000e-003	3.1500e-003	173.0774

Mitigated

Land Use	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
	kBTU/yr	tons/yr										MT/yr					
Hotel	3.22419e+006	0.0174	0.1581	0.1328	9.5000e-004		0.0120	0.0120		0.0120	0.0120	0.0000	172.0549	172.0549	3.3000e-003	3.1500e-003	173.0774

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Parking Lot	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0174	0.1581	0.1328	9.5000e-004		0.0120	0.0120		0.0120	0.0120	0.0000	172.0549	172.0549	3.3000e-003	3.1500e-003	173.0774

5.3 Energy by Land Use - Electricity

Unmitigated

Land Use	Electricity Use kWh/yr	Total CO2	CH4	N2O	CO2e
		MT/yr			
Hotel	991119	242.3150	0.0220	3.1500e-003	243.8035
Parking Lot	82180	20.0919	1.8300e-003	2.6000e-004	20.2153
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		262.4069	0.0239	3.4100e-003	264.0188

Mitigated

Land Use	Electricity Use kWh/yr	Total CO2	CH4	N2O	CO2e
		MT/yr			
Hotel	991119	242.3150	0.0220	3.1500e-003	243.8035
Parking Lot	82180	20.0919	1.8300e-003	2.6000e-004	20.2153
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		262.4069	0.0239	3.4100e-003	264.0188

6.0 Area Detail

6.1 Mitigation Measures Area

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					
Mitigated	0.5721	9.0000e-005	0.0100	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0196	0.0196	5.0000e-005	0.0000	0.0208
Unmitigated	0.5721	9.0000e-005	0.0100	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0196	0.0196	5.0000e-005	0.0000	0.0208

6.2 Area by SubCategory

Unmitigated

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	ROG	NOx	CO	SO2	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	0.0661					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5051					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	9.2000e-004	9.0000e-005	0.0100	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0196	0.0196	5.0000e-005	0.0000	0.0208
Total	0.5721	9.0000e-005	0.0100	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0196	0.0196	5.0000e-005	0.0000	0.0208

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	0.0661					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5051					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	9.2000e-004	9.0000e-005	0.0100	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0196	0.0196	5.0000e-005	0.0000	0.0208
Total	0.5721	9.0000e-005	0.0100	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0196	0.0196	5.0000e-005	0.0000	0.0208

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	19.2915	0.1669	4.1300e-003	24.6962
Unmitigated	19.2915	0.1669	4.1300e-003	24.6962

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Hotel	5.07335 / 0.563706	19.2915	0.1669	4.1300e-003	24.6962
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		19.2915	0.1669	4.1300e-003	24.6962

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Mitigated

Indoor/Out door Use	Total CO2	CH4	N2O	CO2e	
Land Use	Mgal	MT/yr			
Hotel	5.07335 / 0.563706	19.2915	0.1669	4.1300e-003	24.6962
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		19.2915	0.1669	4.1300e-003	24.6962

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	5.2457	0.3100	0.0000	12.9960
Unmitigated	22.2275	1.3136	0.0000	55.0677

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Hotel	109.5	22.2275	1.3136	0.0000	55.0677
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		22.2275	1.3136	0.0000	55.0677

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Hotel	25.842	5.2457	0.3100	0.0000	12.9960
Parking Lot	0	0.0000	0.0000	0.0000	0.0000

Sportsman Lodge No Project - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

User Defined	0	0.0000	0.0000	0.0000	0.0000
Commercial					
Total		5.2457	0.3100	0.0000	12.9960

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

Sportsman Lodge Construction and Buildout Operations - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Sportsman Lodge Buildout Operations
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	1,390.00	Space	0.00	556,000.00	0
High Turnover (Sit Down Restaurant)	18.02	1000sqft	0.00	18,020.00	0
Apartments Mid Rise	520.00	Dwelling Unit	5.80	545,021.00	1241
Strip Mall	27.93	1000sqft	0.00	27,930.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	12			Operational Year	2027
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	539	CH4 Intensity (lb/MW hr)	0.049	N2O Intensity (lb/MW hr)	0.007

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Updated default CalEEMod LADWP Intensity Factor of 690.4 (2020) to 539 to account for Buildout Year RPS reduction.

Land Use - Project specific square footage and population consistent with LADOT VMT Calculator

Vehicle Trips - LADOT VMT Calculator Trips/VMT

Energy Use - Consistency with Section 120.6(c) requirements. See calculations in AQ Appendix.

Stationary Sources - Emergency Generators and Fire Pumps -

Area Mitigation -

Water Mitigation -

Waste Mitigation - County Diversion Rate

Table Name	Column Name	Default Value	New Value
tblEnergyUse	T24E	3.50	0.41
tblLandUse	LandUseSquareFeet	520,000.00	545,021.00
tblLandUse	LotAcreage	12.51	0.00
tblLandUse	LotAcreage	0.41	0.00
tblLandUse	LotAcreage	13.68	5.80
tblLandUse	LotAcreage	0.64	0.00
tblLandUse	Population	1,487.00	1,241.00
tblProjectCharacteristics	CO2IntensityFactor	690.4	539
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	500.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	0.25
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	12.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblVehicleTrips	CC_TL	8.40	9.11
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	ST_TR	122.40	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	ST_TR	0.00	5,904.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	SU_TR	142.64	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	SU_TR	0.00	5,477.00
tblVehicleTrips	WD_TR	5.44	0.00

Sportsman Lodge Construction and Buildout Operations - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblVehicleTrips	WD_TR	112.18	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblVehicleTrips	WD_TR	0.00	5,751.00

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	4.2367	0.1967	8.6814	8.7200e-003		0.5263	0.5263		0.5263	0.5263	55.2339	114.9360	170.1699	0.1732	3.7500e-003	175.6170
Energy	0.0528	0.4635	0.2825	2.8800e-003		0.0365	0.0365		0.0365	0.0365	0.0000	1,611.2806	1,611.2806	0.1090	0.0237	1,621.0738
Mobile	2.7555	2.9717	27.8636	0.0618	7.1450	0.0438	7.1888	1.9064	0.0407	1.9471	0.0000	5,725.2189	5,725.2189	0.3978	0.2484	5,809.1876
Stationary	4.9200e-003	0.0138	0.0126	2.0000e-005		7.2000e-004	7.2000e-004		7.2000e-004	7.2000e-004	0.0000	2.2848	2.2848	3.2000e-004	0.0000	2.2928
Waste						0.0000	0.0000		0.0000	0.0000	98.0386	0.0000	98.0386	5.7939	0.0000	242.8864
Water						0.0000	0.0000		0.0000	0.0000	13.1402	194.2636	207.4038	1.3673	0.0344	251.8344
Total	7.0499	3.6456	36.8400	0.0735	7.1450	0.6073	7.7523	1.9064	0.6042	2.5106	166.4127	7,647.9838	7,814.3965	7.8415	0.3103	8,102.8919

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	2.5335	0.0619	5.3758	2.8000e-004		0.0298	0.0298		0.0298	0.0298	0.0000	8.7954	8.7954	8.4800e-003	0.0000	9.0074
Energy	0.0528	0.4635	0.2825	2.8800e-003		0.0365	0.0365		0.0365	0.0365	0.0000	1,611.2806	1,611.2806	0.1090	0.0237	1,621.0738
Mobile	2.7555	2.9717	27.8636	0.0618	7.1450	0.0438	7.1888	1.9064	0.0407	1.9471	0.0000	5,725.2189	5,725.2189	0.3978	0.2484	5,809.1876
Stationary	4.9200e-003	0.0138	0.0126	2.0000e-005		7.2000e-004	7.2000e-004		7.2000e-004	7.2000e-004	0.0000	2.2848	2.2848	3.2000e-004	0.0000	2.2928
Waste						0.0000	0.0000		0.0000	0.0000	23.1371	0.0000	23.1371	1.3674	0.0000	57.3212
Water						0.0000	0.0000		0.0000	0.0000	10.5122	155.4109	165.9231	1.0938	0.0275	201.4675
Total	5.3467	3.5108	33.5344	0.0650	7.1450	0.1108	7.2557	1.9064	0.1077	2.0141	33.6493	7,502.9905	7,536.6398	2.9768	0.2996	7,700.3502

	ROG	NOx	CO	SO2	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	24.16	3.70	8.97	11.49	0.00	81.76	6.40	0.00	82.18	19.78	79.78	1.90	3.55	62.04	3.43	4.97

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Sportsman Lodge Construction and Buildout Operations - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive 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	2.7555	2.9717	27.8636	0.0618	7.1450	0.0438	7.1888	1.9064	0.0407	1.9471	0.0000	5,725.2189	5,725.2189	0.3978	0.2484	5,809.1876
Unmitigated	2.7555	2.9717	27.8636	0.0618	7.1450	0.0438	7.1888	1.9064	0.0407	1.9471	0.0000	5,725.2189	5,725.2189	0.3978	0.2484	5,809.1876

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Apartments Mid 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		
User Defined Commercial	5,751.00	5,904.00	5,477.00	19,013,226	19,013,226
Total	5,751.00	5,904.00	5,477.00	19,013,226	19,013,226

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
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
High Turnover (Sit Down Restaurant)	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15
User Defined Commercial	0.00	9.11	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 Mid Rise	0.535658	0.065965	0.190922	0.126434	0.023737	0.006642	0.011305	0.008056	0.000938	0.000585	0.025742	0.000711	0.003305
Enclosed Parking with Elevator	0.535658	0.065965	0.190922	0.126434	0.023737	0.006642	0.011305	0.008056	0.000938	0.000585	0.025742	0.000711	0.003305
High Turnover (Sit Down Restaurant)	0.535658	0.065965	0.190922	0.126434	0.023737	0.006642	0.011305	0.008056	0.000938	0.000585	0.025742	0.000711	0.003305
Strip Mall	0.535658	0.065965	0.190922	0.126434	0.023737	0.006642	0.011305	0.008056	0.000938	0.000585	0.025742	0.000711	0.003305
User Defined Commercial	0.535658	0.065965	0.190922	0.126434	0.023737	0.006642	0.011305	0.008056	0.000938	0.000585	0.025742	0.000711	0.003305

5.0 Energy Detail

Historical Energy Use: N

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						0.0000	0.0000		0.0000	0.0000	0.0000	1,088.8529	1,088.8529	0.0990	0.0141	1,095.5415
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,088.8529	1,088.8529	0.0990	0.0141	1,095.5415
NaturalGas Mitigated	0.0528	0.4635	0.2825	2.8800e-003		0.0365	0.0365		0.0365	0.0365	0.0000	522.4277	522.4277	0.0100	9.5800e-003	525.5322
NaturalGas Unmitigated	0.0528	0.4635	0.2825	2.8800e-003		0.0365	0.0365		0.0365	0.0365	0.0000	522.4277	522.4277	0.0100	9.5800e-003	525.5322

5.2 Energy by Land Use - NaturalGas

Unmitigated

Sportsman Lodge Construction and Buildout Operations - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	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 Mid Rise	5.59385e+006	0.0302	0.2578	0.1097	1.6500e-003		0.0208	0.0208		0.0208	0.0208	0.0000	298.5093	298.5093	5.7200e-003	5.4700e-003	300.2832
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	4.15055e+006	0.0224	0.2035	0.1709	1.2200e-003		0.0155	0.0155		0.0155	0.0155	0.0000	221.4890	221.4890	4.2500e-003	4.0600e-003	222.8052
Strip Mall	45525.9	2.5000e-004	2.2300e-003	1.8700e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	2.4294	2.4294	5.0000e-005	4.0000e-005	2.4439
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0528	0.4635	0.2825	2.8800e-003		0.0365	0.0365		0.0365	0.0365	0.0000	522.4277	522.4277	0.0100	9.5700e-003	525.5322

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 Mid Rise	5.59385e+006	0.0302	0.2578	0.1097	1.6500e-003		0.0208	0.0208		0.0208	0.0208	0.0000	298.5093	298.5093	5.7200e-003	5.4700e-003	300.2832
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	4.15055e+006	0.0224	0.2035	0.1709	1.2200e-003		0.0155	0.0155		0.0155	0.0155	0.0000	221.4890	221.4890	4.2500e-003	4.0600e-003	222.8052
Strip Mall	45525.9	2.5000e-004	2.2300e-003	1.8700e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	2.4294	2.4294	5.0000e-005	4.0000e-005	2.4439
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0528	0.4635	0.2825	2.8800e-003		0.0365	0.0365		0.0365	0.0365	0.0000	522.4277	522.4277	0.0100	9.5700e-003	525.5322

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	2.00227e+006	489.5264	0.0445	6.3600e-003	492.5335
Enclosed Parking with Elevator	1.3066e+006	319.4458	0.0290	4.1500e-003	321.4081
High Turnover (Sit Down Restaurant)	779725	190.6322	0.0173	2.4800e-003	191.8032
Strip Mall	365045	89.2485	8.1100e-003	1.1600e-003	89.7968
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		1,088.8529	0.0990	0.0142	1,095.5415

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Apartments Mid Rise	2.00227e+006	489.5264	0.0445	6.3600e-003	492.5335
Enclosed Parking with Elevator	1.3066e+006	319.4458	0.0290	4.1500e-003	321.4081
High Turnover (Sit Down Restaurant)	779725	190.6322	0.0173	2.4800e-003	191.8032
Strip Mall	365045	89.2485	8.1100e-003	1.1600e-003	89.7968
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		1,088.8529	0.0990	0.0142	1,095.5415

6.0 Area Detail

6.1 Mitigation Measures Area

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive 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	2.5335	0.0619	5.3758	2.8000e-004		0.0298	0.0298		0.0298	0.0298	0.0000	8.7954	8.7954	8.4800e-003	0.0000	9.0074
Unmitigated	4.2367	0.1967	8.6814	8.7200e-003		0.5263	0.5263		0.5263	0.5263	55.2339	114.9360	170.1699	0.1732	3.7500e-003	175.6170

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	0.1996					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.1714					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1.7032	0.1349	3.3056	8.4300e-003		0.4965	0.4965		0.4965	0.4965	55.2339	106.1406	161.3745	0.1647	3.7500e-003	166.6097
Landscaping	0.1625	0.0619	5.3758	2.8000e-004		0.0298	0.0298		0.0298	0.0298	0.0000	8.7954	8.7954	8.4800e-003	0.0000	9.0074
Total	4.2367	0.1967	8.6814	8.7100e-003		0.5263	0.5263		0.5263	0.5263	55.2339	114.9360	170.1699	0.1732	3.7500e-003	175.6170

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	0.1996					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.1714					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1625	0.0619	5.3758	2.8000e-004		0.0298	0.0298		0.0298	0.0298	0.0000	8.7954	8.7954	8.4800e-003	0.0000	9.0074

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Total	2.5335	0.0619	5.3758	2.8000e-004		0.0298	0.0298		0.0298	0.0298	0.0000	8.7954	8.7954	8.4800e-003	0.0000	9.0074
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7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	165.9231	1.0938	0.0275	201.4675
Unmitigated	207.4038	1.3673	0.0344	251.8344

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	33.8801 / 21.3592	176.6211	1.1191	0.0282	213.0077
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	5.46968 / 0.349128	20.0961	0.1799	4.4500e-003	25.9187
Strip Mall	2.06885 / 1.268	10.6886	0.0683	1.7200e-003	12.9079
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		207.4038	1.3673	0.0344	251.8344

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	27.1041 / 17.0874	141.2969	0.8953	0.0226	170.4062
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	4.37574 / 0.279303	16.0769	0.1439	3.5600e-003	20.7350
Strip Mall	1.65508 / 1.0144	8.5493	0.0547	1.3800e-003	10.3263
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		165.9231	1.0938	0.0275	201.4675

8.0 Waste Detail

Sportsman Lodge Construction and Buildout Operations - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	23.1371	1.3674	0.0000	57.3212
Unmitigated	98.0386	5.7939	0.0000	242.8864

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	239.2	48.5554	2.8695	0.0000	120.2940
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant):	214.44	43.5294	2.5725	0.0000	107.8422
Strip Mall	29.33	5.9537	0.3519	0.0000	14.7501
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		98.0385	5.7939	0.0000	242.8863

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	56.4512	11.4591	0.6772	0.0000	28.3894
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant):	50.6078	10.2729	0.6071	0.0000	25.4508
Strip Mall	6.92188	1.4051	0.0830	0.0000	3.4810
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		23.1371	1.3674	0.0000	57.3212

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

Sportsman Lodge Construction and Buildout Operations - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0.25	12	500	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										MT/yr					
Emergency Generator - Diesel	4.9200e-003	0.0138	0.0126	2.0000e-005	7.2000e-004	7.2000e-004	7.2000e-004	7.2000e-004	7.2000e-004	7.2000e-004	0.0000	2.2848	2.2848	3.2000e-004	0.0000	2.2928
Total	4.9200e-003	0.0138	0.0126	2.0000e-005	7.2000e-004	7.2000e-004	7.2000e-004	7.2000e-004	7.2000e-004	7.2000e-004	0.0000	2.2848	2.2848	3.2000e-004	0.0000	2.2928

11.0 Vegetation

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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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	1,390.00	Space	0.00	556,000.00	0
High Turnover (Sit Down Restaurant)	18.02	1000sqft	0.00	18,020.00	0
Apartments Mid Rise	520.00	Dwelling Unit	5.80	545,021.00	1241
Strip Mall	27.93	1000sqft	0.00	27,930.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	12			Operational Year	2027
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	539	CH4 Intensity (lb/MW hr)	0.049	N2O Intensity (lb/MW hr)	0.007

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Updated default CalEEMod LADWP Intensity Factor of 690.4 (2020) to 539 to account for Buildout Year RPS reduction.

Land Use - Project specific square footage and population consistent with LADOT VMT Calculator

Vehicle Trips - LADOT VMT Calculator Trips/VMT

Energy Use - Consistency with Section 120.6(c) requirements. See calculations in AQ Appendix.

Stationary Sources - Emergency Generators and Fire Pumps -

Area Mitigation -

Water Mitigation -

Waste Mitigation - County Diversion Rate

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	520,000.00	545,021.00
tblLandUse	LotAcreage	12.51	0.00
tblLandUse	LotAcreage	0.41	0.00
tblLandUse	LotAcreage	13.68	5.80
tblLandUse	LotAcreage	0.64	0.00
tblLandUse	Population	1,487.00	1,241.00
tblProjectCharacteristics	CO2IntensityFactor	690.4	539
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	500.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	0.25
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	12.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblVehicleTrips	CC_TL	8.40	9.08
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	ST_TR	122.40	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	ST_TR	0.00	6,750.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	SU_TR	142.64	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	SU_TR	0.00	6,263.00
tblVehicleTrips	WD_TR	5.44	0.00
tblVehicleTrips	WD_TR	112.18	0.00

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tblVehicleTrips	WD_TR	44.32	0.00
tblVehicleTrips	WD_TR	0.00	6,576.00

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	4.2367	0.1967	8.6814	8.7200e-003		0.5263	0.5263		0.5263	0.5263	55.2339	114.9360	170.1699	0.1732	3.7500e-003	175.6170
Energy	0.0528	0.4635	0.2825	2.8800e-003		0.0365	0.0365		0.0365	0.0365	0.0000	1,611.2806	1,611.2806	0.1090	0.0237	1,621.0738
Mobile	3.1447	3.3889	31.7735	0.0705	8.1429	0.0499	8.1928	2.1727	0.0464	2.2191	0.0000	6,525.3371	6,525.3371	0.4537	0.2833	6,621.0957
Stationary	4.9200e-003	0.0138	0.0126	2.0000e-005		7.2000e-004	7.2000e-004		7.2000e-004	7.2000e-004	0.0000	2.2848	2.2848	3.2000e-004	0.0000	2.2928
Waste						0.0000	0.0000		0.0000	0.0000	98.0386	0.0000	98.0386	5.7939	0.0000	242.8864
Water						0.0000	0.0000		0.0000	0.0000	13.1402	194.2636	207.4038	1.3673	0.0344	251.8344
Total	7.4391	4.0629	40.7499	0.0821	8.1429	0.6135	8.7564	2.1727	0.6099	2.7826	166.4127	8,448.1020	8,614.5147	7.8974	0.3451	8,914.8000

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	2.5449	0.1589	5.4171	9.0000e-004		0.0376	0.0376		0.0376	0.0376	0.0000	121.1795	121.1795	0.0106	2.0600e-003	122.0594
Energy	0.0528	0.4635	0.2825	2.8800e-003		0.0365	0.0365		0.0365	0.0365	0.0000	1,611.2806	1,611.2806	0.1090	0.0237	1,621.0738
Mobile	3.1447	3.3889	31.7735	0.0705	8.1429	0.0499	8.1928	2.1727	0.0464	2.2191	0.0000	6,525.3371	6,525.3371	0.4537	0.2833	6,621.0957
Stationary	4.9200e-003	0.0138	0.0126	2.0000e-005		7.2000e-004	7.2000e-004		7.2000e-004	7.2000e-004	0.0000	2.2848	2.2848	3.2000e-004	0.0000	2.2928
Waste						0.0000	0.0000		0.0000	0.0000	23.1371	0.0000	23.1371	1.3674	0.0000	57.3212
Water						0.0000	0.0000		0.0000	0.0000	10.5122	155.4109	165.9231	1.0938	0.0275	201.4675
Total	5.7473	4.0250	37.4856	0.0743	8.1429	0.1248	8.2677	2.1727	0.1212	2.2939	33.6493	8,415.4929	8,449.1422	3.0348	0.3366	8,625.3103

	ROG	NOx	CO	SO2	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	22.74	0.93	8.01	9.52	0.00	79.66	5.58	0.00	80.13	17.56	79.78	0.39	1.92	61.57	2.48	3.25

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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	ROG	NOx	CO	SO2	Fugitive 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	3.1447	3.3889	31.7735	0.0705	8.1429	0.0499	8.1928	2.1727	0.0464	2.2191	0.0000	6,525.3371	6,525.3371	0.4537	0.2833	6,621.0957
Unmitigated	3.1447	3.3889	31.7735	0.0705	8.1429	0.0499	8.1928	2.1727	0.0464	2.2191	0.0000	6,525.3371	6,525.3371	0.4537	0.2833	6,621.0957

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Apartments Mid 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		
User Defined Commercial	6,576.00	6,750.00	6,263.00	21,668,839	21,668,839
Total	6,576.00	6,750.00	6,263.00	21,668,839	21,668,839

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
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
High Turnover (Sit Down Restaurant)	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15
User Defined Commercial	0.00	9.08	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 Mid Rise	0.535658	0.065965	0.190922	0.126434	0.023737	0.006642	0.011305	0.008056	0.000938	0.000585	0.025742	0.000711	0.003305
Enclosed Parking with Elevator	0.535658	0.065965	0.190922	0.126434	0.023737	0.006642	0.011305	0.008056	0.000938	0.000585	0.025742	0.000711	0.003305
High Turnover (Sit Down Restaurant)	0.535658	0.065965	0.190922	0.126434	0.023737	0.006642	0.011305	0.008056	0.000938	0.000585	0.025742	0.000711	0.003305
Strip Mall	0.535658	0.065965	0.190922	0.126434	0.023737	0.006642	0.011305	0.008056	0.000938	0.000585	0.025742	0.000711	0.003305
User Defined Commercial	0.535658	0.065965	0.190922	0.126434	0.023737	0.006642	0.011305	0.008056	0.000938	0.000585	0.025742	0.000711	0.003305

5.0 Energy Detail

Historical Energy Use: N

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						0.0000	0.0000		0.0000	0.0000	0.0000	1,088.8529	1,088.8529	0.0990	0.0141	1,095.5415
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,088.8529	1,088.8529	0.0990	0.0141	1,095.5415
NaturalGas Mitigated	0.0528	0.4635	0.2825	2.8800e-003		0.0365	0.0365		0.0365	0.0365	0.0000	522.4277	522.4277	0.0100	9.5800e-003	525.5322
NaturalGas Unmitigated	0.0528	0.4635	0.2825	2.8800e-003		0.0365	0.0365		0.0365	0.0365	0.0000	522.4277	522.4277	0.0100	9.5800e-003	525.5322

5.2 Energy by Land Use - NaturalGas

Unmitigated

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	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 Mid Rise	5.59385e+006	0.0302	0.2578	0.1097	1.6500e-003		0.0208	0.0208		0.0208	0.0208	0.0000	298.5093	298.5093	5.7200e-003	5.4700e-003	300.2832
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	4.15055e+006	0.0224	0.2035	0.1709	1.2200e-003		0.0155	0.0155		0.0155	0.0155	0.0000	221.4890	221.4890	4.2500e-003	4.0600e-003	222.8052
Strip Mall	45525.9	2.5000e-004	2.2300e-003	1.8700e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	2.4294	2.4294	5.0000e-005	4.0000e-005	2.4439
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0528	0.4635	0.2825	2.8800e-003		0.0365	0.0365		0.0365	0.0365	0.0000	522.4277	522.4277	0.0100	9.5700e-003	525.5322

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 Mid Rise	5.59385e+006	0.0302	0.2578	0.1097	1.6500e-003		0.0208	0.0208		0.0208	0.0208	0.0000	298.5093	298.5093	5.7200e-003	5.4700e-003	300.2832
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	4.15055e+006	0.0224	0.2035	0.1709	1.2200e-003		0.0155	0.0155		0.0155	0.0155	0.0000	221.4890	221.4890	4.2500e-003	4.0600e-003	222.8052
Strip Mall	45525.9	2.5000e-004	2.2300e-003	1.8700e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	2.4294	2.4294	5.0000e-005	4.0000e-005	2.4439
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0528	0.4635	0.2825	2.8800e-003		0.0365	0.0365		0.0365	0.0365	0.0000	522.4277	522.4277	0.0100	9.5700e-003	525.5322

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	2.00227e+006	489.5264	0.0445	6.3600e-003	492.5335
Enclosed Parking with Elevator	1.3066e+006	319.4458	0.0290	4.1500e-003	321.4081
High Turnover (Sit Down Restaurant)	779725	190.6322	0.0173	2.4800e-003	191.8032
Strip Mall	365045	89.2485	8.1100e-003	1.1600e-003	89.7968
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		1,088.8529	0.0990	0.0142	1,095.5415

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			

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Apartments Mid Rise	2.00227e+006	489.5264	0.0445	6.3600e-003	492.5335
Enclosed Parking with Elevator	1.3066e+006	319.4458	0.0290	4.1500e-003	321.4081
High Turnover (Sit Down Restaurant)	779725	190.6322	0.0173	2.4800e-003	191.8032
Strip Mall	365045	89.2485	8.1100e-003	1.1600e-003	89.7968
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		1,088.8529	0.0990	0.0142	1,095.5415

6.0 Area Detail

6.1 Mitigation Measures Area

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive 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	2.5449	0.1589	5.4171	9.0000e-004		0.0376	0.0376		0.0376	0.0376	0.0000	121.1795	121.1795	0.0106	2.0600e-003	122.0594
Unmitigated	4.2367	0.1967	8.6814	8.7200e-003		0.5263	0.5263		0.5263	0.5263	55.2339	114.9360	170.1699	0.1732	3.7500e-003	175.6170

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	0.1996					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.1714					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1.7032	0.1349	3.3056	8.4300e-003		0.4965	0.4965		0.4965	0.4965	55.2339	106.1406	161.3745	0.1647	3.7500e-003	166.6097
Landscaping	0.1625	0.0619	5.3758	2.8000e-004		0.0298	0.0298		0.0298	0.0298	0.0000	8.7954	8.7954	8.4800e-003	0.0000	9.0074
Total	4.2367	0.1967	8.6814	8.7100e-003		0.5263	0.5263		0.5263	0.5263	55.2339	114.9360	170.1699	0.1732	3.7500e-003	175.6170

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	0.1996					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.1714					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0114	0.0970	0.0413	6.2000e-004		7.8500e-003	7.8500e-003		7.8500e-003	7.8500e-003	0.0000	112.3842	112.3842	2.1500e-003	2.0600e-003	113.0520
Landscaping	0.1625	0.0619	5.3758	2.8000e-004		0.0298	0.0298		0.0298	0.0298	0.0000	8.7954	8.7954	8.4800e-003	0.0000	9.0074

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Total	2.5449	0.1589	5.4171	9.0000e-004		0.0376	0.0376		0.0376	0.0376	0.0000	121.1795	121.1795	0.0106	2.0600e-003	122.0594
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7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	165.9231	1.0938	0.0275	201.4675
Unmitigated	207.4038	1.3673	0.0344	251.8344

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	33.8801 / 21.3592	176.6211	1.1191	0.0282	213.0077
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	5.46968 / 0.349128	20.0961	0.1799	4.4500e-003	25.9187
Strip Mall	2.06885 / 1.268	10.6886	0.0683	1.7200e-003	12.9079
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		207.4038	1.3673	0.0344	251.8344

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	27.1041 / 17.0874	141.2969	0.8953	0.0226	170.4062
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	4.37574 / 0.279303	16.0769	0.1439	3.5600e-003	20.7350
Strip Mall	1.65508 / 1.0144	8.5493	0.0547	1.3800e-003	10.3263
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		165.9231	1.0938	0.0275	201.4675

8.0 Waste Detail

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	23.1371	1.3674	0.0000	57.3212
Unmitigated	98.0386	5.7939	0.0000	242.8864

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	239.2	48.5554	2.8695	0.0000	120.2940
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant):	214.44	43.5294	2.5725	0.0000	107.8422
Strip Mall	29.33	5.9537	0.3519	0.0000	14.7501
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		98.0385	5.7939	0.0000	242.8863

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	56.4512	11.4591	0.6772	0.0000	28.3894
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant):	50.6078	10.2729	0.6071	0.0000	25.4508
Strip Mall	6.92188	1.4051	0.0830	0.0000	3.4810
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		23.1371	1.3674	0.0000	57.3212

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

Sportsman Lodge Buildout Operations without MXD - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0.25	12	500	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										MT/yr					
Emergency Generator - Diesel	4.9200e-003	0.0138	0.0126	2.0000e-005	7.2000e-004	7.2000e-004	7.2000e-004	7.2000e-004	7.2000e-004	7.2000e-004	0.0000	2.2848	2.2848	3.2000e-004	0.0000	2.2928
Total	4.9200e-003	0.0138	0.0126	2.0000e-005	7.2000e-004	7.2000e-004	7.2000e-004	7.2000e-004	7.2000e-004	7.2000e-004	0.0000	2.2848	2.2848	3.2000e-004	0.0000	2.2928

11.0 Vegetation

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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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	1,390.00	Space	0.00	556,000.00	0
High Turnover (Sit Down Restaurant)	18.02	1000sqft	0.00	18,020.00	0
Apartments Mid Rise	520.00	Dwelling Unit	5.80	545,021.00	1241
Strip Mall	27.93	1000sqft	0.00	27,930.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	12			Operational Year	2027
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	539	CH4 Intensity (lb/MW hr)	0.049	N2O Intensity (lb/MW hr)	0.007

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Updated default CalEEMod LADWP Intensity Factor of 690.4 (2020) to 539 to account for Buildout Year RPS reduction.

Land Use - Project specific square footage and population consistent with LADOT VMT Calculator

Vehicle Trips - LADOT VMT Calculator Trips/VMT

Energy Use - Consistency with Section 120.6(c) requirements. See calculations in AQ Appendix.

Stationary Sources - Emergency Generators and Fire Pumps -

Area Mitigation -

Water Mitigation -

Waste Mitigation - County Diversion Rate

Table Name	Column Name	Default Value	New Value
tblEnergyUse	T24E	3.50	0.41
tblLandUse	LandUseSquareFeet	520,000.00	545,021.00
tblLandUse	LotAcreage	12.51	0.00
tblLandUse	LotAcreage	0.41	0.00
tblLandUse	LotAcreage	13.68	5.80
tblLandUse	LotAcreage	0.64	0.00
tblLandUse	Population	1,487.00	1,241.00
tblProjectCharacteristics	CO2IntensityFactor	690.4	539
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	500.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	0.25
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	12.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblVehicleTrips	CC_TL	8.40	9.11
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CW_TL	16.60	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	4.91	0.00
tblVehicleTrips	ST_TR	122.40	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	ST_TR	0.00	5,001.00
tblVehicleTrips	SU_TR	4.09	0.00
tblVehicleTrips	SU_TR	142.64	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	SU_TR	0.00	4,640.00
tblVehicleTrips	WD_TR	5.44	0.00

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tblVehicleTrips	WD_TR	112.18	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblVehicleTrips	WD_TR	0.00	4,872.00

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	4.2367	0.1967	8.6814	8.7200e-003		0.5263	0.5263		0.5263	0.5263	55.2339	114.9360	170.1699	0.1732	3.7500e-003	175.6170
Energy	0.0528	0.4635	0.2825	2.8800e-003		0.0365	0.0365		0.0365	0.0365	0.0000	1,611.2806	1,611.2806	0.1090	0.0237	1,621.0738
Mobile	2.3343	2.5174	23.6045	0.0524	6.0528	0.0371	6.0899	1.6150	0.0345	1.6495	0.0000	4,850.0889	4,850.0889	0.3370	0.2104	4,921.2225
Stationary	4.9200e-003	0.0138	0.0126	2.0000e-005		7.2000e-004	7.2000e-004		7.2000e-004	7.2000e-004	0.0000	2.2848	2.2848	3.2000e-004	0.0000	2.2928
Waste						0.0000	0.0000		0.0000	0.0000	98.0386	0.0000	98.0386	5.7939	0.0000	242.8864
Water						0.0000	0.0000		0.0000	0.0000	13.1402	194.2636	207.4038	1.3673	0.0344	251.8344
Total	6.6287	3.1914	32.5809	0.0640	6.0528	0.6006	6.6534	1.6150	0.5980	2.2130	166.4127	6,772.8538	6,939.2665	7.7807	0.2723	7,214.9268

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	2.5335	0.0619	5.3758	2.8000e-004		0.0298	0.0298		0.0298	0.0298	0.0000	8.7954	8.7954	8.4800e-003	0.0000	9.0074
Energy	0.0528	0.4635	0.2825	2.8800e-003		0.0365	0.0365		0.0365	0.0365	0.0000	1,611.2806	1,611.2806	0.1090	0.0237	1,621.0738
Mobile	2.3343	2.5174	23.6045	0.0524	6.0528	0.0371	6.0899	1.6150	0.0345	1.6495	0.0000	4,850.0889	4,850.0889	0.3370	0.2104	4,921.2225
Stationary	4.9200e-003	0.0138	0.0126	2.0000e-005		7.2000e-004	7.2000e-004		7.2000e-004	7.2000e-004	0.0000	2.2848	2.2848	3.2000e-004	0.0000	2.2928
Waste						0.0000	0.0000		0.0000	0.0000	23.1371	0.0000	23.1371	1.3674	0.0000	57.3212
Water						0.0000	0.0000		0.0000	0.0000	10.5122	155.4109	165.9231	1.0938	0.0275	201.4675
Total	4.9255	3.0565	29.2753	0.0556	6.0528	0.1041	6.1569	1.6150	0.1015	1.7165	33.6493	6,627.8605	6,661.5098	2.9160	0.2617	6,812.3851

	ROG	NOx	CO	SO2	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	25.69	4.23	10.15	13.19	0.00	82.67	7.46	0.00	83.03	22.44	79.78	2.14	4.00	62.52	3.90	5.58

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					

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Land Use	5.59385e+006	0.0302	0.2578	0.1097	1.6500e-003	0.0208	0.0208	0.0208	0.0208	0.0000	298.5093	298.5093	5.7200e-003	5.4700e-003	300.2832
Apartments Mid Rise	5.59385e+006	0.0302	0.2578	0.1097	1.6500e-003	0.0208	0.0208	0.0208	0.0208	0.0000	298.5093	298.5093	5.7200e-003	5.4700e-003	300.2832
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	4.15055e+006	0.0224	0.2035	0.1709	1.2200e-003	0.0155	0.0155	0.0155	0.0155	0.0000	221.4890	221.4890	4.2500e-003	4.0600e-003	222.8052
Strip Mall	45525.9	2.5000e-004	2.2300e-003	1.8700e-003	1.0000e-005	1.7000e-004	1.7000e-004	1.7000e-004	1.7000e-004	0.0000	2.4294	2.4294	5.0000e-005	4.0000e-005	2.4439
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0528	0.4635	0.2825	2.8800e-003	0.0365	0.0365	0.0365	0.0365	0.0000	522.4277	522.4277	0.0100	9.5700e-003	525.5322

Mitigated

Land Use	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 Mid Rise	5.59385e+006	0.0302	0.2578	0.1097	1.6500e-003	0.0208	0.0208	0.0208	0.0208	0.0208	0.0208	0.0000	298.5093	298.5093	5.7200e-003	5.4700e-003	300.2832
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	4.15055e+006	0.0224	0.2035	0.1709	1.2200e-003	0.0155	0.0155	0.0155	0.0155	0.0155	0.0155	0.0000	221.4890	221.4890	4.2500e-003	4.0600e-003	222.8052
Strip Mall	45525.9	2.5000e-004	2.2300e-003	1.8700e-003	1.0000e-005	1.7000e-004	1.7000e-004	1.7000e-004	1.7000e-004	1.7000e-004	1.7000e-004	0.0000	2.4294	2.4294	5.0000e-005	4.0000e-005	2.4439
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0528	0.4635	0.2825	2.8800e-003	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0000	522.4277	522.4277	0.0100	9.5700e-003	525.5322

5.3 Energy by Land Use - Electricity

Unmitigated

Land Use	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	2.00227e+006	489.5264	0.0445	6.3600e-003	492.5335
Enclosed Parking with Elevator	1.3066e+006	319.4458	0.0290	4.1500e-003	321.4081
High Turnover (Sit Down Restaurant)	779725	190.6322	0.0173	2.4800e-003	191.9032
Strip Mall	365045	89.2485	8.1100e-003	1.1600e-003	89.7968
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		1,088.8529	0.0990	0.0142	1,095.5415

Mitigated

Land Use	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	2.00227e+006	489.5264	0.0445	6.3600e-003	492.5335
Enclosed Parking with Elevator	1.3066e+006	319.4458	0.0290	4.1500e-003	321.4081

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High Turnover (Site)	779725	190.6322	0.0173	2.4800e-003	191.8032
Down Restaurant					
Strip Mall	365045	89.2485	8.1100e-003	1.1600e-003	89.7968
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		1,088.8529	0.0990	0.0142	1,095.5415

6.0 Area Detail

6.1 Mitigation Measures Area

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive 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	2.5335	0.0619	5.3758	2.8000e-004		0.0298	0.0298		0.0298	0.0298	0.0000	8.7954	8.7954	8.4800e-003	0.0000	9.0074
Unmitigated	4.2367	0.1967	8.6814	8.7200e-003		0.5263	0.5263		0.5263	0.5263	55.2339	114.9360	170.1699	0.1732	3.7500e-003	175.6170

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	0.1996					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.1714					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1.7032	0.1349	3.3056	8.4300e-003		0.4965	0.4965		0.4965	0.4965	55.2339	106.1406	161.3745	0.1647	3.7500e-003	166.6097
Landscaping	0.1625	0.0619	5.3758	2.8000e-004		0.0298	0.0298		0.0298	0.0298	0.0000	8.7954	8.7954	8.4800e-003	0.0000	9.0074
Total	4.2367	0.1967	8.6814	8.7100e-003		0.5263	0.5263		0.5263	0.5263	55.2339	114.9360	170.1699	0.1732	3.7500e-003	175.6170

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	0.1996					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.1714					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.1625	0.0619	5.3758	2.8000e-004		0.0298	0.0298		0.0298	0.0298	0.0000	8.7954	8.7954	8.4800e-003	0.0000	9.0074
Total	2.5335	0.0619	5.3758	2.8000e-004		0.0298	0.0298		0.0298	0.0298	0.0000	8.7954	8.7954	8.4800e-003	0.0000	9.0074

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7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	165.9231	1.0938	0.0275	201.4675
Unmitigated	207.4038	1.3673	0.0344	251.8344

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	33.8801 / 21.3592	176.6211	1.1191	0.0282	213.0077
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	5.46968 / 0.349128	20.0961	0.1799	4.4500e-003	25.9187
Strip Mall	2.06885 / 1.268	10.6866	0.0683	1.7200e-003	12.9079
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		207.4038	1.3673	0.0344	251.8344

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	27.1041 / 17.0874	141.2969	0.8953	0.0226	170.4062
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	4.37574 / 0.279303	16.0769	0.1439	3.5600e-003	20.7350
Strip Mall	1.65508 / 1.0144	8.5493	0.0547	1.3800e-003	10.3263
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		165.9231	1.0938	0.0275	201.4675

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Sportsman Lodge Buildout Operations with TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	23.1371	1.3674	0.0000	57.3212
Unmitigated	98.0386	5.7939	0.0000	242.8864

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	239.2	48.5554	2.8695	0.0000	120.2940
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	214.44	43.5294	2.5725	0.0000	107.8422
Strip Mall	29.33	5.9537	0.3519	0.0000	14.7501
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		98.0385	5.7939	0.0000	242.8863

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	56.4512	11.4591	0.6772	0.0000	28.3894
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	50.6078	10.2729	0.6071	0.0000	25.4508
Strip Mall	6.92188	1.4051	0.0830	0.0000	3.4810
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		23.1371	1.3674	0.0000	57.3212

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	0.25	12	500	0.73	Diesel

Boilers

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

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	4.9200e-003	0.0138	0.0126	2.0000e-005		7.2000e-004	7.2000e-004		7.2000e-004	7.2000e-004	0.0000	2.2848	2.2848	3.2000e-004	0.0000	2.2928
Total	4.9200e-003	0.0138	0.0126	2.0000e-005		7.2000e-004	7.2000e-004		7.2000e-004	7.2000e-004	0.0000	2.2848	2.2848	3.2000e-004	0.0000	2.2928

11.0 Vegetation
