

PROJECT LOCATION: 1900 Riverside Drive, Glendale, CA 91201

PROJECT DESCRIPTION: Demolish the existing commercial stable buildings and structures, and construct three new buildings with 16 surface parking spaces for a commercial stable and kennel. Development of the site includes a new 1-story, 4,224 square-foot (SF) barn with 16 stables, a new 1-story 4,793 SF building to be used as a kennel, a new outdoor corral, a new one-story, 630 SF accessory building, and an alley vacation. The project site is a 36,699 SF corner lot located in the CE – Commercial Equestrian Zone.

CEQA REVIEW: The proposed commercial project, located at 1900 Riverside Drive, is exempt from CEQA as a Class 32 “In-fill Development Projects” exemption, pursuant to § 15332 of the State CEQA Guidelines.

CCR § 15300.2. Exceptions

- (c) Significant Effect. A categorical exemption shall not be used for an activity where there is a reasonable possibility that the activity will have a significant effect on the environment due to unusual circumstances.

There are no unusual circumstances associated with the project site. The project is located on the southwest corner of Riverside Drive and Allen Avenue, with a 20-foot-wide alley located at the rear, and is located in an urban environment with similar and complimentary uses in the immediate project vicinity. The site consists of four contiguous lots that are bisected by a vacated alley, and the topography is relatively flat. Currently, there are three stable buildings on-site, an existing one-story house originally built in 1942 that are currently vacant, and a one-story barn originally built in 1939. At a hearing held on March 7, 2023, the Glendale City Council determined that based on the evidence in the record, the subject property is not a historic resource under CEQA. All existing buildings and structures, as well as associated parking lots will be demolished as part of the project. The property is zoned CE (Commercial Equestrian), and the proposed commercial stable and kennel use is permitted in this zone. Furthermore, the project complies with the zoning standards in terms for floor area, setbacks, height, landscaping and parking. While the project site is located in a liquefaction zone, based on the proposed use as a commercial stable and kennel, the building code does not require a liquefaction study to be prepared. The Building and Safety division will require a full soils report to be prepared and submitted for review as part of the building permit process. As indicated in the City’s Safety Element, the project site is not within a landslide hazard zone, dam inundation zone, fault hazard zone or fire hazard zone.

CCR § 15332. In-fill Development Projects Exemption

Class 32 consists of projects characterized as in-fill development meeting the conditions described in this section.

- (a) The project is consistent with the applicable general plan designation and all applicable general plan policies as well as with applicable zoning designation and regulations.

The proposed commercial stable and kennel use will be consistent with the various elements and objectives of the General Plan. The Land Use Element of the General Plan designates the project site as Community Services Commercial, and the proposed use is consistent with its land use designation. The CE zone is designed to encourage and support the development of equestrian related activities and other related uses with performance standards imposed to promote compatibility with surrounding land uses. The proposed commercial stable and kennel

use are permitted by right in the CE zone and will provide a compatible, complimentary amenity/use for individuals visiting the city and its residents. The Land Use Element is the most directly related to the approval of this use. All other elements of the General Plan will not be impacted as a result of the project. The project site has not been slated for open space or recreation, and will operate within compliance with the Noise Element thresholds. The Circulation Element identifies Riverside Drive as a Community Collector and Allen Avenue as a local street. Riverside Drive is fully developed and can adequately handle the traffic circulation around the site. The portion of Allen Avenue that abuts the subject property is currently 280 feet in length and currently undeveloped. The applicant will be required to comply with any requirements for street and sidewalk improvements as required by the Public Works Department, Engineering Division. Primary vehicular access to the site will be from the existing driveway location along Riverside Drive, with a secondary driveway entrance along Allen Avenue from the rear of the property. Additionally, the City's Traffic Engineer reviewed the project and determined that no significant increase in traffic would occur as a result of the project, as it would not generate a significant increase in the number of vehicle trips to and from the site. The project complies with the applicable zoning designation and regulations and no variances are required.

- (b) The proposed development occurs within city limits on a project site of no more than five acres substantially surrounded by urban uses.

With the proposed alley vacation, the project site is approximately 36,699 SF (0.84 acres) and complies with the site size criteria. Located in the CE Zone, the project site is substantially surrounded by urban uses and within city limits.

- (c) The site has no value as a habitat for endangered, rare or threatened species.

The project is located in an area that has been heavily urbanized for decades. Natural vegetation does not exist on-site. The site is surrounded by commercial and multi-family residential uses and is unsuitable for use as a wildlife habitat due to its location. No wildlife species other than those which can tolerate human activity and/or are typically found in urban environments are known to exist on or near the project site. These human-tolerant species are neither sensitive, threatened, nor endangered. Implementation of the project would not result in any impact to species identified as endangered, threatened, sensitive or being of special concern by the California Department of Fish and Wildlife or the United States Fish and Wildlife Service. In addition, the project site does not provide suitable habitat for endangered or rare species given the pattern, type, and level of development in the area.

- (d) Approval of the project would not result in any significant effects relating to traffic, noise, air quality, or water quality.

Traffic

There would be an increase in daytime traffic as a result of the construction activities. However, this increase is not considered substantial since the construction phases is short-term. A Construction Traffic Management Plan will be required to be submitted to the City's Public Works Department for review and approval prior to project construction. The Construction Traffic Management Plan will include a Construction Traffic Control Plan, a Construction Parking Plan, a Haul Routes Plan, and construction hours. The project site is served by two streets: Riverside Drive and Allen Avenue. The City's Traffic Engineer reviewed the proposed project and determined that no significant increase in the number of vehicle trips would occur as a

result of the project (less than 50 net peak-hour trips). The project is exempt from a Vehicle Miles Traveled (VMT) Analysis because it is considered a redevelopment project that is replacing an existing use that is similar in nature. Therefore, no significant impacts are anticipated.

Noise

The project involves the demolition of the existing commercial stable buildings and structures, and construction of three new buildings for a commercial stable and kennel, an outdoor coral, and 16-surface parking spaces. The site is bordered by Riverside Drive to the north, unimproved Allen Avenue to the east, and a public alley to the south. The proposed use as a commercial stable and kennel is permitted by right on the subject property zoned CE, and complies with the Land Use Element of the General Plan. As shown in the City's Noise Element, the project site is located within the 60-65 dB noise contour, and the proposed use is normally acceptable in this area. The new project would be constructed to reduce interior noise to acceptable levels as required by the building code, and the project is not anticipated to generate noise in excess of limits contained in the Noise Element. Construction associated with the project will be required to comply with the City of Glendale Noise Ordinance (GMC Chapter 8.36), which prohibits construction activities between the hours of 7:00 PM on one day and 7:00 AM of the next day or from 7:00 PM on Saturday to 7:00 AM on Monday or from 7:00 PM preceding a holiday. Compliance with the City's noise ordinance would ensure that noise impacts will be less than significant.

Air Quality

The California Emissions Estimator Model (CalEEMod Version 2020.4.0) was used to estimate air quality impacts during the construction and operation stages of the project. Results from the model indicate that the proposed project would not exceed thresholds for construction, area, or operational impacts. No impacts would occur. Based on the model run, construction and operation of the project would not exceed the SCAQMD thresholds of significance.

Water Quality

Under Section 402 of the Clean Water Act, the U.S. Environmental Protection Agency (EPA) has established regulations under the National Pollution Discharge Elimination System (NPDES) program to control direct storm water discharges. In the City of Glendale, the Los Angeles Regional Water Quality Control Board (RWCQB) administers the NPDES permitting program and is responsible for developing NPDES permitting requirements. The NPDES program regulates industrial pollutant discharges that include construction activities. Implementation of the proposed project will require compliance with all of the NPDES requirements including the submittal and certification of plans and details showing both construction and post-construction Best Management Practices (BMPs) that are integrated into the design of the project. The submittal of a Standard Urban Storm Water Mitigation Plan (SUSMP), as approved by the City Engineer, will also be required to be integrated into the design of the project. Therefore, implementation of the proposed project is not expected to violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface of groundwater quality since the project will be required to comply with applicable permitting requirements.

- (e) The site can be adequately served by all required utilities and public services.

The project site is currently developed with a commercial stable use and is surrounded by similar complementary uses and multi-family residential development. The site is located in an urbanized area and can be adequately served by existing public facilities.

Section 65995 of the Government Code provides that school districts can collect a fee on a per square foot basis for new commercial buildings to assist in the construction of or addition to schools. The State has determined that payment of the school fee mitigates impacts to schools to a level less than significant.

The Glendale Police Department provides police services to the project site. The overall need for police protection services are not expected to increase significantly as a result of the proposed project as the site is located in an already urbanized area.

The City of Glendale Fire Department provides fire and paramedic services to the project site. The project will be required to comply with the Uniform Fire Code, including installation of fire sprinklers, and to submit plans to the Glendale Fire Department at the time building permits are submitted to ensure adequate fire flow protection.

1900 Riverside Stable - South Coast AQMD Air District, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

1900 Riverside Stable
South Coast AQMD Air District, Annual**1.0 Project Characteristics****1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.50	1000sqft	0.08	3,500.00	0
Racquet Club	41.10	1000sqft	0.94	9,901.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	12			Operational Year	2025
Utility Company	Glendale Water and Power				
CO2 Intensity (lb/MWhr)	948.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - To demolish a 422 SF and 9,104 SF buildings (horse stables), and 536 SF and 3,224 SF operation buildings (14,286 SF total) and to construct 4,223 SF horse stable, 253 SF storage, 4,795 SF Kennel, and a 630 SF support building.

Land Use - 9,901 SF of Recreational Use (Horse stables, kennels, storage, and operational offices) and approximately 3,500 SF of asphalt surface parking lots.

Construction Phase - Demolition/site prep (1 month, 1 week), grading (1 month), construction (1 year), paving (1 month) and architectural coating (1 month).

Grading - grading will consist of 1,000 cubic yards of cut/fill (balanced grading onsite) on a 1.02 Acrea parcel.

Demolition - demolition of 4 buildings (14,286 SF total)

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	41,100.00	9,901.00
tblTripsAndVMT	HaulingTripNumber	0.00	250.00

2.0 Emissions Summary

1900 Riverside Stable - South Coast AQMD Air District, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**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					
2024	0.1492	1.2081	1.3211	2.4800e-003	0.0390	0.0489	0.0880	0.0140	0.0470	0.0610	0.0000	208.4593	208.4593	0.0351	2.0100e-003	209.9370
2025	0.0632	0.1323	0.1751	3.1000e-004	1.5100e-003	5.2300e-003	6.7400e-003	4.0000e-004	5.0000e-003	5.4100e-003	0.0000	25.7682	25.7682	4.7900e-003	7.0000e-005	25.9093
Maximum	0.1492	1.2081	1.3211	2.4800e-003	0.0390	0.0489	0.0880	0.0140	0.0470	0.0610	0.0000	208.4593	208.4593	0.0351	2.0100e-003	209.9370

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					
2024	0.1492	1.2081	1.3211	2.4800e-003	0.0390	0.0489	0.0880	0.0140	0.0470	0.0610	0.0000	208.4590	208.4590	0.0351	2.0100e-003	209.9368
2025	0.0632	0.1323	0.1751	3.1000e-004	1.5100e-003	5.2300e-003	6.7400e-003	4.0000e-004	5.0000e-003	5.4100e-003	0.0000	25.7682	25.7682	4.7900e-003	7.0000e-005	25.9093
Maximum	0.1492	1.2081	1.3211	2.4800e-003	0.0390	0.0489	0.0880	0.0140	0.0470	0.0610	0.0000	208.4590	208.4590	0.0351	2.0100e-003	209.9368

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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
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	3-18-2024	6-17-2024	0.4661	0.4661
2	6-18-2024	9-17-2024	0.4136	0.4136
3	9-18-2024	12-17-2024	0.4093	0.4093
4	12-18-2024	3-17-2025	0.2601	0.2601
		Highest	0.4661	0.4661

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0407	1.0000e-005	5.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1100e-003	1.1100e-003	0.0000	0.0000	1.1800e-003
Energy	9.6000e-004	8.7200e-003	7.3200e-003	5.0000e-005		6.6000e-004	6.6000e-004		6.6000e-004	6.6000e-004	0.0000	55.7733	55.7733	1.7900e-003	3.7000e-004	55.9281
Mobile	0.2462	0.2561	2.1833	4.5100e-003	0.4909	3.4100e-003	0.4943	0.1310	3.1700e-003	0.1342	0.0000	417.3458	417.3458	0.0309	0.0205	424.2253
Waste						0.0000	0.0000		0.0000	0.0000	47.5547	0.0000	47.5547	2.8104	0.0000	117.8147
Water						0.0000	0.0000		0.0000	0.0000	0.7712	20.7491	21.5203	0.0799	1.9600e-003	24.1019
Total	0.2879	0.2649	2.1912	4.5600e-003	0.4909	4.0700e-003	0.4950	0.1310	3.8300e-003	0.1348	48.3259	493.8694	542.1952	2.9231	0.0228	622.0713

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**2.2 Overall Operational****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	0.0407	1.0000e-005	5.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1100e-003	1.1100e-003	0.0000	0.0000	1.1800e-003
Energy	9.6000e-004	8.7200e-003	7.3200e-003	5.0000e-005		6.6000e-004	6.6000e-004		6.6000e-004	6.6000e-004	0.0000	55.7733	55.7733	1.7900e-003	3.7000e-004	55.9281
Mobile	0.2462	0.2561	2.1833	4.5100e-003	0.4909	3.4100e-003	0.4943	0.1310	3.1700e-003	0.1342	0.0000	417.3458	417.3458	0.0309	0.0205	424.2253
Waste						0.0000	0.0000		0.0000	0.0000	47.5547	0.0000	47.5547	2.8104	0.0000	117.8147
Water						0.0000	0.0000		0.0000	0.0000	0.7712	20.7491	21.5203	0.0799	1.9600e-003	24.1019
Total	0.2879	0.2649	2.1912	4.5600e-003	0.4909	4.0700e-003	0.4950	0.1310	3.8300e-003	0.1348	48.3259	493.8694	542.1952	2.9231	0.0228	622.0713

	ROG	NOx	CO	SO2	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

3.0 Construction Detail**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/18/2024	4/12/2024	5	20	
2	Site Preparation	Site Preparation	4/13/2024	4/16/2024	5	2	
3	Grading	Grading	4/17/2024	4/22/2024	5	4	

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4	Building Construction	Building Construction	4/23/2024	1/27/2025	5	200
5	Paving	Paving	1/28/2025	2/10/2025	5	10
6	Architectural Coating	Architectural Coating	2/11/2025	2/24/2025	5	10

Acres of Grading (Site Preparation Phase): 1.88**Acres of Grading (Grading Phase): 4****Acres of Paving: 0.08****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 14,852; Non-Residential Outdoor: 4,951; Striped Parking Area: 210 (Architectural Coating – sqft)****OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	6.00	231	0.29
Site Preparation	Graders	1	8.00	187	0.41
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	187	0.41
Paving	Pavers	1	6.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37

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Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Welders	3	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
Demolition	5	13.00	0.00	65.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	250.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	6.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction**3.2 Demolition - 2024****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.0300e-003	0.0000	7.0300e-003	1.0600e-003	0.0000	1.0600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0144	0.1389	0.1349	2.4000e-004		6.3100e-003	6.3100e-003		5.8900e-003	5.8900e-003	0.0000	21.0916	21.0916	5.3400e-003	0.0000	21.2250
Total	0.0144	0.1389	0.1349	2.4000e-004	7.0300e-003	6.3100e-003	0.0133	1.0600e-003	5.8900e-003	6.9500e-003	0.0000	21.0916	21.0916	5.3400e-003	0.0000	21.2250

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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					
Hauling	7.0000e-005	4.1500e-003	1.1300e-003	2.0000e-005	5.6000e-004	3.0000e-005	5.9000e-004	1.5000e-004	3.0000e-005	1.8000e-004	0.0000	1.8282	1.8282	1.0000e-004	2.9000e-004	1.9173
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	0.0000	0.0000	0.0000	0.0000
Worker	3.8000e-004	2.8000e-004	3.9500e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.0836	1.0836	3.0000e-005	3.0000e-005	1.0922
Total	4.5000e-004	4.4300e-003	5.0800e-003	3.0000e-005	1.9900e-003	4.0000e-005	2.0200e-003	5.3000e-004	4.0000e-005	5.7000e-004	0.0000	2.9117	2.9117	1.3000e-004	3.2000e-004	3.0095

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					7.0300e-003	0.0000	7.0300e-003	1.0600e-003	0.0000	1.0600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0144	0.1389	0.1349	2.4000e-004		6.3100e-003	6.3100e-003		5.8900e-003	5.8900e-003	0.0000	21.0915	21.0915	5.3400e-003	0.0000	21.2250
Total	0.0144	0.1389	0.1349	2.4000e-004	7.0300e-003	6.3100e-003	0.0133	1.0600e-003	5.8900e-003	6.9500e-003	0.0000	21.0915	21.0915	5.3400e-003	0.0000	21.2250

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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					
Hauling	7.0000e-005	4.1500e-003	1.1300e-003	2.0000e-005	5.6000e-004	3.0000e-005	5.9000e-004	1.5000e-004	3.0000e-005	1.8000e-004	0.0000	1.8282	1.8282	1.0000e-004	2.9000e-004	1.9173
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	0.0000	0.0000	0.0000	0.0000
Worker	3.8000e-004	2.8000e-004	3.9500e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.0836	1.0836	3.0000e-005	3.0000e-005	1.0922
Total	4.5000e-004	4.4300e-003	5.0800e-003	3.0000e-005	1.9900e-003	4.0000e-005	2.0200e-003	5.3000e-004	4.0000e-005	5.7000e-004	0.0000	2.9117	2.9117	1.3000e-004	3.2000e-004	3.0095

3.3 Site Preparation - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.2700e-003	0.0000	6.2700e-003	3.0000e-003	0.0000	3.0000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.1100e-003	0.0118	6.6300e-003	2.0000e-005		4.8000e-004	4.8000e-004		4.4000e-004	4.4000e-004	0.0000	1.5113	1.5113	4.9000e-004	0.0000	1.5235
Total	1.1100e-003	0.0118	6.6300e-003	2.0000e-005	6.2700e-003	4.8000e-004	6.7500e-003	3.0000e-003	4.4000e-004	3.4400e-003	0.0000	1.5113	1.5113	4.9000e-004	0.0000	1.5235

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.3 Site Preparation - 2024****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	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	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	2.0000e-005	2.4000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0667	0.0667	0.0000	0.0000	0.0672
Total	2.0000e-005	2.0000e-005	2.4000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0667	0.0667	0.0000	0.0000	0.0672

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					6.2700e-003	0.0000	6.2700e-003	3.0000e-003	0.0000	3.0000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.1100e-003	0.0118	6.6300e-003	2.0000e-005		4.8000e-004	4.8000e-004		4.4000e-004	4.4000e-004	0.0000	1.5113	1.5113	4.9000e-004	0.0000	1.5235
Total	1.1100e-003	0.0118	6.6300e-003	2.0000e-005	6.2700e-003	4.8000e-004	6.7500e-003	3.0000e-003	4.4000e-004	3.4400e-003	0.0000	1.5113	1.5113	4.9000e-004	0.0000	1.5235

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.3 Site Preparation - 2024****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	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	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	2.0000e-005	2.4000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0667	0.0667	0.0000	0.0000	0.0672
Total	2.0000e-005	2.0000e-005	2.4000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0667	0.0667	0.0000	0.0000	0.0672

3.4 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	tons/yr										MT/yr					
Fugitive Dust					0.0142	0.0000	0.0142	6.8500e-003	0.0000	6.8500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.6000e-003	0.0276	0.0174	4.0000e-005		1.1400e-003	1.1400e-003		1.0500e-003	1.0500e-003	0.0000	3.6207	3.6207	1.1700e-003	0.0000	3.6500
Total	2.6000e-003	0.0276	0.0174	4.0000e-005	0.0142	1.1400e-003	0.0153	6.8500e-003	1.0500e-003	7.9000e-003	0.0000	3.6207	3.6207	1.1700e-003	0.0000	3.6500

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.4 Grading - 2024****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	2.6000e-004	0.0159	4.3300e-003	7.0000e-005	2.1500e-003	1.1000e-004	2.2700e-003	5.9000e-004	1.1000e-004	7.0000e-004	0.0000	7.0315	7.0315	4.0000e-004	1.1200e-003	7.3744
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	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	4.0000e-005	6.1000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1667	0.1667	0.0000	0.0000	0.1680
Total	3.2000e-004	0.0160	4.9400e-003	7.0000e-005	2.3700e-003	1.1000e-004	2.4900e-003	6.5000e-004	1.1000e-004	7.6000e-004	0.0000	7.1982	7.1982	4.0000e-004	1.1200e-003	7.5424

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					0.0142	0.0000	0.0142	6.8500e-003	0.0000	6.8500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.6000e-003	0.0276	0.0174	4.0000e-005		1.1400e-003	1.1400e-003		1.0500e-003	1.0500e-003	0.0000	3.6207	3.6207	1.1700e-003	0.0000	3.6500
Total	2.6000e-003	0.0276	0.0174	4.0000e-005	0.0142	1.1400e-003	0.0153	6.8500e-003	1.0500e-003	7.9000e-003	0.0000	3.6207	3.6207	1.1700e-003	0.0000	3.6500

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.4 Grading - 2024****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	2.6000e-004	0.0159	4.3300e-003	7.0000e-005	2.1500e-003	1.1000e-004	2.2700e-003	5.9000e-004	1.1000e-004	7.0000e-004	0.0000	7.0315	7.0315	4.0000e-004	1.1200e-003	7.3744
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	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	4.0000e-005	6.1000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1667	0.1667	0.0000	0.0000	0.1680
Total	3.2000e-004	0.0160	4.9400e-003	7.0000e-005	2.3700e-003	1.1000e-004	2.4900e-003	6.5000e-004	1.1000e-004	7.6000e-004	0.0000	7.1982	7.1982	4.0000e-004	1.1200e-003	7.5424

3.5 Building Construction - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1285	1.0013	1.1328	2.0000e-003		0.0408	0.0408		0.0394	0.0394	0.0000	164.3582	164.3582	0.0274	0.0000	165.0425
Total	0.1285	1.0013	1.1328	2.0000e-003		0.0408	0.0408		0.0394	0.0394	0.0000	164.3582	164.3582	0.0274	0.0000	165.0425

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building Construction - 2024****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	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9000e-004	6.9300e-003	2.5800e-003	3.0000e-005	1.1400e-003	4.0000e-005	1.1800e-003	3.3000e-004	4.0000e-005	3.7000e-004	0.0000	3.1750	3.1750	1.1000e-004	4.6000e-004	3.3150
Worker	1.5800e-003	1.1600e-003	0.0165	5.0000e-005	5.9600e-003	3.0000e-005	5.9900e-003	1.5800e-003	3.0000e-005	1.6100e-003	0.0000	4.5260	4.5260	1.1000e-004	1.1000e-004	4.5619
Total	1.7700e-003	8.0900e-003	0.0191	8.0000e-005	7.1000e-003	7.0000e-005	7.1700e-003	1.9100e-003	7.0000e-005	1.9800e-003	0.0000	7.7009	7.7009	2.2000e-004	5.7000e-004	7.8769

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	0.1285	1.0013	1.1328	2.0000e-003		0.0408	0.0408		0.0394	0.0394	0.0000	164.3580	164.3580	0.0274	0.0000	165.0423
Total	0.1285	1.0013	1.1328	2.0000e-003		0.0408	0.0408		0.0394	0.0394	0.0000	164.3580	164.3580	0.0274	0.0000	165.0423

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building Construction - 2024****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	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9000e-004	6.9300e-003	2.5800e-003	3.0000e-005	1.1400e-003	4.0000e-005	1.1800e-003	3.3000e-004	4.0000e-005	3.7000e-004	0.0000	3.1750	3.1750	1.1000e-004	4.6000e-004	3.3150
Worker	1.5800e-003	1.1600e-003	0.0165	5.0000e-005	5.9600e-003	3.0000e-005	5.9900e-003	1.5800e-003	3.0000e-005	1.6100e-003	0.0000	4.5260	4.5260	1.1000e-004	1.1000e-004	4.5619
Total	1.7700e-003	8.0900e-003	0.0191	8.0000e-005	7.1000e-003	7.0000e-005	7.1700e-003	1.9100e-003	7.0000e-005	1.9800e-003	0.0000	7.7009	7.7009	2.2000e-004	5.7000e-004	7.8769

3.5 Building Construction - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0126	0.0989	0.1182	2.1000e-004		3.7300e-003	3.7300e-003		3.6000e-003	3.6000e-003	0.0000	17.2551	17.2551	2.8200e-003	0.0000	17.3255
Total	0.0126	0.0989	0.1182	2.1000e-004		3.7300e-003	3.7300e-003		3.6000e-003	3.6000e-003	0.0000	17.2551	17.2551	2.8200e-003	0.0000	17.3255

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building Construction - 2025****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	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	7.2000e-004	2.7000e-004	0.0000	1.2000e-004	0.0000	1.2000e-004	3.0000e-005	0.0000	4.0000e-005	0.0000	0.3272	0.3272	1.0000e-005	5.0000e-005	0.3417
Worker	1.6000e-004	1.1000e-004	1.6200e-003	1.0000e-005	6.3000e-004	0.0000	6.3000e-004	1.7000e-004	0.0000	1.7000e-004	0.0000	0.4589	0.4589	1.0000e-005	1.0000e-005	0.4625
Total	1.8000e-004	8.3000e-004	1.8900e-003	1.0000e-005	7.5000e-004	0.0000	7.5000e-004	2.0000e-004	0.0000	2.1000e-004	0.0000	0.7861	0.7861	2.0000e-005	6.0000e-005	0.8041

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	0.0126	0.0989	0.1182	2.1000e-004		3.7300e-003	3.7300e-003		3.6000e-003	3.6000e-003	0.0000	17.2550	17.2550	2.8200e-003	0.0000	17.3255
Total	0.0126	0.0989	0.1182	2.1000e-004		3.7300e-003	3.7300e-003		3.6000e-003	3.6000e-003	0.0000	17.2550	17.2550	2.8200e-003	0.0000	17.3255

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building Construction - 2025****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	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	7.2000e-004	2.7000e-004	0.0000	1.2000e-004	0.0000	1.2000e-004	3.0000e-005	0.0000	4.0000e-005	0.0000	0.3272	0.3272	1.0000e-005	5.0000e-005	0.3417
Worker	1.6000e-004	1.1000e-004	1.6200e-003	1.0000e-005	6.3000e-004	0.0000	6.3000e-004	1.7000e-004	0.0000	1.7000e-004	0.0000	0.4589	0.4589	1.0000e-005	1.0000e-005	0.4625
Total	1.8000e-004	8.3000e-004	1.8900e-003	1.0000e-005	7.5000e-004	0.0000	7.5000e-004	2.0000e-004	0.0000	2.1000e-004	0.0000	0.7861	0.7861	2.0000e-005	6.0000e-005	0.8041

3.6 Paving - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.8700e-003	0.0266	0.0440	7.0000e-005		1.2300e-003	1.2300e-003		1.1400e-003	1.1400e-003	0.0000	5.8868	5.8868	1.8700e-003	0.0000	5.9334
Paving	1.0000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.9700e-003	0.0266	0.0440	7.0000e-005		1.2300e-003	1.2300e-003		1.1400e-003	1.1400e-003	0.0000	5.8868	5.8868	1.8700e-003	0.0000	5.9334

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.6 Paving - 2025****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	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	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.2000e-004	1.8400e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5233	0.5233	1.0000e-005	1.0000e-005	0.5274
Total	1.8000e-004	1.2000e-004	1.8400e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5233	0.5233	1.0000e-005	1.0000e-005	0.5274

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	2.8700e-003	0.0266	0.0440	7.0000e-005		1.2300e-003	1.2300e-003		1.1400e-003	1.1400e-003	0.0000	5.8868	5.8868	1.8700e-003	0.0000	5.9334
Paving	1.0000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.9700e-003	0.0266	0.0440	7.0000e-005		1.2300e-003	1.2300e-003		1.1400e-003	1.1400e-003	0.0000	5.8868	5.8868	1.8700e-003	0.0000	5.9334

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.6 Paving - 2025****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	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	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.2000e-004	1.8400e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5233	0.5233	1.0000e-005	1.0000e-005	0.5274
Total	1.8000e-004	1.2000e-004	1.8400e-003	1.0000e-005	7.1000e-004	0.0000	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5233	0.5233	1.0000e-005	1.0000e-005	0.5274

3.7 Architectural Coating - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0464					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.5000e-004	5.7300e-003	9.0500e-003	1.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	1.2766	1.2766	7.0000e-005	0.0000	1.2784
Total	0.0472	5.7300e-003	9.0500e-003	1.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	1.2766	1.2766	7.0000e-005	0.0000	1.2784

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.7 Architectural Coating - 2025****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	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	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	1.4000e-004	0.0000	5.0000e-005	0.0000	6.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0403	0.0403	0.0000	0.0000	0.0406
Total	1.0000e-005	1.0000e-005	1.4000e-004	0.0000	5.0000e-005	0.0000	6.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0403	0.0403	0.0000	0.0000	0.0406

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	0.0464					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.5000e-004	5.7300e-003	9.0500e-003	1.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	1.2766	1.2766	7.0000e-005	0.0000	1.2784
Total	0.0472	5.7300e-003	9.0500e-003	1.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	1.2766	1.2766	7.0000e-005	0.0000	1.2784

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.7 Architectural Coating - 2025****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	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	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	1.4000e-004	0.0000	5.0000e-005	0.0000	6.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0403	0.0403	0.0000	0.0000	0.0406
Total	1.0000e-005	1.0000e-005	1.4000e-004	0.0000	5.0000e-005	0.0000	6.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0403	0.0403	0.0000	0.0000	0.0406

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not 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	0.2462	0.2561	2.1833	4.5100e-003	0.4909	3.4100e-003	0.4943	0.1310	3.1700e-003	0.1342	0.0000	417.3458	417.3458	0.0309	0.0205	424.2253
Unmitigated	0.2462	0.2561	2.1833	4.5100e-003	0.4909	3.4100e-003	0.4943	0.1310	3.1700e-003	0.1342	0.0000	417.3458	417.3458	0.0309	0.0205	424.2253

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Racquet Club	576.63	877.49	715.14	1,303,889	1,303,889
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	576.63	877.49	715.14	1,303,889	1,303,889

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
Racquet Club	16.60	8.40	6.90	11.50	69.50	19.00	52	39	9
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Racquet Club	0.541709	0.062136	0.185590	0.128486	0.023783	0.006533	0.012157	0.009216	0.000814	0.000497	0.024669	0.000753	0.003657
Other Asphalt Surfaces	0.541709	0.062136	0.185590	0.128486	0.023783	0.006533	0.012157	0.009216	0.000814	0.000497	0.024669	0.000753	0.003657

5.0 Energy Detail

1900 Riverside Stable - South Coast AQMD Air District, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	46.2841	46.2841	1.6100e-003	2.0000e-004	46.3825
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	46.2841	46.2841	1.6100e-003	2.0000e-004	46.3825
NaturalGas Mitigated	9.6000e-004	8.7200e-003	7.3200e-003	5.0000e-005		6.6000e-004	6.6000e-004		6.6000e-004	6.6000e-004	0.0000	9.4893	9.4893	1.8000e-004	1.7000e-004	9.5457
NaturalGas Unmitigated	9.6000e-004	8.7200e-003	7.3200e-003	5.0000e-005		6.6000e-004	6.6000e-004		6.6000e-004	6.6000e-004	0.0000	9.4893	9.4893	1.8000e-004	1.7000e-004	9.5457

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**5.2 Energy by Land Use - NaturalGas****Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	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
Racquet Club	177822	9.6000e-004	8.7200e-003	7.3200e-003	5.0000e-005		6.6000e-004	6.6000e-004		6.6000e-004	6.6000e-004	0.0000	9.4893	9.4893	1.8000e-004	1.7000e-004	9.5457
Total		9.6000e-004	8.7200e-003	7.3200e-003	5.0000e-005		6.6000e-004	6.6000e-004		6.6000e-004	6.6000e-004	0.0000	9.4893	9.4893	1.8000e-004	1.7000e-004	9.5457

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	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
Racquet Club	177822	9.6000e-004	8.7200e-003	7.3200e-003	5.0000e-005		6.6000e-004	6.6000e-004		6.6000e-004	6.6000e-004	0.0000	9.4893	9.4893	1.8000e-004	1.7000e-004	9.5457
Total		9.6000e-004	8.7200e-003	7.3200e-003	5.0000e-005		6.6000e-004	6.6000e-004		6.6000e-004	6.6000e-004	0.0000	9.4893	9.4893	1.8000e-004	1.7000e-004	9.5457

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**5.3 Energy by Land Use - Electricity****Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Racquet Club	107525	46.2841	1.6100e-003	2.0000e-004	46.3825
Total		46.2841	1.6100e-003	2.0000e-004	46.3825

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Racquet Club	107525	46.2841	1.6100e-003	2.0000e-004	46.3825
Total		46.2841	1.6100e-003	2.0000e-004	46.3825

6.0 Area Detail

1900 Riverside Stable - South Coast AQMD Air District, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**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	0.0407	1.0000e-005	5.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1100e-003	1.1100e-003	0.0000	0.0000	1.1800e-003
Unmitigated	0.0407	1.0000e-005	5.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1100e-003	1.1100e-003	0.0000	0.0000	1.1800e-003

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	4.6400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0360					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-005	1.0000e-005	5.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1100e-003	1.1100e-003	0.0000	0.0000	1.1800e-003
Total	0.0407	1.0000e-005	5.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1100e-003	1.1100e-003	0.0000	0.0000	1.1800e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**6.2 Area by SubCategory****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	4.6400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0360					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-005	1.0000e-005	5.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1100e-003	1.1100e-003	0.0000	0.0000	1.1800e-003
Total	0.0407	1.0000e-005	5.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1100e-003	1.1100e-003	0.0000	0.0000	1.1800e-003

7.0 Water Detail**7.1 Mitigation Measures Water**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	21.5203	0.0799	1.9600e-003	24.1019
Unmitigated	21.5203	0.0799	1.9600e-003	24.1019

7.2 Water by Land Use**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Racquet Club	2.43078 / 1.48983	21.5203	0.0799	1.9600e-003	24.1019
Total		21.5203	0.0799	1.9600e-003	24.1019

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**7.2 Water by Land Use****Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Racquet Club	2.43078 / 1.48983	21.5203	0.0799	1.9600e-003	24.1019
Total		21.5203	0.0799	1.9600e-003	24.1019

8.0 Waste Detail**8.1 Mitigation Measures Waste****Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	47.5547	2.8104	0.0000	117.8147
Unmitigated	47.5547	2.8104	0.0000	117.8147

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**8.2 Waste by Land Use****Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Racquet Club	234.27	47.5547	2.8104	0.0000	117.8147
Total		47.5547	2.8104	0.0000	117.8147

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Racquet Club	234.27	47.5547	2.8104	0.0000	117.8147
Total		47.5547	2.8104	0.0000	117.8147

9.0 Operational Offroad

1900 Riverside Stable - South Coast AQMD Air District, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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

1900 Riverside Stable - South Coast AQMD Air District, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

1900 Riverside Stable
South Coast AQMD Air District, Summer**1.0 Project Characteristics****1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.50	1000sqft	0.08	3,500.00	0
Racquet Club	41.10	1000sqft	0.94	9,901.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	12			Operational Year	2025
Utility Company	Glendale Water and Power				
CO2 Intensity (lb/MWhr)	948.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - To demolish a 422 SF and 9,104 SF buildings (horse stables), and 536 SF and 3,224 SF operation buildings (14,286 SF total) and to construct 4,223 SF horse stable, 253 SF storage, 4,795 SF Kennel, and a 630 SF support building.

Land Use - 9,901 SF of Recreational Use (Horse stables, kennels, storage, and operational offices) and approximately 3,500 SF of asphalt surface parking lots.

Construction Phase - Demolition/site prep (1 month, 1 week), grading (1 month), construction (1 year), paving (1 month) and architectural coating (1 month).

Grading - grading will consist of 1,000 cubic yards of cut/fill (balanced grading onsite) on a 1.02 Acrea parcel.

Demolition - demolition of 4 buildings (14,286 SF total)

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	41,100.00	9,901.00
tblTripsAndVMT	HaulingTripNumber	0.00	250.00

2.0 Emissions Summary

1900 Riverside Stable - South Coast AQMD Air District, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not 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					
2024	1.4854	21.4004	14.0245	0.0567	8.2876	0.6349	8.9175	3.7540	0.5930	4.3357	0.0000	5,965.221 1	5,965.221 1	0.8669	0.6177	6,170.962 8
2025	9.4497	10.4957	12.6496	0.0230	0.1453	0.3933	0.4731	0.0385	0.3793	0.4007	0.0000	2,095.765 5	2,095.765 5	0.4140	6.6900e- 003	2,105.993 2
Maximum	9.4497	21.4004	14.0245	0.0567	8.2876	0.6349	8.9175	3.7540	0.5930	4.3357	0.0000	5,965.221 1	5,965.221 1	0.8669	0.6177	6,170.962 8

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					
2024	1.4854	21.4004	14.0245	0.0567	8.2876	0.6349	8.9175	3.7540	0.5930	4.3357	0.0000	5,965.221 1	5,965.221 1	0.8669	0.6177	6,170.962 8
2025	9.4497	10.4957	12.6496	0.0230	0.1453	0.3933	0.4731	0.0385	0.3793	0.4007	0.0000	2,095.765 5	2,095.765 5	0.4140	6.6900e- 003	2,105.993 2
Maximum	9.4497	21.4004	14.0245	0.0567	8.2876	0.6349	8.9175	3.7540	0.5930	4.3357	0.0000	5,965.221 1	5,965.221 1	0.8669	0.6177	6,170.962 8

1900 Riverside Stable - South Coast AQMD Air District, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

[illegible]

1900 Riverside Stable - South Coast AQMD Air District, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**2.2 Overall Operational****Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2231	4.0000e-005	4.5400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7600e-003	9.7600e-003	3.0000e-005		0.0104
Energy	5.2500e-003	0.0478	0.0401	2.9000e-004		3.6300e-003	3.6300e-003		3.6300e-003	3.6300e-003		57.3157	57.3157	1.1000e-003	1.0500e-003	57.6563
Mobile	1.9851	1.7823	16.5811	0.0353	3.7705	0.0257	3.7962	1.0048	0.0239	1.0287		3,595.442 1	3,595.442 1	0.2486	0.1632	3,650.287 0
Total	2.2135	1.8301	16.6258	0.0356	3.7705	0.0294	3.7998	1.0048	0.0276	1.0323		3,652.767 6	3,652.767 6	0.2497	0.1642	3,707.953 7

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2231	4.0000e-005	4.5400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7600e-003	9.7600e-003	3.0000e-005		0.0104
Energy	5.2500e-003	0.0478	0.0401	2.9000e-004		3.6300e-003	3.6300e-003		3.6300e-003	3.6300e-003		57.3157	57.3157	1.1000e-003	1.0500e-003	57.6563
Mobile	1.9851	1.7823	16.5811	0.0353	3.7705	0.0257	3.7962	1.0048	0.0239	1.0287		3,595.442 1	3,595.442 1	0.2486	0.1632	3,650.287 0
Total	2.2135	1.8301	16.6258	0.0356	3.7705	0.0294	3.7998	1.0048	0.0276	1.0323		3,652.767 6	3,652.767 6	0.2497	0.1642	3,707.953 7

1900 Riverside Stable - South Coast AQMD Air District, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not 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
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

3.0 Construction Detail**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/18/2024	4/12/2024	5	20	
2	Site Preparation	Site Preparation	4/13/2024	4/16/2024	5	2	
3	Grading	Grading	4/17/2024	4/22/2024	5	4	
4	Building Construction	Building Construction	4/23/2024	1/27/2025	5	200	
5	Paving	Paving	1/28/2025	2/10/2025	5	10	
6	Architectural Coating	Architectural Coating	2/11/2025	2/24/2025	5	10	

Acres of Grading (Site Preparation Phase): 1.88**Acres of Grading (Grading Phase): 4****Acres of Paving: 0.08****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 14,852; Non-Residential Outdoor: 4,951; Striped Parking Area: 210 (Architectural Coating – sqft)****OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	6.00	231	0.29
Site Preparation	Graders	1	8.00	187	0.41

1900 Riverside Stable - South Coast AQMD Air District, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	187	0.41
Paving	Pavers	1	6.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Welders	3	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
Demolition	5	13.00	0.00	65.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	250.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	6.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

1900 Riverside Stable - South Coast AQMD Air District, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.2 Demolition - 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					0.7031	0.0000	0.7031	0.1065	0.0000	0.1065			0.0000			0.0000
Off-Road	1.4397	13.8867	13.4879	0.0241		0.6311	0.6311		0.5895	0.5895		2,324.945 9	2,324.945 9	0.5884		2,339.656 2
Total	1.4397	13.8867	13.4879	0.0241	0.7031	0.6311	1.3342	0.1065	0.5895	0.6959		2,324.945 9	2,324.945 9	0.5884		2,339.656 2

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	6.9600e-003	0.3933	0.1119	1.8300e-003	0.0569	2.9700e-003	0.0598	0.0156	2.8400e-003	0.0184		201.4259	201.4259	0.0114	0.0320	211.2500
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	0.0000	0.0000	0.0000
Worker	0.0387	0.0249	0.4247	1.2400e-003	0.1453	7.8000e-004	0.1461	0.0385	7.2000e-004	0.0393		124.8862	124.8862	2.8200e-003	2.7400e-003	125.7721
Total	0.0457	0.4182	0.5366	3.0700e-003	0.2022	3.7500e-003	0.2059	0.0541	3.5600e-003	0.0577		326.3121	326.3121	0.0142	0.0348	337.0220

1900 Riverside Stable - South Coast AQMD Air District, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.2 Demolition - 2024****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					0.7031	0.0000	0.7031	0.1065	0.0000	0.1065			0.0000			0.0000
Off-Road	1.4397	13.8867	13.4879	0.0241		0.6311	0.6311		0.5895	0.5895	0.0000	2,324.945 9	2,324.945 9	0.5884		2,339.656 2
Total	1.4397	13.8867	13.4879	0.0241	0.7031	0.6311	1.3342	0.1065	0.5895	0.6959	0.0000	2,324.945 9	2,324.945 9	0.5884		2,339.656 2

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	6.9600e-003	0.3933	0.1119	1.8300e-003	0.0569	2.9700e-003	0.0598	0.0156	2.8400e-003	0.0184		201.4259	201.4259	0.0114	0.0320	211.2500
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	0.0000	0.0000	0.0000
Worker	0.0387	0.0249	0.4247	1.2400e-003	0.1453	7.8000e-004	0.1461	0.0385	7.2000e-004	0.0393		124.8862	124.8862	2.8200e-003	2.7400e-003	125.7721
Total	0.0457	0.4182	0.5366	3.0700e-003	0.2022	3.7500e-003	0.2059	0.0541	3.5600e-003	0.0577		326.3121	326.3121	0.0142	0.0348	337.0220

1900 Riverside Stable - South Coast AQMD Air District, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.3 Site Preparation - 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					6.2662	0.0000	6.2662	3.0041	0.0000	3.0041			0.0000			0.0000
Off-Road	1.1067	11.8407	6.6317	0.0172		0.4823	0.4823		0.4437	0.4437		1,665.882 6	1,665.882 6	0.5388		1,679.352 1
Total	1.1067	11.8407	6.6317	0.0172	6.2662	0.4823	6.7485	3.0041	0.4437	3.4478		1,665.882 6	1,665.882 6	0.5388		1,679.352 1

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	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	0.0000	0.0000	0.0000
Worker	0.0238	0.0153	0.2614	7.6000e-004	0.0894	4.8000e-004	0.0899	0.0237	4.4000e-004	0.0242		76.8531	76.8531	1.7400e-003	1.6800e-003	77.3982
Total	0.0238	0.0153	0.2614	7.6000e-004	0.0894	4.8000e-004	0.0899	0.0237	4.4000e-004	0.0242		76.8531	76.8531	1.7400e-003	1.6800e-003	77.3982

1900 Riverside Stable - South Coast AQMD Air District, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.3 Site Preparation - 2024****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					6.2662	0.0000	6.2662	3.0041	0.0000	3.0041			0.0000			0.0000
Off-Road	1.1067	11.8407	6.6317	0.0172		0.4823	0.4823		0.4437	0.4437	0.0000	1,665.882 6	1,665.882 6	0.5388		1,679.352 1
Total	1.1067	11.8407	6.6317	0.0172	6.2662	0.4823	6.7485	3.0041	0.4437	3.4478	0.0000	1,665.882 6	1,665.882 6	0.5388		1,679.352 1

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	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	0.0000	0.0000	0.0000
Worker	0.0238	0.0153	0.2614	7.6000e-004	0.0894	4.8000e-004	0.0899	0.0237	4.4000e-004	0.0242		76.8531	76.8531	1.7400e-003	1.6800e-003	77.3982
Total	0.0238	0.0153	0.2614	7.6000e-004	0.0894	4.8000e-004	0.0899	0.0237	4.4000e-004	0.0242		76.8531	76.8531	1.7400e-003	1.6800e-003	77.3982

1900 Riverside Stable - South Coast AQMD Air District, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.4 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					7.0826	0.0000	7.0826	3.4247	0.0000	3.4247			0.0000			0.0000
Off-Road	1.3015	13.8178	8.6998	0.0206		0.5722	0.5722		0.5265	0.5265		1,995.580 3	1,995.580 3	0.6454		2,011.715 5
Total	1.3015	13.8178	8.6998	0.0206	7.0826	0.5722	7.6548	3.4247	0.5265	3.9512		1,995.580 3	1,995.580 3	0.6454		2,011.715 5

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	0.1338	7.5634	2.1521	0.0352	1.0932	0.0571	1.1503	0.2997	0.0546	0.3543		3,873.574 5	3,873.574 5	0.2193	0.6156	4,062.499 5
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	0.0000	0.0000	0.0000
Worker	0.0298	0.0191	0.3267	9.5000e-004	0.1118	6.0000e-004	0.1124	0.0296	5.5000e-004	0.0302		96.0663	96.0663	2.1700e-003	2.1000e-003	96.7477
Total	0.1636	7.5826	2.4788	0.0361	1.2050	0.0577	1.2627	0.3293	0.0552	0.3845		3,969.640 8	3,969.640 8	0.2215	0.6177	4,159.247 2

1900 Riverside Stable - South Coast AQMD Air District, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.4 Grading - 2024****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					7.0826	0.0000	7.0826	3.4247	0.0000	3.4247			0.0000			0.0000
Off-Road	1.3015	13.8178	8.6998	0.0206		0.5722	0.5722		0.5265	0.5265	0.0000	1,995.580 3	1,995.580 3	0.6454		2,011.715 5
Total	1.3015	13.8178	8.6998	0.0206	7.0826	0.5722	7.6548	3.4247	0.5265	3.9512	0.0000	1,995.580 3	1,995.580 3	0.6454		2,011.715 5

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	0.1338	7.5634	2.1521	0.0352	1.0932	0.0571	1.1503	0.2997	0.0546	0.3543		3,873.574 5	3,873.574 5	0.2193	0.6156	4,062.499 5
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	0.0000	0.0000	0.0000
Worker	0.0298	0.0191	0.3267	9.5000e-004	0.1118	6.0000e-004	0.1124	0.0296	5.5000e-004	0.0302		96.0663	96.0663	2.1700e-003	2.1000e-003	96.7477
Total	0.1636	7.5826	2.4788	0.0361	1.2050	0.0577	1.2627	0.3293	0.0552	0.3845		3,969.640 8	3,969.640 8	0.2215	0.6177	4,159.247 2

1900 Riverside Stable - South Coast AQMD Air District, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building Construction - 2024****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348		2,001.921 4	2,001.921 4	0.3334		2,010.256 3
Total	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348		2,001.921 4	2,001.921 4	0.3334		2,010.256 3

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	0.0000	0.0000	0.0000	0.0000
Vendor	2.1600e-003	0.0729	0.0281	3.6000e-004	0.0128	4.2000e-004	0.0132	3.6900e-003	4.1000e-004	4.0900e-003		38.6422	38.6422	1.3200e-003	5.6000e-003	40.3446
Worker	0.0179	0.0115	0.1960	5.7000e-004	0.0671	3.6000e-004	0.0674	0.0178	3.3000e-004	0.0181		57.6398	57.6398	1.3000e-003	1.2600e-003	58.0486
Total	0.0200	0.0844	0.2241	9.3000e-004	0.0799	7.8000e-004	0.0807	0.0215	7.4000e-004	0.0222		96.2820	96.2820	2.6200e-003	6.8600e-003	98.3933

1900 Riverside Stable - South Coast AQMD Air District, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building Construction - 2024****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	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348	0.0000	2,001.921 4	2,001.921 4	0.3334		2,010.256 3
Total	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348	0.0000	2,001.921 4	2,001.921 4	0.3334		2,010.256 3

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	0.0000	0.0000	0.0000	0.0000
Vendor	2.1600e-003	0.0729	0.0281	3.6000e-004	0.0128	4.2000e-004	0.0132	3.6900e-003	4.1000e-004	4.0900e-003		38.6422	38.6422	1.3200e-003	5.6000e-003	40.3446
Worker	0.0179	0.0115	0.1960	5.7000e-004	0.0671	3.6000e-004	0.0674	0.0178	3.3000e-004	0.0181		57.6398	57.6398	1.3000e-003	1.2600e-003	58.0486
Total	0.0200	0.0844	0.2241	9.3000e-004	0.0799	7.8000e-004	0.0807	0.0215	7.4000e-004	0.0222		96.2820	96.2820	2.6200e-003	6.8600e-003	98.3933

1900 Riverside Stable - South Coast AQMD Air District, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building Construction - 2025****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3246	10.4128	12.4393	0.0221		0.3925	0.3925		0.3785	0.3785		2,002.1524	2,002.1524	0.3269		2,010.3248
Total	1.3246	10.4128	12.4393	0.0221		0.3925	0.3925		0.3785	0.3785		2,002.1524	2,002.1524	0.3269		2,010.3248

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	0.0000	0.0000	0.0000	0.0000
Vendor	2.1100e-003	0.0726	0.0277	3.5000e-004	0.0128	4.3000e-004	0.0132	3.6900e-003	4.1000e-004	4.0900e-003		37.9379	37.9379	1.3200e-003	5.5100e-003	39.6119
Worker	0.0167	0.0103	0.1826	5.5000e-004	0.0671	3.4000e-004	0.0674	0.0178	3.2000e-004	0.0181		55.6753	55.6753	1.1800e-003	1.1800e-003	56.0565
Total	0.0189	0.0829	0.2103	9.0000e-004	0.0799	7.7000e-004	0.0806	0.0215	7.3000e-004	0.0222		93.6131	93.6131	2.5000e-003	6.6900e-003	95.6684

1900 Riverside Stable - South Coast AQMD Air District, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building Construction - 2025****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	1.3246	10.4128	12.4393	0.0221		0.3925	0.3925		0.3785	0.3785	0.0000	2,002.1524	2,002.1524	0.3269		2,010.3248
Total	1.3246	10.4128	12.4393	0.0221		0.3925	0.3925		0.3785	0.3785	0.0000	2,002.1524	2,002.1524	0.3269		2,010.3248

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	0.0000	0.0000	0.0000	0.0000
Vendor	2.1100e-003	0.0726	0.0277	3.5000e-004	0.0128	4.3000e-004	0.0132	3.6900e-003	4.1000e-004	4.0900e-003		37.9379	37.9379	1.3200e-003	5.5100e-003	39.6119
Worker	0.0167	0.0103	0.1826	5.5000e-004	0.0671	3.4000e-004	0.0674	0.0178	3.2000e-004	0.0181		55.6753	55.6753	1.1800e-003	1.1800e-003	56.0565
Total	0.0189	0.0829	0.2103	9.0000e-004	0.0799	7.7000e-004	0.0806	0.0215	7.3000e-004	0.0222		93.6131	93.6131	2.5000e-003	6.6900e-003	95.6684

1900 Riverside Stable - South Coast AQMD Air District, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.6 Paving - 2025****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5732	5.3259	8.7951	0.0136		0.2465	0.2465		0.2276	0.2276		1,297.809 6	1,297.809 6	0.4114		1,308.095 1
Paving	0.0210					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5942	5.3259	8.7951	0.0136		0.2465	0.2465		0.2276	0.2276		1,297.809 6	1,297.809 6	0.4114		1,308.095 1

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	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	0.0000	0.0000	0.0000
Worker	0.0363	0.0224	0.3956	1.1900e-003	0.1453	7.4000e-004	0.1461	0.0385	6.8000e-004	0.0392		120.6297	120.6297	2.5500e-003	2.5600e-003	121.4558
Total	0.0363	0.0224	0.3956	1.1900e-003	0.1453	7.4000e-004	0.1461	0.0385	6.8000e-004	0.0392		120.6297	120.6297	2.5500e-003	2.5600e-003	121.4558

1900 Riverside Stable - South Coast AQMD Air District, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.6 Paving - 2025****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	0.5732	5.3259	8.7951	0.0136		0.2465	0.2465		0.2276	0.2276	0.0000	1,297.809 6	1,297.809 6	0.4114		1,308.095 1
Paving	0.0210					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5942	5.3259	8.7951	0.0136		0.2465	0.2465		0.2276	0.2276	0.0000	1,297.809 6	1,297.809 6	0.4114		1,308.095 1

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	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	0.0000	0.0000	0.0000
Worker	0.0363	0.0224	0.3956	1.1900e-003	0.1453	7.4000e-004	0.1461	0.0385	6.8000e-004	0.0392		120.6297	120.6297	2.5500e-003	2.5600e-003	121.4558
Total	0.0363	0.0224	0.3956	1.1900e-003	0.1453	7.4000e-004	0.1461	0.0385	6.8000e-004	0.0392		120.6297	120.6297	2.5500e-003	2.5600e-003	121.4558

1900 Riverside Stable - South Coast AQMD Air District, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.7 Architectural Coating - 2025****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.2760					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	9.4469	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

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	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	0.0000	0.0000	0.0000
Worker	2.7900e-003	1.7200e-003	0.0304	9.0000e-005	0.0112	6.0000e-005	0.0112	2.9600e-003	5.0000e-005	3.0200e-003		9.2792	9.2792	2.0000e-004	2.0000e-004	9.3428
Total	2.7900e-003	1.7200e-003	0.0304	9.0000e-005	0.0112	6.0000e-005	0.0112	2.9600e-003	5.0000e-005	3.0200e-003		9.2792	9.2792	2.0000e-004	2.0000e-004	9.3428

1900 Riverside Stable - South Coast AQMD Air District, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.7 Architectural Coating - 2025****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	9.2760					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	9.4469	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

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	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	0.0000	0.0000	0.0000
Worker	2.7900e-003	1.7200e-003	0.0304	9.0000e-005	0.0112	6.0000e-005	0.0112	2.9600e-003	5.0000e-005	3.0200e-003		9.2792	9.2792	2.0000e-004	2.0000e-004	9.3428
Total	2.7900e-003	1.7200e-003	0.0304	9.0000e-005	0.0112	6.0000e-005	0.0112	2.9600e-003	5.0000e-005	3.0200e-003		9.2792	9.2792	2.0000e-004	2.0000e-004	9.3428

1900 Riverside Stable - South Coast AQMD Air District, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**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	1.9851	1.7823	16.5811	0.0353	3.7705	0.0257	3.7962	1.0048	0.0239	1.0287		3,595.442 1	3,595.442 1	0.2486	0.1632	3,650.287 0
Unmitigated	1.9851	1.7823	16.5811	0.0353	3.7705	0.0257	3.7962	1.0048	0.0239	1.0287		3,595.442 1	3,595.442 1	0.2486	0.1632	3,650.287 0

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Racquet Club	576.63	877.49	715.14	1,303,889	1,303,889
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	576.63	877.49	715.14	1,303,889	1,303,889

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
Racquet Club	16.60	8.40	6.90	11.50	69.50	19.00	52	39	9
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

1900 Riverside Stable - South Coast AQMD Air District, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Racquet Club	0.541709	0.062136	0.185590	0.128486	0.023783	0.006533	0.012157	0.009216	0.000814	0.000497	0.024669	0.000753	0.003657
Other Asphalt Surfaces	0.541709	0.062136	0.185590	0.128486	0.023783	0.006533	0.012157	0.009216	0.000814	0.000497	0.024669	0.000753	0.003657

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	lb/day										lb/day					
NaturalGas Mitigated	5.2500e-003	0.0478	0.0401	2.9000e-004		3.6300e-003	3.6300e-003		3.6300e-003	3.6300e-003		57.3157	57.3157	1.1000e-003	1.0500e-003	57.6563
NaturalGas Unmitigated	5.2500e-003	0.0478	0.0401	2.9000e-004		3.6300e-003	3.6300e-003		3.6300e-003	3.6300e-003		57.3157	57.3157	1.1000e-003	1.0500e-003	57.6563

1900 Riverside Stable - South Coast AQMD Air District, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**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					
Other Asphalt Surfaces	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
Racquet Club	487.183	5.2500e-003	0.0478	0.0401	2.9000e-004		3.6300e-003	3.6300e-003		3.6300e-003	3.6300e-003		57.3157	57.3157	1.1000e-003	1.0500e-003	57.6563
Total		5.2500e-003	0.0478	0.0401	2.9000e-004		3.6300e-003	3.6300e-003		3.6300e-003	3.6300e-003		57.3157	57.3157	1.1000e-003	1.0500e-003	57.6563

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					
Other Asphalt Surfaces	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
Racquet Club	0.487183	5.2500e-003	0.0478	0.0401	2.9000e-004		3.6300e-003	3.6300e-003		3.6300e-003	3.6300e-003		57.3157	57.3157	1.1000e-003	1.0500e-003	57.6563
Total		5.2500e-003	0.0478	0.0401	2.9000e-004		3.6300e-003	3.6300e-003		3.6300e-003	3.6300e-003		57.3157	57.3157	1.1000e-003	1.0500e-003	57.6563

6.0 Area Detail

1900 Riverside Stable - South Coast AQMD Air District, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.2231	4.0000e-005	4.5400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7600e-003	9.7600e-003	3.0000e-005		0.0104
Unmitigated	0.2231	4.0000e-005	4.5400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7600e-003	9.7600e-003	3.0000e-005		0.0104

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	0.0254					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1973					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.2000e-004	4.0000e-005	4.5400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7600e-003	9.7600e-003	3.0000e-005		0.0104
Total	0.2231	4.0000e-005	4.5400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7600e-003	9.7600e-003	3.0000e-005		0.0104

1900 Riverside Stable - South Coast AQMD Air District, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**6.2 Area by SubCategory****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	0.0254					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1973					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.2000e-004	4.0000e-005	4.5400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7600e-003	9.7600e-003	3.0000e-005		0.0104
Total	0.2231	4.0000e-005	4.5400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7600e-003	9.7600e-003	3.0000e-005		0.0104

7.0 Water Detail**7.1 Mitigation Measures Water**

1900 Riverside Stable - South Coast AQMD Air District, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

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

1900 Riverside Stable - South Coast AQMD Air District, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

1900 Riverside Stable
South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	3.50	1000sqft	0.08	3,500.00	0
Racquet Club	41.10	1000sqft	0.94	9,901.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	12			Operational Year	2025
Utility Company	Glendale Water and Power				
CO2 Intensity (lb/MWhr)	948.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - To demolish a 422 SF and 9,104 SF buildings (horse stables), and 536 SF and 3,224 SF operation buildings (14,286 SF total) and to construct 4,223 SF horse stable, 253 SF storage, 4,795 SF Kennel, and a 630 SF support building.

Land Use - 9,901 SF of Recreational Use (Horse stables, kennels, storage, and operational offices) and approximately 3,500 SF of asphalt surface parking lots.

Construction Phase - Demolition/site prep (1 month, 1 week), grading (1 month), construction (1 year), paving (1 month) and architectural coating (1 month).

Grading - grading will constist of 1,000 cubic yards of cut/fill (balanced grading onsite) on a 1.02 Acrea parcel.

Demolition - demolition of 4 buildings (14,286 SF total)

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	41,100.00	9,901.00
tblTripsAndVMT	HaulingTripNumber	0.00	250.00

2.0 Emissions Summary

1900 Riverside Stable - South Coast AQMD Air District, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not 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					
2024	1.4872	21.7632	13.9860	0.0567	8.2876	0.6349	8.9177	3.7540	0.5930	4.3358	0.0000	5,964.0597	5,964.0597	0.8664	0.6185	6,170.0395
2025	9.4499	10.5003	12.6334	0.0229	0.1453	0.3933	0.4731	0.0385	0.3793	0.4007	0.0000	2,092.6119	2,092.6119	0.4140	6.7700e-003	2,102.8653
Maximum	9.4499	21.7632	13.9860	0.0567	8.2876	0.6349	8.9177	3.7540	0.5930	4.3358	0.0000	5,964.0597	5,964.0597	0.8664	0.6185	6,170.0395

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					
2024	1.4872	21.7632	13.9860	0.0567	8.2876	0.6349	8.9177	3.7540	0.5930	4.3358	0.0000	5,964.0597	5,964.0597	0.8664	0.6185	6,170.0395
2025	9.4499	10.5003	12.6334	0.0229	0.1453	0.3933	0.4731	0.0385	0.3793	0.4007	0.0000	2,092.6119	2,092.6119	0.4140	6.7700e-003	2,102.8653
Maximum	9.4499	21.7632	13.9860	0.0567	8.2876	0.6349	8.9177	3.7540	0.5930	4.3358	0.0000	5,964.0597	5,964.0597	0.8664	0.6185	6,170.0395

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

[illegible]

1900 Riverside Stable - South Coast AQMD Air District, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**2.2 Overall Operational****Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2231	4.0000e-005	4.5400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7600e-003	9.7600e-003	3.0000e-005		0.0104
Energy	5.2500e-003	0.0478	0.0401	2.9000e-004		3.6300e-003	3.6300e-003		3.6300e-003	3.6300e-003		57.3157	57.3157	1.1000e-003	1.0500e-003	57.6563
Mobile	1.8908	1.9147	16.3498	0.0337	3.7705	0.0257	3.7962	1.0048	0.0239	1.0287		3,433.0005	3,433.0005	0.2590	0.1698	3,490.0663
Total	2.1192	1.9625	16.3945	0.0339	3.7705	0.0294	3.7999	1.0048	0.0276	1.0324		3,490.3260	3,490.3260	0.2602	0.1708	3,547.7330

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2231	4.0000e-005	4.5400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7600e-003	9.7600e-003	3.0000e-005		0.0104
Energy	5.2500e-003	0.0478	0.0401	2.9000e-004		3.6300e-003	3.6300e-003		3.6300e-003	3.6300e-003		57.3157	57.3157	1.1000e-003	1.0500e-003	57.6563
Mobile	1.8908	1.9147	16.3498	0.0337	3.7705	0.0257	3.7962	1.0048	0.0239	1.0287		3,433.0005	3,433.0005	0.2590	0.1698	3,490.0663
Total	2.1192	1.9625	16.3945	0.0339	3.7705	0.0294	3.7999	1.0048	0.0276	1.0324		3,490.3260	3,490.3260	0.2602	0.1708	3,547.7330

1900 Riverside Stable - South Coast AQMD Air District, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not 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
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

3.0 Construction Detail**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/18/2024	4/12/2024	5	20	
2	Site Preparation	Site Preparation	4/13/2024	4/16/2024	5	2	
3	Grading	Grading	4/17/2024	4/22/2024	5	4	
4	Building Construction	Building Construction	4/23/2024	1/27/2025	5	200	
5	Paving	Paving	1/28/2025	2/10/2025	5	10	
6	Architectural Coating	Architectural Coating	2/11/2025	2/24/2025	5	10	

Acres of Grading (Site Preparation Phase): 1.88**Acres of Grading (Grading Phase): 4****Acres of Paving: 0.08****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 14,852; Non-Residential Outdoor: 4,951; Striped Parking Area: 210 (Architectural Coating – sqft)****OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	6.00	231	0.29
Site Preparation	Graders	1	8.00	187	0.41

1900 Riverside Stable - South Coast AQMD Air District, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	187	0.41
Paving	Pavers	1	6.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Welders	3	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
Demolition	5	13.00	0.00	65.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	250.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	6.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

1900 Riverside Stable - South Coast AQMD Air District, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.2 Demolition - 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					0.7031	0.0000	0.7031	0.1065	0.0000	0.1065			0.0000			0.0000
Off-Road	1.4397	13.8867	13.4879	0.0241		0.6311	0.6311		0.5895	0.5895		2,324.945 9	2,324.945 9	0.5884		2,339.656 2
Total	1.4397	13.8867	13.4879	0.0241	0.7031	0.6311	1.3342	0.1065	0.5895	0.6959		2,324.945 9	2,324.945 9	0.5884		2,339.656 2

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	6.4900e-003	0.4121	0.1135	1.8300e-003	0.0569	2.9800e-003	0.0598	0.0156	2.8500e-003	0.0184		201.6552	201.6552	0.0114	0.0321	211.4897
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	0.0000	0.0000	0.0000
Worker	0.0410	0.0272	0.3845	1.1600e-003	0.1453	7.8000e-004	0.1461	0.0385	7.2000e-004	0.0393		117.6437	117.6437	2.8700e-003	2.9000e-003	118.5797
Total	0.0475	0.4393	0.4980	2.9900e-003	0.2022	3.7600e-003	0.2059	0.0541	3.5700e-003	0.0577		319.2989	319.2989	0.0143	0.0350	330.0694

1900 Riverside Stable - South Coast AQMD Air District, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.2 Demolition - 2024****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					0.7031	0.0000	0.7031	0.1065	0.0000	0.1065			0.0000			0.0000
Off-Road	1.4397	13.8867	13.4879	0.0241		0.6311	0.6311		0.5895	0.5895	0.0000	2,324.945 9	2,324.945 9	0.5884		2,339.656 2
Total	1.4397	13.8867	13.4879	0.0241	0.7031	0.6311	1.3342	0.1065	0.5895	0.6959	0.0000	2,324.945 9	2,324.945 9	0.5884		2,339.656 2

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	6.4900e-003	0.4121	0.1135	1.8300e-003	0.0569	2.9800e-003	0.0598	0.0156	2.8500e-003	0.0184		201.6552	201.6552	0.0114	0.0321	211.4897
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	0.0000	0.0000	0.0000
Worker	0.0410	0.0272	0.3845	1.1600e-003	0.1453	7.8000e-004	0.1461	0.0385	7.2000e-004	0.0393		117.6437	117.6437	2.8700e-003	2.9000e-003	118.5797
Total	0.0475	0.4393	0.4980	2.9900e-003	0.2022	3.7600e-003	0.2059	0.0541	3.5700e-003	0.0577		319.2989	319.2989	0.0143	0.0350	330.0694

1900 Riverside Stable - South Coast AQMD Air District, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.3 Site Preparation - 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					6.2662	0.0000	6.2662	3.0041	0.0000	3.0041			0.0000			0.0000
Off-Road	1.1067	11.8407	6.6317	0.0172		0.4823	0.4823		0.4437	0.4437		1,665.8826	1,665.8826	0.5388		1,679.3521
Total	1.1067	11.8407	6.6317	0.0172	6.2662	0.4823	6.7485	3.0041	0.4437	3.4478		1,665.8826	1,665.8826	0.5388		1,679.3521

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	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	0.0000	0.0000	0.0000
Worker	0.0252	0.0167	0.2366	7.2000e-004	0.0894	4.8000e-004	0.0899	0.0237	4.4000e-004	0.0242		72.3961	72.3961	1.7600e-003	1.7800e-003	72.9722
Total	0.0252	0.0167	0.2366	7.2000e-004	0.0894	4.8000e-004	0.0899	0.0237	4.4000e-004	0.0242		72.3961	72.3961	1.7600e-003	1.7800e-003	72.9722

1900 Riverside Stable - South Coast AQMD Air District, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.3 Site Preparation - 2024****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					6.2662	0.0000	6.2662	3.0041	0.0000	3.0041			0.0000			0.0000
Off-Road	1.1067	11.8407	6.6317	0.0172		0.4823	0.4823		0.4437	0.4437	0.0000	1,665.882 6	1,665.882 6	0.5388		1,679.352 1
Total	1.1067	11.8407	6.6317	0.0172	6.2662	0.4823	6.7485	3.0041	0.4437	3.4478	0.0000	1,665.882 6	1,665.882 6	0.5388		1,679.352 1

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	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	0.0000	0.0000	0.0000
Worker	0.0252	0.0167	0.2366	7.2000e-004	0.0894	4.8000e-004	0.0899	0.0237	4.4000e-004	0.0242		72.3961	72.3961	1.7600e-003	1.7800e-003	72.9722
Total	0.0252	0.0167	0.2366	7.2000e-004	0.0894	4.8000e-004	0.0899	0.0237	4.4000e-004	0.0242		72.3961	72.3961	1.7600e-003	1.7800e-003	72.9722

1900 Riverside Stable - South Coast AQMD Air District, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.4 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					7.0826	0.0000	7.0826	3.4247	0.0000	3.4247			0.0000			0.0000
Off-Road	1.3015	13.8178	8.6998	0.0206		0.5722	0.5722		0.5265	0.5265		1,995.580 3	1,995.580 3	0.6454		2,011.715 5
Total	1.3015	13.8178	8.6998	0.0206	7.0826	0.5722	7.6548	3.4247	0.5265	3.9512		1,995.580 3	1,995.580 3	0.6454		2,011.715 5

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	0.1248	7.9244	2.1827	0.0352	1.0932	0.0572	1.1504	0.2997	0.0547	0.3544		3,877.984 3	3,877.984 3	0.2188	0.6163	4,067.108 8
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	0.0000	0.0000	0.0000
Worker	0.0316	0.0209	0.2958	9.0000e-004	0.1118	6.0000e-004	0.1124	0.0296	5.5000e-004	0.0302		90.4952	90.4952	2.2100e-003	2.2300e-003	91.2152
Total	0.1564	7.9454	2.4785	0.0361	1.2050	0.0578	1.2628	0.3293	0.0553	0.3846		3,968.479 5	3,968.479 5	0.2210	0.6185	4,158.324 0

1900 Riverside Stable - South Coast AQMD Air District, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.4 Grading - 2024****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					7.0826	0.0000	7.0826	3.4247	0.0000	3.4247			0.0000			0.0000
Off-Road	1.3015	13.8178	8.6998	0.0206		0.5722	0.5722		0.5265	0.5265	0.0000	1,995.580 3	1,995.580 3	0.6454		2,011.715 5
Total	1.3015	13.8178	8.6998	0.0206	7.0826	0.5722	7.6548	3.4247	0.5265	3.9512	0.0000	1,995.580 3	1,995.580 3	0.6454		2,011.715 5

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	0.1248	7.9244	2.1827	0.0352	1.0932	0.0572	1.1504	0.2997	0.0547	0.3544		3,877.984 3	3,877.984 3	0.2188	0.6163	4,067.108 8
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	0.0000	0.0000	0.0000
Worker	0.0316	0.0209	0.2958	9.0000e-004	0.1118	6.0000e-004	0.1124	0.0296	5.5000e-004	0.0302		90.4952	90.4952	2.2100e-003	2.2300e-003	91.2152
Total	0.1564	7.9454	2.4785	0.0361	1.2050	0.0578	1.2628	0.3293	0.0553	0.3846		3,968.479 5	3,968.479 5	0.2210	0.6185	4,158.324 0

1900 Riverside Stable - South Coast AQMD Air District, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building Construction - 2024****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348		2,001.921 4	2,001.921 4	0.3334		2,010.256 3
Total	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348		2,001.921 4	2,001.921 4	0.3334		2,010.256 3

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	0.0000	0.0000	0.0000	0.0000
Vendor	2.0600e-003	0.0766	0.0290	3.6000e-004	0.0128	4.3000e-004	0.0132	3.6900e-003	4.1000e-004	4.0900e-003		38.7132	38.7132	1.3100e-003	5.6200e-003	40.4199
Worker	0.0189	0.0126	0.1775	5.4000e-004	0.0671	3.6000e-004	0.0674	0.0178	3.3000e-004	0.0181		54.2971	54.2971	1.3200e-003	1.3400e-003	54.7291
Total	0.0210	0.0891	0.2065	9.0000e-004	0.0799	7.9000e-004	0.0807	0.0215	7.4000e-004	0.0222		93.0103	93.0103	2.6300e-003	6.9600e-003	95.1490

1900 Riverside Stable - South Coast AQMD Air District, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building Construction - 2024****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	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348	0.0000	2,001.921 4	2,001.921 4	0.3334		2,010.256 3
Total	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348	0.0000	2,001.921 4	2,001.921 4	0.3334		2,010.256 3

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	0.0000	0.0000	0.0000	0.0000
Vendor	2.0600e-003	0.0766	0.0290	3.6000e-004	0.0128	4.3000e-004	0.0132	3.6900e-003	4.1000e-004	4.0900e-003		38.7132	38.7132	1.3100e-003	5.6200e-003	40.4199
Worker	0.0189	0.0126	0.1775	5.4000e-004	0.0671	3.6000e-004	0.0674	0.0178	3.3000e-004	0.0181		54.2971	54.2971	1.3200e-003	1.3400e-003	54.7291
Total	0.0210	0.0891	0.2065	9.0000e-004	0.0799	7.9000e-004	0.0807	0.0215	7.4000e-004	0.0222		93.0103	93.0103	2.6300e-003	6.9600e-003	95.1490

1900 Riverside Stable - South Coast AQMD Air District, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building Construction - 2025****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3246	10.4128	12.4393	0.0221		0.3925	0.3925		0.3785	0.3785		2,002.1524	2,002.1524	0.3269		2,010.3248
Total	1.3246	10.4128	12.4393	0.0221		0.3925	0.3925		0.3785	0.3785		2,002.1524	2,002.1524	0.3269		2,010.3248

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	0.0000	0.0000	0.0000	0.0000
Vendor	2.0100e-003	0.0762	0.0286	3.5000e-004	0.0128	4.3000e-004	0.0132	3.6900e-003	4.1000e-004	4.1000e-003		38.0086	38.0086	1.3200e-003	5.5200e-003	39.6868
Worker	0.0178	0.0113	0.1654	5.2000e-004	0.0671	3.4000e-004	0.0674	0.0178	3.2000e-004	0.0181		52.4508	52.4508	1.2000e-003	1.2500e-003	52.8537
Total	0.0198	0.0875	0.1940	8.7000e-004	0.0799	7.7000e-004	0.0806	0.0215	7.3000e-004	0.0222		90.4595	90.4595	2.5200e-003	6.7700e-003	92.5405

1900 Riverside Stable - South Coast AQMD Air District, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building Construction - 2025****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	1.3246	10.4128	12.4393	0.0221		0.3925	0.3925		0.3785	0.3785	0.0000	2,002.1524	2,002.1524	0.3269		2,010.3248
Total	1.3246	10.4128	12.4393	0.0221		0.3925	0.3925		0.3785	0.3785	0.0000	2,002.1524	2,002.1524	0.3269		2,010.3248

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	0.0000	0.0000	0.0000	0.0000
Vendor	2.0100e-003	0.0762	0.0286	3.5000e-004	0.0128	4.3000e-004	0.0132	3.6900e-003	4.1000e-004	4.1000e-003		38.0086	38.0086	1.3200e-003	5.5200e-003	39.6868
Worker	0.0178	0.0113	0.1654	5.2000e-004	0.0671	3.4000e-004	0.0674	0.0178	3.2000e-004	0.0181		52.4508	52.4508	1.2000e-003	1.2500e-003	52.8537
Total	0.0198	0.0875	0.1940	8.7000e-004	0.0799	7.7000e-004	0.0806	0.0215	7.3000e-004	0.0222		90.4595	90.4595	2.5200e-003	6.7700e-003	92.5405

1900 Riverside Stable - South Coast AQMD Air District, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.6 Paving - 2025****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5732	5.3259	8.7951	0.0136		0.2465	0.2465		0.2276	0.2276		1,297.809 6	1,297.809 6	0.4114		1,308.095 1
Paving	0.0210					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5942	5.3259	8.7951	0.0136		0.2465	0.2465		0.2276	0.2276		1,297.809 6	1,297.809 6	0.4114		1,308.095 1

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	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	0.0000	0.0000	0.0000
Worker	0.0385	0.0244	0.3584	1.1200e-003	0.1453	7.4000e-004	0.1461	0.0385	6.8000e-004	0.0392		113.6435	113.6435	2.5900e-003	2.7100e-003	114.5163
Total	0.0385	0.0244	0.3584	1.1200e-003	0.1453	7.4000e-004	0.1461	0.0385	6.8000e-004	0.0392		113.6435	113.6435	2.5900e-003	2.7100e-003	114.5163

1900 Riverside Stable - South Coast AQMD Air District, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.6 Paving - 2025****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	0.5732	5.3259	8.7951	0.0136		0.2465	0.2465		0.2276	0.2276	0.0000	1,297.809 6	1,297.809 6	0.4114		1,308.095 1
Paving	0.0210					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5942	5.3259	8.7951	0.0136		0.2465	0.2465		0.2276	0.2276	0.0000	1,297.809 6	1,297.809 6	0.4114		1,308.095 1

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	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	0.0000	0.0000	0.0000
Worker	0.0385	0.0244	0.3584	1.1200e-003	0.1453	7.4000e-004	0.1461	0.0385	6.8000e-004	0.0392		113.6435	113.6435	2.5900e-003	2.7100e-003	114.5163
Total	0.0385	0.0244	0.3584	1.1200e-003	0.1453	7.4000e-004	0.1461	0.0385	6.8000e-004	0.0392		113.6435	113.6435	2.5900e-003	2.7100e-003	114.5163

1900 Riverside Stable - South Coast AQMD Air District, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.7 Architectural Coating - 2025****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.2760					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	9.4469	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

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	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	0.0000	0.0000	0.0000
Worker	2.9600e-003	1.8800e-003	0.0276	9.0000e-005	0.0112	6.0000e-005	0.0112	2.9600e-003	5.0000e-005	3.0200e-003		8.7418	8.7418	2.0000e-004	2.1000e-004	8.8089
Total	2.9600e-003	1.8800e-003	0.0276	9.0000e-005	0.0112	6.0000e-005	0.0112	2.9600e-003	5.0000e-005	3.0200e-003		8.7418	8.7418	2.0000e-004	2.1000e-004	8.8089

1900 Riverside Stable - South Coast AQMD Air District, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.7 Architectural Coating - 2025****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	9.2760					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	9.4469	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

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	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	0.0000	0.0000	0.0000
Worker	2.9600e-003	1.8800e-003	0.0276	9.0000e-005	0.0112	6.0000e-005	0.0112	2.9600e-003	5.0000e-005	3.0200e-003		8.7418	8.7418	2.0000e-004	2.1000e-004	8.8089
Total	2.9600e-003	1.8800e-003	0.0276	9.0000e-005	0.0112	6.0000e-005	0.0112	2.9600e-003	5.0000e-005	3.0200e-003		8.7418	8.7418	2.0000e-004	2.1000e-004	8.8089

1900 Riverside Stable - South Coast AQMD Air District, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**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	1.8908	1.9147	16.3498	0.0337	3.7705	0.0257	3.7962	1.0048	0.0239	1.0287		3,433.000 5	3,433.000 5	0.2590	0.1698	3,490.066 3
Unmitigated	1.8908	1.9147	16.3498	0.0337	3.7705	0.0257	3.7962	1.0048	0.0239	1.0287		3,433.000 5	3,433.000 5	0.2590	0.1698	3,490.066 3

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Racquet Club	576.63	877.49	715.14	1,303,889	1,303,889
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	576.63	877.49	715.14	1,303,889	1,303,889

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
Racquet Club	16.60	8.40	6.90	11.50	69.50	19.00	52	39	9
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

1900 Riverside Stable - South Coast AQMD Air District, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Racquet Club	0.541709	0.062136	0.185590	0.128486	0.023783	0.006533	0.012157	0.009216	0.000814	0.000497	0.024669	0.000753	0.003657
Other Asphalt Surfaces	0.541709	0.062136	0.185590	0.128486	0.023783	0.006533	0.012157	0.009216	0.000814	0.000497	0.024669	0.000753	0.003657

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	lb/day										lb/day					
NaturalGas Mitigated	5.2500e-003	0.0478	0.0401	2.9000e-004		3.6300e-003	3.6300e-003		3.6300e-003	3.6300e-003		57.3157	57.3157	1.1000e-003	1.0500e-003	57.6563
NaturalGas Unmitigated	5.2500e-003	0.0478	0.0401	2.9000e-004		3.6300e-003	3.6300e-003		3.6300e-003	3.6300e-003		57.3157	57.3157	1.1000e-003	1.0500e-003	57.6563

1900 Riverside Stable - South Coast AQMD Air District, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**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					
Other Asphalt Surfaces	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
Racquet Club	487.183	5.2500e-003	0.0478	0.0401	2.9000e-004		3.6300e-003	3.6300e-003		3.6300e-003	3.6300e-003		57.3157	57.3157	1.1000e-003	1.0500e-003	57.6563
Total		5.2500e-003	0.0478	0.0401	2.9000e-004		3.6300e-003	3.6300e-003		3.6300e-003	3.6300e-003		57.3157	57.3157	1.1000e-003	1.0500e-003	57.6563

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					
Other Asphalt Surfaces	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
Racquet Club	0.487183	5.2500e-003	0.0478	0.0401	2.9000e-004		3.6300e-003	3.6300e-003		3.6300e-003	3.6300e-003		57.3157	57.3157	1.1000e-003	1.0500e-003	57.6563
Total		5.2500e-003	0.0478	0.0401	2.9000e-004		3.6300e-003	3.6300e-003		3.6300e-003	3.6300e-003		57.3157	57.3157	1.1000e-003	1.0500e-003	57.6563

6.0 Area Detail

1900 Riverside Stable - South Coast AQMD Air District, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.2231	4.0000e-005	4.5400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7600e-003	9.7600e-003	3.0000e-005		0.0104
Unmitigated	0.2231	4.0000e-005	4.5400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7600e-003	9.7600e-003	3.0000e-005		0.0104

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	0.0254					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1973					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.2000e-004	4.0000e-005	4.5400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7600e-003	9.7600e-003	3.0000e-005		0.0104
Total	0.2231	4.0000e-005	4.5400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7600e-003	9.7600e-003	3.0000e-005		0.0104

1900 Riverside Stable - South Coast AQMD Air District, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**6.2 Area by SubCategory****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	0.0254					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1973					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.2000e-004	4.0000e-005	4.5400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7600e-003	9.7600e-003	3.0000e-005		0.0104
Total	0.2231	4.0000e-005	4.5400e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.7600e-003	9.7600e-003	3.0000e-005		0.0104

7.0 Water Detail**7.1 Mitigation Measures Water**

1900 Riverside Stable - South Coast AQMD Air District, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

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
