

**Class 32 Categorical Exemption Findings
413, 417 & 419 Irving Avenue, Glendale, CA 91201**

“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; (b) The proposed development occurs within city limits on a Project site of no more than five acres substantially surrounded by urban uses; (c) The Project site has no value, as habitat for endangered, rare or threatened species; (d) Approval of the Project would not result in any significant effects relating to traffic, noise, air quality, or water quality; (e) The site can be adequately served by all required utilities and public services.” (14 Cal. Code Regs. § 15332) (“CEQA Guidelines”).

Project Description

The applicant is seeking approval of a Density Bonus and Inclusionary Housing Plan for a new residential project at 413, 417, and 419 Irving Avenue. The applicant requests the density bonus, as well as three concessions, pursuant to California Government Code Sections 65915, et seq. (“Density Bonus Law”), which allows developers that seek and agree to provide at least 15 percent of the units in a housing development to very-low income households, a mandatory 50 percent density bonus, as well as three concessions. Additionally, the applicant is requesting one waiver or modification from a development standard. The Density Bonus and Inclusionary Housing Plan meets the requirements of the Density Bonus Law and Glendale Municipal Code (GMC) Section 30.36.050 because the project is providing 15 percent of the total base density units of the housing development as affordable units which will be restricted to very-low income households, as defined in Section 50105 of the Health and Safety Code.

The project involves the demolition of five existing residential structures on site, and the construction of a new 33-unit multi-family density bonus housing development totaling 46,622 square feet (SF) with a total of 49 parking spaces, including one level of surface (on-grade) parking containing 18 spaces (inclusive of three tandem spaces) and one level of underground, semi-subterranean parking structure containing 31 residential parking spaces and providing eight (8) affordable units reserved for very low income households (“Project”). Pursuant to State and City Density Bonus Law, the project will provide eight (8) affordable units reserved for very-low income households. The project qualifies for reduced parking inclusive of guest and handicapped spaces, under the State Density Bonus Law and GMC 30.36.090. The Project’s unit mix includes eighteen (18) one-bedroom units, twelve (12) one-bedroom plus den and/or mezzanine and three (3) two-bedroom units and provides at least 40 square feet of private open space for each residential unit and 6,212 square feet of common open space for residential uses.

The 18,369 square-foot site is currently developed with five residential buildings. The 413 address is developed with a one-story, single-family house built circa 1940. The 417-419 address contains two separate duplex buildings and a detached garage built circa 1949. The site is located on the northwest side of Irving Avenue, in the R-3050 (Moderate-Density Residential) zone.

The proposed project would demolish the existing residential structures and garages in conjunction with the construction of the new four-story, 33-unit multi-family residential project totaling 46,622 SF and featuring eight (8) affordable units restricted to very-low income households. Parking will be provided on-site with a total of 49 parking spaces, including one level of surface (on-grade) parking containing 18 spaces (inclusive of three tandem spaces) and a one level underground, semi-subterranean parking structure containing 31 residential parking spaces. The project is providing the required amount of parking per Glendale Municipal Code (GMC 30.32) and California Government Code Section 65915(p). Primary access to the building, including above- and below grade parking will be from Irving Avenue.

The project site is approximately four miles northwest of Downtown Glendale and approximately one mile from the Walt Disney Creative Campus 0.3 miles west of Downtown Glendale surrounded by existing urban uses residential buildings. The Project Site is bordered by multi-family residential development directly to the north, south, east and west.

a. The Project is consistent with the applicable general plan designation and all applicable general plan policies as well as with the applicable zoning designation and regulations.

The Land Use Element of the Glendale General Plan includes a goal to “Support the creation of higher density residential development and alternative forms of medium and high-density housing in those areas best suited from the standpoint of accessibility, current development, community organization, transportation and circulation facilities and economic feasibility” (Glendale General Plan Land Use Element, page 7). The Project is consistent with and helps achieve this goal by redeveloping the project site and building a new structure which will yield a total of 33 residential dwelling units with proximate access to public transportation to access neighborhood services daily. Moreover, the project will advance the goals and policies of the General Plan, Housing Element (2021-2029), including, but not limited to, Goal 1 (“A City with a Wide Range of Housing Types to Meet the Needs of Current and Future Residents), Goal 3 (“A City with Increased Opportunities for Affordable and Special Needs Housing Development) Housing Services that Address Groups with Special Housing Needs) and Policies 3.1 and 3.2 (“Encourage both the private and public sectors to produce or assist in the production of affordable housing for special needs groups such as: persons with disabilities, the elderly, large families, single-parent households, and formerly homeless) and (“Promote the development of extremely low, very low, low and moderate income housing by allowing developers density bonuses or other financial incentives for providing units for low and moderate

income residents. The unit mix and location of affordable housing units in density bonus projects must be approved by the City and included in an affordable housing agreement.”). The proposed 33-unit residential development will be consistent with the other various elements and objectives of the General Plan.

The project site is located in the R-3050 (Moderate Density Residential) zone. The Land Use Element of the General Plan designates the project site as Moderate Density Residential. 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 subject site does not contain any historic resources and is not designated or slated for open space or recreational use and will operate in compliance with the Noise Element thresholds. The Safety Element does not identify any hazards associated with the site. The site is not within a hazard zone and the conditions placed on the proposed use will ensure the project does not contribute to local crime. The adjacent Irving Avenue can accommodate the traffic generated as a result of the project. The Circulation Element identifies Irving Avenue, as a Local Street, which can accommodate the traffic generated as a result of the project. This street serves the residential needs of the immediate community, carrying low volumes of traffic to and from collectors and arterials. 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 is consistent with its land use designation. Multi-family residential uses in the R-3050 (Moderate Density Residential) zone is a permitted use in this zone and subject to the provisions of the R-3050 zone.

The Project is consistent with Zoning Code designations, standards and regulations, because the Zoning Code recognizes that waivers and incentives associated with density bonus projects are either statutorily allowed by right or may be granted where qualified. The Zoning Code allows one dwelling unit for every 3,050 square feet of lot area, which permits a maximum residential density of 14.2 units per acre. Based on the zoning designation and the lot area (approximately 18,369 square feet), by right, the applicant has a base density of seven (7) units ($18,369 / 3,050 = 6.02$ rounded up to 7). The applicant is entitled to a fifty percent (50%) density bonus by providing two (2) very low income units (15 percent of the base density of 7 = 1.05 rounded up to 2). The applicant is requesting a three hundred seventy-one and four tenths of a percent (371.4%) density bonus and is requesting to provide a proportionate number of restricted units, calculated as eight (8) very low income units ($((15\% \times 7) \times (371.4\% / 50\%)) = 7.79$ rounded up to 8) reserved for very low income households.

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

The project site is located in the R-3050 (Moderate Density Residential) zone, entirely within the City of Glendale boundary limits. The site is approximately 18,369 square feet (0.422 acres), which is less than five acres in size. The project site is substantially surrounded by existing similar and complimentary uses. Surrounding urban uses,

including multi-family residential are located to the north, south, east and west of the subject site. As the Public Resources Code (PRC) defines qualified urban use as “any residential, commercial, public institutional, transit or transportation passenger facility, or retail use, or any combination of those uses,” the Project Site is substantially surrounded by urban uses. (PRC § 21072.)

c. The Project site has no value as habitat for endangered, rare or threatened species.

The project site is fully developed with five existing residential uses built between 1940 and 1949. The project site is not currently a habitat for endangered, rare, or threatened species, and no documentation exists which identifies the project site as such. There are no protected trees on the project site. Therefore, the site does not contain or have value as a habitat for endangered, rare or threatened species.

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

The project would not result in any significant impacts related to traffic, noise, air quality or water quality.

Traffic

Parking for the project is provided on-site within a 49-space parking structure, including one level of surface (on-grade) parking containing 18 spaces (inclusive of three tandem spaces) and one level of underground, semi-subterranean parking garage containing 31 residential parking space. Access to the 18, above ground parking spaces is on Irving Avenue via a driveway proposed on the western portion of the site and access to the 31-space, underground parking garage is on Irving Avenue via a driveway proposed on the eastern portion of the site.

Based on the attached trip generation estimates conducted by staff, the proposed project is estimated to generate fewer than 50 net peak-hour trips, thus, no Traffic Impact Analysis is required. A summary of the results are attached hereto as Attachment “1”.

Vehicle Miles Traveled

In 2018, the State of California amended the California Environmental Quality Act (CEQA) Guidelines Appendix G question for transportation impacts to delete reference to vehicle delay and level of service and instead refer to Section 15064.3, subdivision (b)(1) of the CEQA Guidelines asking if the Project will result in a substantial increase in VMT. Accordingly, the City of Glendale adopted VMT as the metric for assessing transportation impacts for land use Projects. To comply with the requirements of the California Environmental Quality Act (CEQA) and Senate Bill 743 (SB 743), development projects in the City of Glendale must conduct vehicle miles traveled

(VMT) analysis to evaluate a project's potential significant impacts. The City has prepared Transportation Analysis (TIA) Guidelines, to provide guidance on whether a project can be screened out of a detailed VMT analysis, or if the applicant would need to perform a detailed VMT analysis. The guidelines include detailed guidance for conducting an SB 743-consistent transportation impact analysis of VMT as well as assessing significant impacts related to public transit, pedestrians, bicyclists, hazards/design features, and emergency access.

The project is not required to prepare a detailed Vehicle Miles Traveled (VMT) analysis because according to Section 2.1.2.1 of the City's Transportation Analysis Guidelines, projects that generate fewer than 145 daily vehicle trips can be presumed to cause a less-than-significant transportation impact and would not require a detailed VMT analysis; which is based on the proposed project's total uses without taking a credit for existing uses. As proposed, the project is considered a small project, which is estimated to generate less than 50 net peak-hour trips and is thus screened out of the requirement to prepare a detailed VMT analysis. The project would have a less-than-significant VMT impact.

Noise

The project is located in a developed urban area. The surrounding neighborhood is developed with residential dwellings to the north, south, east, and west of the subject site. The proposed project would generate similar if not the same noise as other residential uses in the area. As a result, the project would not add substantial operational noise that would be audible above existing conditions.

A temporary periodic increase in ambient noise would occur during construction activities associated with the proposed project. Noise from the construction activities would be generated by vehicles and equipment involved during various stages of construction operations: site grading, foundation, and building construction. The noise levels created by construction equipment would vary depending on factors such as the type of equipment and the specific model, the mechanical/operational condition of the equipment, and the type of operation being performed. However, all development within the project site will be required to comply with the City of Glendale Noise Ordinance (Municipal Code Chapter 8.36), which prohibits construction activities to between the hours of 7:00 p.m. on one day and 7:00 a.m. of the next day or from 7:00 p.m. on Saturday to 7:00 a.m. on Monday or from 7:00 p.m. preceding a holiday.

The proposed project would have a minimal effect on the noise environment in proximity to the project site. Noise generated by the proposed project would result primarily from visitors, off-site traffic, and heating, ventilation, and air conditioning (HVAC) equipment. However, the proposed project's mechanical equipment would need to comply with the City's Noise Ordinance, which establishes maximum permitted noise levels from mechanical equipment. The 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.

The project's compliance with the City's Noise Ordinance would ensure that noise levels from building mechanical equipment would not exceed thresholds of significance.

The proposed project would be constructed using typical construction techniques and would not require the use of pile driving for construction, thus reducing significant vibration impacts. Heavy construction equipment (e.g., bulldozer and excavator) would generate a limited amount of ground-borne vibration during construction activities at short distances away from the source. The use of equipment would be limited to a few hours spread over several days during grading and excavation activities. As such, ground-borne vibration and noise levels associated with the proposed project would be less than significant.

Air Quality

The California Emissions Estimator Model® (CalEEMod) 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. A summary of the results is attached hereto as Attachment "2".

Water Quality

Implementation of the proposed project will require compliance with all the National Pollutant Discharge Elimination System (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 Stormwater 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 wastewater discharge requirements since the project will be required to comply with applicable permitting requirements.

Because the proposed infill development would redevelop land that is fully developed with urban uses, construction would not impact water flows or water quality. The Project would comply with the City's Low Impact Development (LID) Guidelines set forth in Chapter 13.43 of the GMC and with applicable state and federal regulations. Such LID standards are designed to minimize the impervious area footprint, prevent pollutants of concern from leaving the development site in stormwater as the result of storms, and minimize hydromodification impacts to natural drainage systems. (GMC § 13.43.040(A)). Compliance with these regulations will ensure that the Project would not result in a significant impact to water quality. Existing utilities would provide water supplies and wastewater treatment services to the subject property.

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

There will not be a considerable increase in demand for services or utilities due to project implementation. The project would be located in an existing urban area with existing buildings that have been adequately served by existing public utilities and services. All new construction on site will be served by the same existing public utilities and services. These services include water, electricity, solid waste collection and sewer services provided by the City of Glendale. Accordingly, the Project will be adequately served by all required utilities and public services.

**Exceptions to Categorical Exemptions
(CEQA Guidelines Section 15300.2)**

Proposed Findings

- a. Location. Classes 3, 4, 5, 6, and 11 are qualified by consideration of where the project is to be located a Project that is ordinarily insignificant in its impact on the environment may in a particularly sensitive environment be significant. Therefore, these classes are considered to apply in all instances, except where the Project may impact on an environmental resource of hazardous or critical concern where designated, precisely mapped, and officially adopted pursuant to law by federal, state, or local agencies.**

Because the Project is relying on Class 32 exemption, this exception does not apply.

- b. Cumulative Impact. All exemptions for these classes are inapplicable when the cumulative impact of successive Projects of the same type in the same place, over time is significant.**

There is not a succession of known projects of the same type located in the same place as the subject project. Since this project qualifies for a Class 32 Categorical Exemption and is subject to Regulatory Compliance Measures, no cumulative impacts are anticipated. Further, the proposed 33-unit multi-family residential development does not exceed thresholds identified for impacts to the area (including noise, traffic, and air quality) and will not result in significant cumulative impacts.

- 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.**

The project proposes a 33-unit multi-family residential project in an area zoned and designated for such use. Other similarly situated sites could be developed in the same manner and there is nothing unusual about the project site. Adjacent and nearby lots

are developed with residential buildings. No unusual circumstances are present or foreseeable.

- d. Scenic Highways. A categorical exemption shall not be used for a Project which may result in damage to scenic resources, including but not limited to, trees, historic buildings, rock outcroppings, or similar resources, within a highway officially designated as a state scenic highway.**

The project site is located in an urban environment surrounded by urban development. The site is bordered by Allen Avenue to the north, Irving Avenue to the south, Lake Avenue and Interstate 5 freeway to the east and Victory Blvd, to the west. The project site is surrounded by existing urban uses, including residential buildings. According to information on the California Department of Transportation's State Scenic Highway Program, there are no state scenic highways in the vicinity of the project site.

- e. Hazardous Waste Sites. A categorical exemption shall not be used for a Project located on a site which is included on any list compiled pursuant to Section 65962.5 of the Government Code.**

The project site is developed and is not within a designated hazardous site. The project site is not located on the California Department of Toxic Substances Control's Hazardous Waste and Substances Site List-Site Cleanup (Cortese List), nor is it listed on the EnvironStor database. Further, the project site is not on the following lists maintained by the State Water Board: Leaking Underground Storage Tank Sites, Solid Waste Disposal Sites, or Active Cease and Desist Orders and Cleanup and Abatement Orders. The project site is also not identified on the list of hazardous waste facilities subject to corrective action pursuant to Section 25187.5 of the Health and Safety Code, identified by the Department of Toxic Substances Control.

- f. Historical Resources. A categorical exemption shall not be used for a Project which may cause a substantial adverse change in the significance of a historical resource.**

The properties at 413, 417, and 419 Irving Avenue are not listed on the National Register of Historic Places, California Register of Historical Resources, or Glendale Register of Historic Resources. Professional planning staff, including staff with expertise in evaluating historic resources, have provided further analysis, and determined that the project has not been identified as a historic resource in any survey. An individualized analysis by Planning staff was conducted and staff concluded there is no evidence the Project Site or the structures on the Project Site are historic and do not qualify as historic resources because none of the findings that would qualify the properties for listing on the Glendale Register pursuant to GMC §15.20.050 (Findings for listing resources in the Glendale Register of Historic Resources), can be made, and therefore these properties are not considered historic resources. Specifically, the properties are not:

A. Identified with important events in national, state, or city history, or exemplifies significant contributions to the broad cultural, political, economic, social, tribal, or historic heritage of the nation, state, or city, and do not retain historic integrity.

B. Associated with a person, persons, or groups who significantly contributed to the history of the nation, state, region, or city, and retain historic integrity.

C. Embodiments of the distinctive and exemplary characteristics of an architectural style, architectural type, period, or method of construction; and do not represent notable work of a master designer, builder or architect whose genius influenced his or her profession; do not possesses high artistic values or retain historic integrity.

D. Properties that have yielded, or have the potential to yield, information important to archaeological pre-history or history of the nation, state, region, or city, and retains historic integrity.

ATTACHMENTS:

1. Trip generation estimates
2. California Emissions Estimator Module

Table 1
Preliminary Project Trip Generation [1]
413 - 417 Irving Ave

Land Use: (ITE CODE)	Size	Daily Trips	AM Peak Hour			PM Peak Hour		
			In	Out	Total	In	Out	Total
Proposed Project Multifamily Housing (Mid-Rise)	33 DU	150	3	9	12	8	5	13

Local Transportation Analysis May Be Required (\geq 50 Peak Hour Trips)?*	NO
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[1] Rates and Numbers based on the 11th Edition of the ITE Trip Generation Manual

* If YES, applicant must conduct a trip generation study using any trip reductions as applicable to the project to determine if LTA required.

413-417 Irving Glendale Apartments - 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**413-417 Irving Glendale Apartments****South Coast AQMD Air District, Winter****1.0 Project Characteristics****1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments High Rise	33.00	Dwelling Unit	0.42	33,000.00	94
Enclosed Parking with Elevator	14.95	1000sqft	0.01	14,950.00	0
Enclosed Parking with Elevator	9.67	1000sqft	0.01	9,670.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9			Operational Year	2024
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 - Demo 4,666 SF (417 Irving - 864 SF; 1,080 SF; and 887 SF; and 413 Irving - 1,157 SF; 515 SF; 163 SF), Const. 33-unit, 45,345 SF MFR dwelling w/ a 9,674 SF garage and a 14,950 SF sub. garage. Grading: Cut 5,495 CY Fill 35 CY (5,460 CY Total Export)

Land Use - 35,675 SF Residential Floor Area; 24,620 SF of parking on a 18,238 SF lot. 33 DUs on a .419 acre lot classified as Apartment High Rise by CalEEMod manual as this equates to 79 du's to an acre.

Construction Phase - Demo: 4 weeks, Site prep: 2 weeks, grading: 4 weeks, constructions 18 months, paving 3 weeks, arch finishes: 4 months

Grading - Cut 5,495 CY, Fill 35 CY, Export 5.460 CY

Demolition - Demo 4,666 SF (417 Irving - 864 SF; 1,080 SF; and 887 SF; and 413 Irving - 1,157 SF; 515 SF; 163 SF)

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	20.00
tblConstructionPhase	NumDays	100.00	391.00

413-417 Irving Glendale Apartments - 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

tblConstructionPhase	NumDays	10.00	30.00
tblConstructionPhase	NumDays	2.00	16.00
tblConstructionPhase	NumDays	5.00	20.00
tblConstructionPhase	NumDays	1.00	11.00
tblConstructionPhase	PhaseEndDate	12/18/2024	4/22/2026
tblConstructionPhase	PhaseEndDate	12/4/2024	3/18/2026
tblConstructionPhase	PhaseEndDate	7/12/2024	8/9/2024
tblConstructionPhase	PhaseEndDate	7/17/2024	9/17/2024
tblConstructionPhase	PhaseEndDate	12/11/2024	4/15/2026
tblConstructionPhase	PhaseEndDate	7/15/2024	8/26/2024
tblConstructionPhase	PhaseStartDate	12/12/2024	4/16/2026
tblConstructionPhase	PhaseStartDate	7/18/2024	9/18/2024
tblConstructionPhase	PhaseStartDate	7/16/2024	8/27/2024
tblConstructionPhase	PhaseStartDate	12/5/2024	3/19/2026
tblConstructionPhase	PhaseStartDate	7/13/2024	8/10/2024
tblGrading	AcresOfGrading	12.00	1.50
tblGrading	AcresOfGrading	5.50	0.50
tblGrading	MaterialExported	0.00	5,460.00
tblLandUse	LotAcreage	0.53	0.42
tblLandUse	LotAcreage	0.34	0.01
tblLandUse	LotAcreage	0.22	0.01
tblTripsAndVMT	HaulingTripNumber	683.00	682.00

2.0 Emissions Summary

413-417 Irving Glendale Apartments - 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	1.0235	15.1509	8.1892	0.0388	5.4896	0.4396	5.9292	2.7273	0.4059	3.1332	0.0000	4,081.843 7	4,081.843 7	0.5923	0.4221	4,222.436 6
2025	0.6598	5.8507	8.0800	0.0158	0.4313	0.2449	0.6762	0.1155	0.2254	0.3409	0.0000	1,554.827 0	1,554.827 0	0.3696	0.0292	1,572.761 5
2026	10.8572	5.8426	8.0218	0.0157	0.4313	0.2448	0.6761	0.1155	0.2253	0.3408	0.0000	1,542.868 5	1,542.868 5	0.3690	0.0284	1,560.550 3
Maximum	10.8572	15.1509	8.1892	0.0388	5.4896	0.4396	5.9292	2.7273	0.4059	3.1332	0.0000	4,081.843 7	4,081.843 7	0.5923	0.4221	4,222.436 6

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	1.0235	15.1509	8.1892	0.0388	5.4896	0.4396	5.9292	2.7273	0.4059	3.1332	0.0000	4,081.843 7	4,081.843 7	0.5923	0.4221	4,222.436 6
2025	0.6598	5.8507	8.0800	0.0158	0.4313	0.2449	0.6762	0.1155	0.2254	0.3409	0.0000	1,554.827 0	1,554.827 0	0.3696	0.0292	1,572.761 5
2026	10.8572	5.8426	8.0218	0.0157	0.4313	0.2448	0.6761	0.1155	0.2253	0.3408	0.0000	1,542.868 5	1,542.868 5	0.3690	0.0284	1,560.550 3
Maximum	10.8572	15.1509	8.1892	0.0388	5.4896	0.4396	5.9292	2.7273	0.4059	3.1332	0.0000	4,081.843 7	4,081.843 7	0.5923	0.4221	4,222.436 6

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

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413-417 Irving Glendale Apartments - 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	9.4498	0.7161	19.5061	0.0430		2.5359	2.5359		2.5359	2.5359	309.1083	598.9076	908.0159	0.9265	0.0210	937.4314
Energy	0.0127	0.1089	0.0463	6.9000e-004		8.8000e-003	8.8000e-003		8.8000e-003	8.8000e-003		138.9839	138.9839	2.6600e-003	2.5500e-003	139.8098
Mobile	0.4264	0.5077	4.3275	9.7800e-003	1.0763	7.2200e-003	1.0836	0.2868	6.7200e-003	0.2935		997.1783	997.1783	0.0649	0.0443	1,012.0056
Total	9.8889	1.3327	23.8800	0.0534	1.0763	2.5519	3.6283	0.2868	2.5514	2.8383	309.1083	1,735.0697	2,044.1780	0.9941	0.0678	2,089.2468

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	9.4498	0.7161	19.5061	0.0430		2.5359	2.5359		2.5359	2.5359	309.1083	598.9076	908.0159	0.9265	0.0210	937.4314
Energy	0.0127	0.1089	0.0463	6.9000e-004		8.8000e-003	8.8000e-003		8.8000e-003	8.8000e-003		138.9839	138.9839	2.6600e-003	2.5500e-003	139.8098
Mobile	0.4264	0.5077	4.3275	9.7800e-003	1.0763	7.2200e-003	1.0836	0.2868	6.7200e-003	0.2935		997.1783	997.1783	0.0649	0.0443	1,012.0056
Total	9.8889	1.3327	23.8800	0.0534	1.0763	2.5519	3.6283	0.2868	2.5514	2.8383	309.1083	1,735.0697	2,044.1780	0.9941	0.0678	2,089.2468

413-417 Irving Glendale Apartments - 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	7/1/2024	8/9/2024	5	30	
2	Site Preparation	Site Preparation	8/10/2024	8/26/2024	5	11	
3	Grading	Grading	8/27/2024	9/17/2024	5	16	
4	Building Construction	Building Construction	9/18/2024	3/18/2026	5	391	
5	Paving	Paving	3/19/2026	4/15/2026	5	20	
6	Architectural Coating	Architectural Coating	4/16/2026	4/22/2026	5	20	

Acres of Grading (Site Preparation Phase): 0.5**Acres of Grading (Grading Phase): 1.5****Acres of Paving: 0.02****Residential Indoor: 66,825; Residential Outdoor: 22,275; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 1,477 (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	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20

413-417 Irving Glendale Apartments - 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

Grading	Graders	1	6.00	187	0.41
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	0.00	21.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	682.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	34.00	8.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	7.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

413-417 Irving Glendale Apartments - 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					0.1531	0.0000	0.1531	0.0232	0.0000	0.0232			0.0000			0.0000
Off-Road	0.6156	5.4776	7.3949	0.0120		0.2504	0.2504		0.2392	0.2392		1,148.687 4	1,148.687 4	0.2080		1,153.887 0
Total	0.6156	5.4776	7.3949	0.0120	0.1531	0.2504	0.4035	0.0232	0.2392	0.2624		1,148.687 4	1,148.687 4	0.2080		1,153.887 0

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	1.4000e-003	0.0888	0.0245	3.9000e-004	0.0122	6.4000e-004	0.0129	3.3600e-003	6.1000e-004	3.9700e-003		43.4334	43.4334	2.4500e-003	6.9000e-003	45.5516
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	0.0330	0.1097	0.3202	1.2900e-003	0.1240	1.2400e-003	0.1253	0.0330	1.1600e-003	0.0342		133.9286	133.9286	4.6600e-003	9.1300e-003	136.7668

413-417 Irving Glendale Apartments - 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					0.1531	0.0000	0.1531	0.0232	0.0000	0.0232			0.0000			0.0000
Off-Road	0.6156	5.4776	7.3949	0.0120		0.2504	0.2504		0.2392	0.2392	0.0000	1,148.687 4	1,148.687 4	0.2080		1,153.887 0
Total	0.6156	5.4776	7.3949	0.0120	0.1531	0.2504	0.4035	0.0232	0.2392	0.2624	0.0000	1,148.687 4	1,148.687 4	0.2080		1,153.887 0

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	1.4000e-003	0.0888	0.0245	3.9000e-004	0.0122	6.4000e-004	0.0129	3.3600e-003	6.1000e-004	3.9700e-003		43.4334	43.4334	2.4500e-003	6.9000e-003	45.5516
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	0.0330	0.1097	0.3202	1.2900e-003	0.1240	1.2400e-003	0.1253	0.0330	1.1600e-003	0.0342		133.9286	133.9286	4.6600e-003	9.1300e-003	136.7668

413-417 Irving Glendale Apartments - 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					0.0482	0.0000	0.0482	5.2000e-003	0.0000	5.2000e-003			0.0000			0.0000
Off-Road	0.4985	5.6040	3.8921	9.7300e-003		0.2012	0.2012		0.1851	0.1851		942.2742	942.2742	0.3048		949.8930
Total	0.4985	5.6040	3.8921	9.7300e-003	0.0482	0.2012	0.2494	5.2000e-003	0.1851	0.1903		942.2742	942.2742	0.3048		949.8930

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	0.0158	0.0105	0.1479	4.5000e-004	0.0559	3.0000e-004	0.0562	0.0148	2.8000e-004	0.0151		45.2476	45.2476	1.1000e-003	1.1200e-003	45.6076
Total	0.0158	0.0105	0.1479	4.5000e-004	0.0559	3.0000e-004	0.0562	0.0148	2.8000e-004	0.0151		45.2476	45.2476	1.1000e-003	1.1200e-003	45.6076

413-417 Irving Glendale Apartments - 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					0.0482	0.0000	0.0482	5.2000e-003	0.0000	5.2000e-003			0.0000			0.0000
Off-Road	0.4985	5.6040	3.8921	9.7300e-003		0.2012	0.2012		0.1851	0.1851	0.0000	942.2742	942.2742	0.3048		949.8930
Total	0.4985	5.6040	3.8921	9.7300e-003	0.0482	0.2012	0.2494	5.2000e-003	0.1851	0.1903	0.0000	942.2742	942.2742	0.3048		949.8930

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	0.0158	0.0105	0.1479	4.5000e-004	0.0559	3.0000e-004	0.0562	0.0148	2.8000e-004	0.0151		45.2476	45.2476	1.1000e-003	1.1200e-003	45.6076
Total	0.0158	0.0105	0.1479	4.5000e-004	0.0559	3.0000e-004	0.0562	0.0148	2.8000e-004	0.0151		45.2476	45.2476	1.1000e-003	1.1200e-003	45.6076

413-417 Irving Glendale Apartments - 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					4.6546	0.0000	4.6546	2.4993	0.0000	2.4993			0.0000			0.0000
Off-Road	0.9132	9.7297	5.5468	0.0141		0.4001	0.4001		0.3681	0.3681		1,364.662 3	1,364.662 3	0.4414		1,375.696 2
Total	0.9132	9.7297	5.5468	0.0141	4.6546	0.4001	5.0547	2.4993	0.3681	2.8674		1,364.662 3	1,364.662 3	0.4414		1,375.696 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	0.0851	5.4045	1.4886	0.0240	0.7456	0.0390	0.7846	0.2044	0.0373	0.2417		2,644.785 3	2,644.785 3	0.1492	0.4203	2,773.768 2
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	0.1104	5.4212	1.7252	0.0247	0.8350	0.0395	0.8745	0.2281	0.0378	0.2659		2,717.181 4	2,717.181 4	0.1510	0.4221	2,846.740 3

413-417 Irving Glendale Apartments - 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					4.6546	0.0000	4.6546	2.4993	0.0000	2.4993			0.0000			0.0000
Off-Road	0.9132	9.7297	5.5468	0.0141		0.4001	0.4001		0.3681	0.3681	0.0000	1,364.662 3	1,364.662 3	0.4414		1,375.696 2
Total	0.9132	9.7297	5.5468	0.0141	4.6546	0.4001	5.0547	2.4993	0.3681	2.8674	0.0000	1,364.662 3	1,364.662 3	0.4414		1,375.696 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	0.0851	5.4045	1.4886	0.0240	0.7456	0.0390	0.7846	0.2044	0.0373	0.2417		2,644.785 3	2,644.785 3	0.1492	0.4203	2,773.768 2
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	0.1104	5.4212	1.7252	0.0247	0.8350	0.0395	0.8745	0.2281	0.0378	0.2659		2,717.181 4	2,717.181 4	0.1510	0.4221	2,846.740 3

413-417 Irving Glendale Apartments - 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	0.5950	5.9739	7.0675	0.0114		0.2824	0.2824		0.2598	0.2598		1,104.9834	1,104.9834	0.3574		1,113.9177
Total	0.5950	5.9739	7.0675	0.0114		0.2824	0.2824		0.2598	0.2598		1,104.9834	1,104.9834	0.3574		1,113.9177

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	8.2500e-003	0.3062	0.1161	1.4400e-003	0.0512	1.7000e-003	0.0529	0.0148	1.6300e-003	0.0164		154.8527	154.8527	5.2500e-003	0.0225	161.6797
Worker	0.1073	0.0711	1.0056	3.0400e-003	0.3800	2.0400e-003	0.3821	0.1008	1.8800e-003	0.1027		307.6836	307.6836	7.5000e-003	7.5900e-003	310.1316
Total	0.1155	0.3773	1.1217	4.4800e-003	0.4313	3.7400e-003	0.4350	0.1155	3.5100e-003	0.1191		462.5363	462.5363	0.0128	0.0301	471.8113

413-417 Irving Glendale Apartments - 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	0.5950	5.9739	7.0675	0.0114		0.2824	0.2824		0.2598	0.2598	0.0000	1,104.983 4	1,104.983 4	0.3574		1,113.917 7
Total	0.5950	5.9739	7.0675	0.0114		0.2824	0.2824		0.2598	0.2598	0.0000	1,104.983 4	1,104.983 4	0.3574		1,113.917 7

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	8.2500e-003	0.3062	0.1161	1.4400e-003	0.0512	1.7000e-003	0.0529	0.0148	1.6300e-003	0.0164		154.8527	154.8527	5.2500e-003	0.0225	161.6797
Worker	0.1073	0.0711	1.0056	3.0400e-003	0.3800	2.0400e-003	0.3821	0.1008	1.8800e-003	0.1027		307.6836	307.6836	7.5000e-003	7.5900e-003	310.1316
Total	0.1155	0.3773	1.1217	4.4800e-003	0.4313	3.7400e-003	0.4350	0.1155	3.5100e-003	0.1191		462.5363	462.5363	0.0128	0.0301	471.8113

413-417 Irving Glendale Apartments - 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	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220		1,105.571 1	1,105.571 1	0.3576		1,114.510 2
Total	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220		1,105.571 1	1,105.571 1	0.3576		1,114.510 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	0.0000	0.0000	0.0000	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	8.0500e-003	0.3048	0.1144	1.4100e-003	0.0512	1.7100e-003	0.0529	0.0148	1.6300e-003	0.0164		152.0345	152.0345	5.2600e-003	0.0221	158.7472
Worker	0.1007	0.0639	0.9375	2.9400e-003	0.3800	1.9400e-003	0.3820	0.1008	1.7900e-003	0.1026		297.2214	297.2214	6.7800e-003	7.0900e-003	299.5041
Total	0.1088	0.3687	1.0518	4.3500e-003	0.4313	3.6500e-003	0.4349	0.1155	3.4200e-003	0.1190		449.2559	449.2559	0.0120	0.0292	458.2513

413-417 Irving Glendale Apartments - 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	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220	0.0000	1,105.571 1	1,105.571 1	0.3576		1,114.510 2
Total	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220	0.0000	1,105.571 1	1,105.571 1	0.3576		1,114.510 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	0.0000	0.0000	0.0000	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	8.0500e-003	0.3048	0.1144	1.4100e-003	0.0512	1.7100e-003	0.0529	0.0148	1.6300e-003	0.0164		152.0345	152.0345	5.2600e-003	0.0221	158.7472
Worker	0.1007	0.0639	0.9375	2.9400e-003	0.3800	1.9400e-003	0.3820	0.1008	1.7900e-003	0.1026		297.2214	297.2214	6.7800e-003	7.0900e-003	299.5041
Total	0.1088	0.3687	1.0518	4.3500e-003	0.4313	3.6500e-003	0.4349	0.1155	3.4200e-003	0.1190		449.2559	449.2559	0.0120	0.0292	458.2513

413-417 Irving Glendale Apartments - 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 - 2026****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220		1,105.571 1	1,105.571 1	0.3576		1,114.510 2
Total	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220		1,105.571 1	1,105.571 1	0.3576		1,114.510 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	0.0000	0.0000	0.0000	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	7.8800e-003	0.3026	0.1130	1.3800e-003	0.0512	1.7000e-003	0.0529	0.0148	1.6300e-003	0.0164		149.1868	149.1868	5.2700e-003	0.0217	155.7827
Worker	0.0951	0.0581	0.8807	2.8500e-003	0.3800	1.8400e-003	0.3819	0.1008	1.7000e-003	0.1025		288.1106	288.1106	6.1700e-003	6.6900e-003	290.2575
Total	0.1030	0.3607	0.9936	4.2300e-003	0.4313	3.5400e-003	0.4348	0.1155	3.3300e-003	0.1189		437.2974	437.2974	0.0114	0.0284	446.0401

413-417 Irving Glendale Apartments - 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 - 2026****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	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220	0.0000	1,105.571 1	1,105.571 1	0.3576		1,114.510 2
Total	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220	0.0000	1,105.571 1	1,105.571 1	0.3576		1,114.510 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	0.0000	0.0000	0.0000	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	7.8800e-003	0.3026	0.1130	1.3800e-003	0.0512	1.7000e-003	0.0529	0.0148	1.6300e-003	0.0164		149.1868	149.1868	5.2700e-003	0.0217	155.7827
Worker	0.0951	0.0581	0.8807	2.8500e-003	0.3800	1.8400e-003	0.3819	0.1008	1.7000e-003	0.1025		288.1106	288.1106	6.1700e-003	6.6900e-003	290.2575
Total	0.1030	0.3607	0.9936	4.2300e-003	0.4313	3.5400e-003	0.4348	0.1155	3.3300e-003	0.1189		437.2974	437.2974	0.0114	0.0284	446.0401

413-417 Irving Glendale Apartments - 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 - 2026****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.271 1	1,036.271 1	0.3019		1,043.817 9
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.271 1	1,036.271 1	0.3019		1,043.817 9

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	0.0504	0.0307	0.4662	1.5100e-003	0.2012	9.8000e-004	0.2022	0.0534	9.0000e-004	0.0543		152.5291	152.5291	3.2600e-003	3.5400e-003	153.6657
Total	0.0504	0.0307	0.4662	1.5100e-003	0.2012	9.8000e-004	0.2022	0.0534	9.0000e-004	0.0543		152.5291	152.5291	3.2600e-003	3.5400e-003	153.6657

413-417 Irving Glendale Apartments - 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 - 2026****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	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046	0.0000	1,036.271 1	1,036.271 1	0.3019		1,043.817 9
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046	0.0000	1,036.271 1	1,036.271 1	0.3019		1,043.817 9

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	0.0504	0.0307	0.4662	1.5100e-003	0.2012	9.8000e-004	0.2022	0.0534	9.0000e-004	0.0543		152.5291	152.5291	3.2600e-003	3.5400e-003	153.6657
Total	0.0504	0.0307	0.4662	1.5100e-003	0.2012	9.8000e-004	0.2022	0.0534	9.0000e-004	0.0543		152.5291	152.5291	3.2600e-003	3.5400e-003	153.6657

413-417 Irving Glendale Apartments - 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 - 2026****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.6668					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	10.8376	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	0.0196	0.0120	0.1813	5.9000e-004	0.0782	3.8000e-004	0.0786	0.0208	3.5000e-004	0.0211		59.3169	59.3169	1.2700e-003	1.3800e-003	59.7589
Total	0.0196	0.0120	0.1813	5.9000e-004	0.0782	3.8000e-004	0.0786	0.0208	3.5000e-004	0.0211		59.3169	59.3169	1.2700e-003	1.3800e-003	59.7589

413-417 Irving Glendale Apartments - 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 - 2026****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	10.6668					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	10.8376	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	0.0196	0.0120	0.1813	5.9000e-004	0.0782	3.8000e-004	0.0786	0.0208	3.5000e-004	0.0211		59.3169	59.3169	1.2700e-003	1.3800e-003	59.7589
Total	0.0196	0.0120	0.1813	5.9000e-004	0.0782	3.8000e-004	0.0786	0.0208	3.5000e-004	0.0211		59.3169	59.3169	1.2700e-003	1.3800e-003	59.7589

413-417 Irving Glendale Apartments - 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	0.4264	0.5077	4.3275	9.7800e-003	1.0763	7.2200e-003	1.0836	0.2868	6.7200e-003	0.2935		997.1783	997.1783	0.0649	0.0443	1,012.0056
Unmitigated	0.4264	0.5077	4.3275	9.7800e-003	1.0763	7.2200e-003	1.0836	0.2868	6.7200e-003	0.2935		997.1783	997.1783	0.0649	0.0443	1,012.0056

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments High Rise	146.85	149.49	118.47	489,243	489,243
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Total	146.85	149.49	118.47	489,243	489,243

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

413-417 Irving Glendale Apartments - 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**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments High Rise	0.542450	0.061470	0.185138	0.129299	0.023799	0.006448	0.011958	0.009209	0.000810	0.000503	0.024446	0.000751	0.003721
Enclosed Parking with Elevator	0.542450	0.061470	0.185138	0.129299	0.023799	0.006448	0.011958	0.009209	0.000810	0.000503	0.024446	0.000751	0.003721

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	0.0127	0.1089	0.0463	6.9000e-004		8.8000e-003	8.8000e-003		8.8000e-003	8.8000e-003		138.9839	138.9839	2.6600e-003	2.5500e-003	139.8098
NaturalGas Unmitigated	0.0127	0.1089	0.0463	6.9000e-004		8.8000e-003	8.8000e-003		8.8000e-003	8.8000e-003		138.9839	138.9839	2.6600e-003	2.5500e-003	139.8098

413-417 Irving Glendale Apartments - 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					
Apartments High Rise	1181.36	0.0127	0.1089	0.0463	6.9000e-004		8.8000e-003	8.8000e-003		8.8000e-003	8.8000e-003		138.9839	138.9839	2.6600e-003	2.5500e-003	139.8098
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0127	0.1089	0.0463	6.9000e-004		8.8000e-003	8.8000e-003		8.8000e-003	8.8000e-003		138.9839	138.9839	2.6600e-003	2.5500e-003	139.8098

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments High Rise	1.18136	0.0127	0.1089	0.0463	6.9000e-004		8.8000e-003	8.8000e-003		8.8000e-003	8.8000e-003		138.9839	138.9839	2.6600e-003	2.5500e-003	139.8098
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0127	0.1089	0.0463	6.9000e-004		8.8000e-003	8.8000e-003		8.8000e-003	8.8000e-003		138.9839	138.9839	2.6600e-003	2.5500e-003	139.8098

6.0 Area Detail

413-417 Irving Glendale Apartments - 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	9.4498	0.7161	19.5061	0.0430		2.5359	2.5359		2.5359	2.5359	309.1083	598.9076	908.0159	0.9265	0.0210	937.4314
Unmitigated	9.4498	0.7161	19.5061	0.0430		2.5359	2.5359		2.5359	2.5359	309.1083	598.9076	908.0159	0.9265	0.0210	937.4314

413-417 Irving Glendale Apartments - 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****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	0.0585					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.6621					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	8.6472	0.6847	16.7822	0.0428		2.5208	2.5208		2.5208	2.5208	309.1083	594.0000	903.1083	0.9218	0.0210	932.4059
Landscaping	0.0821	0.0314	2.7239	1.4000e-004		0.0151	0.0151		0.0151	0.0151		4.9076	4.9076	4.7200e-003		5.0256
Total	9.4498	0.7161	19.5061	0.0430		2.5359	2.5359		2.5359	2.5359	309.1083	598.9076	908.0159	0.9265	0.0210	937.4315

413-417 Irving Glendale Apartments - 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	0.0585					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.6621					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	8.6472	0.6847	16.7822	0.0428		2.5208	2.5208		2.5208	2.5208	309.1083	594.0000	903.1083	0.9218	0.0210	932.4059
Landscaping	0.0821	0.0314	2.7239	1.4000e-004		0.0151	0.0151		0.0151	0.0151		4.9076	4.9076	4.7200e-003		5.0256
Total	9.4498	0.7161	19.5061	0.0430		2.5359	2.5359		2.5359	2.5359	309.1083	598.9076	908.0159	0.9265	0.0210	937.4315

7.0 Water Detail**7.1 Mitigation Measures Water**

413-417 Irving Glendale Apartments - 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

413-417 Irving Glendale Apartments - 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**413-417 Irving Glendale Apartments****South Coast AQMD Air District, Summer****1.0 Project Characteristics****1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments High Rise	33.00	Dwelling Unit	0.42	33,000.00	94
Enclosed Parking with Elevator	14.95	1000sqft	0.01	14,950.00	0
Enclosed Parking with Elevator	9.67	1000sqft	0.01	9,670.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9			Operational Year	2024
Utility Company	Glendale Water and Power				
CO2 Intensity (lb/MW hr)	948.98	CH4 Intensity (lb/MW hr)	0.033	N2O Intensity (lb/MW hr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Demo 4,666 SF (417 Irving - 864 SF; 1,080 SF; and 887 SF; and 413 Irving - 1,157 SF; 515 SF; 163 SF), Const. 33-unit, 45,345 SF MFR dwelling w/ a 9,674 SF garage and a 14,950 SF sub. garage. Grading: Cut 5,495 CY Fill 35 CY (5,460 CY Total Export)

Land Use - 35,675 SF Residential Floor Area; 24,620 SF of parking on a 18,238 SF lot. 33 DUs on a .419 acre lot classified as Apartment High Rise by CalEEMod manual as this equates to 79 du's to an acre.

Construction Phase - Demo: 4 weeks, Site prep: 2 weeks, grading: 4 weeks, constructions 18 months, paving 3 weeks, arch finishes: 4 months

Grading - Cut 5,495 CY, Fill 35 CY, Export 5.460 CY

Demolition - Demo 4,666 SF (417 Irving - 864 SF; 1,080 SF; and 887 SF; and 413 Irving - 1,157 SF; 515 SF; 163 SF)

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	20.00
tblConstructionPhase	NumDays	100.00	391.00

413-417 Irving Glendale Apartments - 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

tblConstructionPhase	NumDays	10.00	30.00
tblConstructionPhase	NumDays	2.00	16.00
tblConstructionPhase	NumDays	5.00	20.00
tblConstructionPhase	NumDays	1.00	11.00
tblConstructionPhase	PhaseEndDate	12/18/2024	4/22/2026
tblConstructionPhase	PhaseEndDate	12/4/2024	3/18/2026
tblConstructionPhase	PhaseEndDate	7/12/2024	8/9/2024
tblConstructionPhase	PhaseEndDate	7/17/2024	9/17/2024
tblConstructionPhase	PhaseEndDate	12/11/2024	4/15/2026
tblConstructionPhase	PhaseEndDate	7/15/2024	8/26/2024
tblConstructionPhase	PhaseStartDate	12/12/2024	4/16/2026
tblConstructionPhase	PhaseStartDate	7/18/2024	9/18/2024
tblConstructionPhase	PhaseStartDate	7/16/2024	8/27/2024
tblConstructionPhase	PhaseStartDate	12/5/2024	3/19/2026
tblConstructionPhase	PhaseStartDate	7/13/2024	8/10/2024
tblGrading	AcresOfGrading	12.00	1.50
tblGrading	AcresOfGrading	5.50	0.50
tblGrading	MaterialExported	0.00	5,460.00
tblLandUse	LotAcreage	0.53	0.42
tblLandUse	LotAcreage	0.34	0.01
tblLandUse	LotAcreage	0.22	0.01
tblTripsAndVMT	HaulingTripNumber	683.00	682.00

2.0 Emissions Summary

413-417 Irving Glendale Apartments - 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	1.0283	14.9033	8.2907	0.0388	5.4896	0.4395	5.9291	2.7273	0.4058	3.1331	0.0000	4,083.293 1	4,083.293 1	0.5927	0.4215	4,223.719 1
2025	0.6543	5.8308	8.1737	0.0160	0.4313	0.2449	0.6762	0.1155	0.2254	0.3409	0.0000	1,572.815 5	1,572.815 5	0.3695	0.0287	1,590.611 2
2026	10.8560	5.8234	8.1092	0.0158	0.4313	0.2448	0.6761	0.1155	0.2253	0.3408	0.0000	1,560.282 2	1,560.282 2	0.3689	0.0279	1,577.832 9
Maximum	10.8560	14.9033	8.2907	0.0388	5.4896	0.4395	5.9291	2.7273	0.4058	3.1331	0.0000	4,083.293 1	4,083.293 1	0.5927	0.4215	4,223.719 1

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	1.0283	14.9033	8.2907	0.0388	5.4896	0.4395	5.9291	2.7273	0.4058	3.1331	0.0000	4,083.293 1	4,083.293 1	0.5927	0.4215	4,223.719 1
2025	0.6543	5.8308	8.1737	0.0160	0.4313	0.2449	0.6762	0.1155	0.2254	0.3409	0.0000	1,572.815 5	1,572.815 5	0.3695	0.0287	1,590.611 2
2026	10.8560	5.8234	8.1092	0.0158	0.4313	0.2448	0.6761	0.1155	0.2253	0.3408	0.0000	1,560.282 2	1,560.282 2	0.3689	0.0279	1,577.832 9
Maximum	10.8560	14.9033	8.2907	0.0388	5.4896	0.4395	5.9291	2.7273	0.4058	3.1331	0.0000	4,083.293 1	4,083.293 1	0.5927	0.4215	4,223.719 1

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

[illegible]

413-417 Irving Glendale Apartments - 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	9.4498	0.7161	19.5061	0.0430		2.5359	2.5359		2.5359	2.5359	309.1083	598.9076	908.0159	0.9265	0.0210	937.4314
Energy	0.0127	0.1089	0.0463	6.9000e-004		8.8000e-003	8.8000e-003		8.8000e-003	8.8000e-003		138.9839	138.9839	2.6600e-003	2.5500e-003	139.8098
Mobile	0.4421	0.4726	4.4874	0.0103	1.0763	7.2200e-003	1.0836	0.2868	6.7100e-003	0.2935		1,045.5839	1,045.5839	0.0632	0.0427	1,059.8719
Total	9.9047	1.2975	24.0398	0.0539	1.0763	2.5519	3.6283	0.2868	2.5514	2.8383	309.1083	1,783.4754	2,092.5837	0.9924	0.0662	2,137.1131

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	9.4498	0.7161	19.5061	0.0430		2.5359	2.5359		2.5359	2.5359	309.1083	598.9076	908.0159	0.9265	0.0210	937.4314
Energy	0.0127	0.1089	0.0463	6.9000e-004		8.8000e-003	8.8000e-003		8.8000e-003	8.8000e-003		138.9839	138.9839	2.6600e-003	2.5500e-003	139.8098
Mobile	0.4421	0.4726	4.4874	0.0103	1.0763	7.2200e-003	1.0836	0.2868	6.7100e-003	0.2935		1,045.5839	1,045.5839	0.0632	0.0427	1,059.8719
Total	9.9047	1.2975	24.0398	0.0539	1.0763	2.5519	3.6283	0.2868	2.5514	2.8383	309.1083	1,783.4754	2,092.5837	0.9924	0.0662	2,137.1131

413-417 Irving Glendale Apartments - 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	7/1/2024	8/9/2024	5	30	
2	Site Preparation	Site Preparation	8/10/2024	8/26/2024	5	11	
3	Grading	Grading	8/27/2024	9/17/2024	5	16	
4	Building Construction	Building Construction	9/18/2024	3/18/2026	5	391	
5	Paving	Paving	3/19/2026	4/15/2026	5	20	
6	Architectural Coating	Architectural Coating	4/16/2026	4/22/2026	5	20	

Acres of Grading (Site Preparation Phase): 0.5**Acres of Grading (Grading Phase): 1.5****Acres of Paving: 0.02****Residential Indoor: 66,825; Residential Outdoor: 22,275; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 1,477 (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	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20

413-417 Irving Glendale Apartments - 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

Grading	Graders	1	6.00	187	0.41
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	0.00	21.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	682.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	34.00	8.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	7.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

413-417 Irving Glendale Apartments - 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					0.1531	0.0000	0.1531	0.0232	0.0000	0.0232			0.0000			0.0000
Off-Road	0.6156	5.4776	7.3949	0.0120		0.2504	0.2504		0.2392	0.2392		1,148.687 4	1,148.687 4	0.2080		1,153.887 0
Total	0.6156	5.4776	7.3949	0.0120	0.1531	0.2504	0.4035	0.0232	0.2392	0.2624		1,148.687 4	1,148.687 4	0.2080		1,153.887 0

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	1.5000e-003	0.0847	0.0241	3.9000e-004	0.0122	6.4000e-004	0.0129	3.3600e-003	6.1000e-004	3.9700e-003		43.3840	43.3840	2.4600e-003	6.8900e-003	45.5000
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	0.0313	0.1039	0.3508	1.3400e-003	0.1240	1.2400e-003	0.1253	0.0330	1.1600e-003	0.0342		139.4504	139.4504	4.6300e-003	8.9900e-003	142.2477

413-417 Irving Glendale Apartments - 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					0.1531	0.0000	0.1531	0.0232	0.0000	0.0232			0.0000			0.0000
Off-Road	0.6156	5.4776	7.3949	0.0120		0.2504	0.2504		0.2392	0.2392	0.0000	1,148.687 4	1,148.687 4	0.2080		1,153.887 0
Total	0.6156	5.4776	7.3949	0.0120	0.1531	0.2504	0.4035	0.0232	0.2392	0.2624	0.0000	1,148.687 4	1,148.687 4	0.2080		1,153.887 0

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	1.5000e-003	0.0847	0.0241	3.9000e-004	0.0122	6.4000e-004	0.0129	3.3600e-003	6.1000e-004	3.9700e-003		43.3840	43.3840	2.4600e-003	6.8900e-003	45.5000
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	0.0313	0.1039	0.3508	1.3400e-003	0.1240	1.2400e-003	0.1253	0.0330	1.1600e-003	0.0342		139.4504	139.4504	4.6300e-003	8.9900e-003	142.2477

413-417 Irving Glendale Apartments - 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					0.0482	0.0000	0.0482	5.2000e-003	0.0000	5.2000e-003			0.0000			0.0000
Off-Road	0.4985	5.6040	3.8921	9.7300e-003		0.2012	0.2012		0.1851	0.1851		942.2742	942.2742	0.3048		949.8930
Total	0.4985	5.6040	3.8921	9.7300e-003	0.0482	0.2012	0.2494	5.2000e-003	0.1851	0.1903		942.2742	942.2742	0.3048		949.8930

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	0.0149	9.5700e-003	0.1633	4.8000e-004	0.0559	3.0000e-004	0.0562	0.0148	2.8000e-004	0.0151		48.0332	48.0332	1.0900e-003	1.0500e-003	48.3739
Total	0.0149	9.5700e-003	0.1633	4.8000e-004	0.0559	3.0000e-004	0.0562	0.0148	2.8000e-004	0.0151		48.0332	48.0332	1.0900e-003	1.0500e-003	48.3739

413-417 Irving Glendale Apartments - 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					0.0482	0.0000	0.0482	5.2000e-003	0.0000	5.2000e-003			0.0000			0.0000
Off-Road	0.4985	5.6040	3.8921	9.7300e-003		0.2012	0.2012		0.1851	0.1851	0.0000	942.2742	942.2742	0.3048		949.8930
Total	0.4985	5.6040	3.8921	9.7300e-003	0.0482	0.2012	0.2494	5.2000e-003	0.1851	0.1903	0.0000	942.2742	942.2742	0.3048		949.8930

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	0.0149	9.5700e-003	0.1633	4.8000e-004	0.0559	3.0000e-004	0.0562	0.0148	2.8000e-004	0.0151		48.0332	48.0332	1.0900e-003	1.0500e-003	48.3739
Total	0.0149	9.5700e-003	0.1633	4.8000e-004	0.0559	3.0000e-004	0.0562	0.0148	2.8000e-004	0.0151		48.0332	48.0332	1.0900e-003	1.0500e-003	48.3739

413-417 Irving Glendale Apartments - 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					4.6546	0.0000	4.6546	2.4993	0.0000	2.4993			0.0000			0.0000
Off-Road	0.9132	9.7297	5.5468	0.0141		0.4001	0.4001		0.3681	0.3681		1,364.662 3	1,364.662 3	0.4414		1,375.696 2
Total	0.9132	9.7297	5.5468	0.0141	4.6546	0.4001	5.0547	2.4993	0.3681	2.8674		1,364.662 3	1,364.662 3	0.4414		1,375.696 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	0.0913	5.1583	1.4677	0.0240	0.7456	0.0389	0.7845	0.2044	0.0373	0.2416		2,641.777 8	2,641.777 8	0.1496	0.4198	2,770.624 7
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	0.1151	5.1736	1.7291	0.0248	0.8350	0.0394	0.8744	0.2281	0.0377	0.2658		2,718.630 9	2,718.630 9	0.1513	0.4215	2,848.022 8

413-417 Irving Glendale Apartments - 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					4.6546	0.0000	4.6546	2.4993	0.0000	2.4993			0.0000			0.0000
Off-Road	0.9132	9.7297	5.5468	0.0141		0.4001	0.4001		0.3681	0.3681	0.0000	1,364.662 3	1,364.662 3	0.4414		1,375.696 2
Total	0.9132	9.7297	5.5468	0.0141	4.6546	0.4001	5.0547	2.4993	0.3681	2.8674	0.0000	1,364.662 3	1,364.662 3	0.4414		1,375.696 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	0.0913	5.1583	1.4677	0.0240	0.7456	0.0389	0.7845	0.2044	0.0373	0.2416		2,641.777 8	2,641.777 8	0.1496	0.4198	2,770.624 7
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	0.1151	5.1736	1.7291	0.0248	0.8350	0.0394	0.8744	0.2281	0.0377	0.2658		2,718.630 9	2,718.630 9	0.1513	0.4215	2,848.022 8

413-417 Irving Glendale Apartments - 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	0.5950	5.9739	7.0675	0.0114		0.2824	0.2824		0.2598	0.2598		1,104.9834	1,104.9834	0.3574		1,113.9177
Total	0.5950	5.9739	7.0675	0.0114		0.2824	0.2824		0.2598	0.2598		1,104.9834	1,104.9834	0.3574		1,113.9177

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	8.6400e-003	0.2917	0.1125	1.4300e-003	0.0512	1.7000e-003	0.0529	0.0148	1.6200e-003	0.0164		154.5687	154.5687	5.2700e-003	0.0224	161.3786
Worker	0.1013	0.0651	1.1107	3.2300e-003	0.3800	2.0400e-003	0.3821	0.1008	1.8800e-003	0.1027		326.6255	326.6255	7.3900e-003	7.1500e-003	328.9423
Total	0.1100	0.3568	1.2232	4.6600e-003	0.4313	3.7400e-003	0.4350	0.1155	3.5000e-003	0.1190		481.1942	481.1942	0.0127	0.0296	490.3208

413-417 Irving Glendale Apartments - 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	0.5950	5.9739	7.0675	0.0114		0.2824	0.2824		0.2598	0.2598	0.0000	1,104.983 4	1,104.983 4	0.3574		1,113.917 7
Total	0.5950	5.9739	7.0675	0.0114		0.2824	0.2824		0.2598	0.2598	0.0000	1,104.983 4	1,104.983 4	0.3574		1,113.917 7

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	8.6400e-003	0.2917	0.1125	1.4300e-003	0.0512	1.7000e-003	0.0529	0.0148	1.6200e-003	0.0164		154.5687	154.5687	5.2700e-003	0.0224	161.3786
Worker	0.1013	0.0651	1.1107	3.2300e-003	0.3800	2.0400e-003	0.3821	0.1008	1.8800e-003	0.1027		326.6255	326.6255	7.3900e-003	7.1500e-003	328.9423
Total	0.1100	0.3568	1.2232	4.6600e-003	0.4313	3.7400e-003	0.4350	0.1155	3.5000e-003	0.1190		481.1942	481.1942	0.0127	0.0296	490.3208

413-417 Irving Glendale Apartments - 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	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220		1,105.571 1	1,105.571 1	0.3576		1,114.510 2
Total	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220		1,105.571 1	1,105.571 1	0.3576		1,114.510 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	0.0000	0.0000	0.0000	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	8.4500e-003	0.2903	0.1108	1.4100e-003	0.0512	1.7000e-003	0.0529	0.0148	1.6300e-003	0.0164		151.7514	151.7514	5.2900e-003	0.0220	158.4475
Worker	0.0949	0.0585	1.0347	3.1200e-003	0.3800	1.9400e-003	0.3820	0.1008	1.7900e-003	0.1026		315.4931	315.4931	6.6700e-003	6.6900e-003	317.6535
Total	0.1033	0.3488	1.1455	4.5300e-003	0.4313	3.6400e-003	0.4349	0.1155	3.4200e-003	0.1190		467.2445	467.2445	0.0120	0.0287	476.1010

413-417 Irving Glendale Apartments - 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	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220	0.0000	1,105.571 1	1,105.571 1	0.3576		1,114.510 2
Total	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220	0.0000	1,105.571 1	1,105.571 1	0.3576		1,114.510 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	0.0000	0.0000	0.0000	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	8.4500e-003	0.2903	0.1108	1.4100e-003	0.0512	1.7000e-003	0.0529	0.0148	1.6300e-003	0.0164		151.7514	151.7514	5.2900e-003	0.0220	158.4475
Worker	0.0949	0.0585	1.0347	3.1200e-003	0.3800	1.9400e-003	0.3820	0.1008	1.7900e-003	0.1026		315.4931	315.4931	6.6700e-003	6.6900e-003	317.6535
Total	0.1033	0.3488	1.1455	4.5300e-003	0.4313	3.6400e-003	0.4349	0.1155	3.4200e-003	0.1190		467.2445	467.2445	0.0120	0.0287	476.1010

413-417 Irving Glendale Apartments - 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 - 2026****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220		1,105.571 1	1,105.571 1	0.3576		1,114.510 2
Total	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220		1,105.571 1	1,105.571 1	0.3576		1,114.510 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	0.0000	0.0000	0.0000	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	8.2800e-003	0.2883	0.1094	1.3800e-003	0.0512	1.7000e-003	0.0529	0.0148	1.6200e-003	0.0164		148.9054	148.9054	5.3000e-003	0.0216	155.4850
Worker	0.0893	0.0531	0.9716	3.0300e-003	0.3800	1.8400e-003	0.3819	0.1008	1.7000e-003	0.1025		305.8057	305.8057	6.0600e-003	6.3100e-003	307.8378
Total	0.0976	0.3414	1.0810	4.4100e-003	0.4313	3.5400e-003	0.4348	0.1155	3.3200e-003	0.1189		454.7111	454.7111	0.0114	0.0279	463.3228

413-417 Irving Glendale Apartments - 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 - 2026****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	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220	0.0000	1,105.571 1	1,105.571 1	0.3576		1,114.510 2
Total	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220	0.0000	1,105.571 1	1,105.571 1	0.3576		1,114.510 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	0.0000	0.0000	0.0000	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	8.2800e-003	0.2883	0.1094	1.3800e-003	0.0512	1.7000e-003	0.0529	0.0148	1.6200e-003	0.0164		148.9054	148.9054	5.3000e-003	0.0216	155.4850
Worker	0.0893	0.0531	0.9716	3.0300e-003	0.3800	1.8400e-003	0.3819	0.1008	1.7000e-003	0.1025		305.8057	305.8057	6.0600e-003	6.3100e-003	307.8378
Total	0.0976	0.3414	1.0810	4.4100e-003	0.4313	3.5400e-003	0.4348	0.1155	3.3200e-003	0.1189		454.7111	454.7111	0.0114	0.0279	463.3228

413-417 Irving Glendale Apartments - 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 - 2026****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.271 1	1,036.271 1	0.3019		1,043.817 9
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.271 1	1,036.271 1	0.3019		1,043.817 9

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	0.0473	0.0281	0.5144	1.6000e-003	0.2012	9.8000e-004	0.2022	0.0534	9.0000e-004	0.0543		161.8971	161.8971	3.2100e-003	3.3400e-003	162.9729
Total	0.0473	0.0281	0.5144	1.6000e-003	0.2012	9.8000e-004	0.2022	0.0534	9.0000e-004	0.0543		161.8971	161.8971	3.2100e-003	3.3400e-003	162.9729

413-417 Irving Glendale Apartments - 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 - 2026****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	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046	0.0000	1,036.271 1	1,036.271 1	0.3019		1,043.817 9
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046	0.0000	1,036.271 1	1,036.271 1	0.3019		1,043.817 9

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	0.0473	0.0281	0.5144	1.6000e-003	0.2012	9.8000e-004	0.2022	0.0534	9.0000e-004	0.0543		161.8971	161.8971	3.2100e-003	3.3400e-003	162.9729
Total	0.0473	0.0281	0.5144	1.6000e-003	0.2012	9.8000e-004	0.2022	0.0534	9.0000e-004	0.0543		161.8971	161.8971	3.2100e-003	3.3400e-003	162.9729

413-417 Irving Glendale Apartments - 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 - 2026****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	10.6668					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	10.8376	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	0.0184	0.0109	0.2000	6.2000e-004	0.0782	3.8000e-004	0.0786	0.0208	3.5000e-004	0.0211		62.9600	62.9600	1.2500e-003	1.3000e-003	63.3784
Total	0.0184	0.0109	0.2000	6.2000e-004	0.0782	3.8000e-004	0.0786	0.0208	3.5000e-004	0.0211		62.9600	62.9600	1.2500e-003	1.3000e-003	63.3784

413-417 Irving Glendale Apartments - 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 - 2026****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	10.6668					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	10.8376	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	0.0184	0.0109	0.2000	6.2000e-004	0.0782	3.8000e-004	0.0786	0.0208	3.5000e-004	0.0211		62.9600	62.9600	1.2500e-003	1.3000e-003	63.3784
Total	0.0184	0.0109	0.2000	6.2000e-004	0.0782	3.8000e-004	0.0786	0.0208	3.5000e-004	0.0211		62.9600	62.9600	1.2500e-003	1.3000e-003	63.3784

413-417 Irving Glendale Apartments - 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	0.4421	0.4726	4.4874	0.0103	1.0763	7.2200e-003	1.0836	0.2868	6.7100e-003	0.2935		1,045.5839	1,045.5839	0.0632	0.0427	1,059.8719
Unmitigated	0.4421	0.4726	4.4874	0.0103	1.0763	7.2200e-003	1.0836	0.2868	6.7100e-003	0.2935		1,045.5839	1,045.5839	0.0632	0.0427	1,059.8719

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments High Rise	146.85	149.49	118.47	489,243	489,243
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Total	146.85	149.49	118.47	489,243	489,243

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
Apartments High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

413-417 Irving Glendale Apartments - 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**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments High Rise	0.542450	0.061470	0.185138	0.129299	0.023799	0.006448	0.011958	0.009209	0.000810	0.000503	0.024446	0.000751	0.003721
Enclosed Parking with Elevator	0.542450	0.061470	0.185138	0.129299	0.023799	0.006448	0.011958	0.009209	0.000810	0.000503	0.024446	0.000751	0.003721

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	0.0127	0.1089	0.0463	6.9000e-004		8.8000e-003	8.8000e-003		8.8000e-003	8.8000e-003		138.9839	138.9839	2.6600e-003	2.5500e-003	139.8098
NaturalGas Unmitigated	0.0127	0.1089	0.0463	6.9000e-004		8.8000e-003	8.8000e-003		8.8000e-003	8.8000e-003		138.9839	138.9839	2.6600e-003	2.5500e-003	139.8098

413-417 Irving Glendale Apartments - 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					
Apartments High Rise	1181.36	0.0127	0.1089	0.0463	6.9000e-004		8.8000e-003	8.8000e-003		8.8000e-003	8.8000e-003		138.9839	138.9839	2.6600e-003	2.5500e-003	139.8098
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0127	0.1089	0.0463	6.9000e-004		8.8000e-003	8.8000e-003		8.8000e-003	8.8000e-003		138.9839	138.9839	2.6600e-003	2.5500e-003	139.8098

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments High Rise	1.18136	0.0127	0.1089	0.0463	6.9000e-004		8.8000e-003	8.8000e-003		8.8000e-003	8.8000e-003		138.9839	138.9839	2.6600e-003	2.5500e-003	139.8098
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0127	0.1089	0.0463	6.9000e-004		8.8000e-003	8.8000e-003		8.8000e-003	8.8000e-003		138.9839	138.9839	2.6600e-003	2.5500e-003	139.8098

6.0 Area Detail

413-417 Irving Glendale Apartments - 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	9.4498	0.7161	19.5061	0.0430		2.5359	2.5359		2.5359	2.5359	309.1083	598.9076	908.0159	0.9265	0.0210	937.4314
Unmitigated	9.4498	0.7161	19.5061	0.0430		2.5359	2.5359		2.5359	2.5359	309.1083	598.9076	908.0159	0.9265	0.0210	937.4314

413-417 Irving Glendale Apartments - 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****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	0.0585					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.6621					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	8.6472	0.6847	16.7822	0.0428		2.5208	2.5208		2.5208	2.5208	309.1083	594.0000	903.1083	0.9218	0.0210	932.4059
Landscaping	0.0821	0.0314	2.7239	1.4000e-004		0.0151	0.0151		0.0151	0.0151		4.9076	4.9076	4.7200e-003		5.0256
Total	9.4498	0.7161	19.5061	0.0430		2.5359	2.5359		2.5359	2.5359	309.1083	598.9076	908.0159	0.9265	0.0210	937.4315

413-417 Irving Glendale Apartments - 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	0.0585					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.6621					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	8.6472	0.6847	16.7822	0.0428		2.5208	2.5208		2.5208	2.5208	309.1083	594.0000	903.1083	0.9218	0.0210	932.4059
Landscaping	0.0821	0.0314	2.7239	1.4000e-004		0.0151	0.0151		0.0151	0.0151		4.9076	4.9076	4.7200e-003		5.0256
Total	9.4498	0.7161	19.5061	0.0430		2.5359	2.5359		2.5359	2.5359	309.1083	598.9076	908.0159	0.9265	0.0210	937.4315

7.0 Water Detail**7.1 Mitigation Measures Water**

413-417 Irving Glendale Apartments - 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

413-417 Irving Glendale Apartments - 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**413-417 Irving Glendale Apartments****South Coast AQMD Air District, Annual****1.0 Project Characteristics****1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments High Rise	33.00	Dwelling Unit	0.42	33,000.00	94
Enclosed Parking with Elevator	14.95	1000sqft	0.01	14,950.00	0
Enclosed Parking with Elevator	9.67	1000sqft	0.01	9,670.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	9			Operational Year	2024
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 - Demo 4,666 SF (417 Irving - 864 SF; 1,080 SF; and 887 SF; and 413 Irving - 1,157 SF; 515 SF; 163 SF), Const. 33-unit, 45,345 SF MFR dwelling w/ a 9,674 SF garage and a 14,950 SF sub. garage. Grading: Cut 5,495 CY Fill 35 CY (5,460 CY Total Export)

Land Use - 35,675 SF Residential Floor Area; 24,620 SF of parking on a 18,238 SF lot. 33 DUs on a .419 acre lot classified as Apartment High Rise by CalEEMod manual as this equates to 79 du's to an acre.

Construction Phase - Demo: 4 weeks, Site prep: 2 weeks, grading: 4 weeks, constructions 18 months, paving 3 weeks, arch finishes: 4 months

Grading - Cut 5,495 CY, Fill 35 CY, Export 5.460 CY

Demolition - Demo 4,666 SF (417 Irving - 864 SF; 1,080 SF; and 887 SF; and 413 Irving - 1,157 SF; 515 SF; 163 SF)

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	20.00
tblConstructionPhase	NumDays	100.00	391.00

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

tblConstructionPhase	NumDays	10.00	30.00
tblConstructionPhase	NumDays	2.00	16.00
tblConstructionPhase	NumDays	5.00	20.00
tblConstructionPhase	NumDays	1.00	11.00
tblConstructionPhase	PhaseEndDate	12/18/2024	4/22/2026
tblConstructionPhase	PhaseEndDate	12/4/2024	3/18/2026
tblConstructionPhase	PhaseEndDate	7/12/2024	8/9/2024
tblConstructionPhase	PhaseEndDate	7/17/2024	9/17/2024
tblConstructionPhase	PhaseEndDate	12/11/2024	4/15/2026
tblConstructionPhase	PhaseEndDate	7/15/2024	8/26/2024
tblConstructionPhase	PhaseStartDate	12/12/2024	4/16/2026
tblConstructionPhase	PhaseStartDate	7/18/2024	9/18/2024
tblConstructionPhase	PhaseStartDate	7/16/2024	8/27/2024
tblConstructionPhase	PhaseStartDate	12/5/2024	3/19/2026
tblConstructionPhase	PhaseStartDate	7/13/2024	8/10/2024
tblGrading	AcresOfGrading	12.00	1.50
tblGrading	AcresOfGrading	5.50	0.50
tblGrading	MaterialExported	0.00	5,460.00
tblLandUse	LotAcreage	0.53	0.42
tblLandUse	LotAcreage	0.34	0.01
tblLandUse	LotAcreage	0.22	0.01
tblTripsAndVMT	HaulingTripNumber	683.00	682.00

2.0 Emissions Summary

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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	0.0471	0.4744	0.5043	1.1600e-003	0.0644	0.0191	0.0835	0.0270	0.0177	0.0447	0.0000	105.5025	105.5025	0.0213	4.2200e-003	107.2921
2025	0.0851	0.7637	1.0576	2.0600e-003	0.0553	0.0320	0.0872	0.0148	0.0294	0.0442	0.0000	184.5897	184.5897	0.0438	3.4600e-003	186.7160
2026	0.0510	0.2131	0.3013	5.7000e-004	0.0138	9.0600e-003	0.0229	3.7000e-003	8.3800e-003	0.0121	0.0000	50.1769	50.1769	0.0120	7.5000e-004	50.6994
Maximum	0.0851	0.7637	1.0576	2.0600e-003	0.0644	0.0320	0.0872	0.0270	0.0294	0.0447	0.0000	184.5897	184.5897	0.0438	4.2200e-003	186.7160

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	0.0471	0.4744	0.5043	1.1600e-003	0.0644	0.0191	0.0835	0.0270	0.0177	0.0447	0.0000	105.5024	105.5024	0.0213	4.2200e-003	107.2921
2025	0.0851	0.7637	1.0576	2.0600e-003	0.0553	0.0320	0.0872	0.0148	0.0294	0.0442	0.0000	184.5896	184.5896	0.0438	3.4600e-003	186.7158
2026	0.0510	0.2131	0.3013	5.7000e-004	0.0138	9.0600e-003	0.0229	3.7000e-003	8.3800e-003	0.0121	0.0000	50.1768	50.1768	0.0120	7.5000e-004	50.6993
Maximum	0.0851	0.7637	1.0576	2.0600e-003	0.0644	0.0320	0.0872	0.0270	0.0294	0.0447	0.0000	184.5896	184.5896	0.0438	4.2200e-003	186.7158

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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
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	7-1-2024	9-30-2024	0.2840	0.2840
2	10-1-2024	12-31-2024	0.2320	0.2320
3	1-1-2025	3-31-2025	0.2093	0.2093
4	4-1-2025	6-30-2025	0.2108	0.2108
5	7-1-2025	9-30-2025	0.2131	0.2131
6	10-1-2025	12-31-2025	0.2139	0.2139
7	1-1-2026	3-31-2026	0.2045	0.2045
8	4-1-2026	6-30-2026	0.0598	0.0598
		Highest	0.2840	0.2840

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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****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	0.2499	0.0125	0.5503	5.5000e-004		0.0334	0.0334		0.0334	0.0334	3.5052	7.2924	10.7976	0.0110	2.4000e-004	11.1432
Energy	2.3300e-003	0.0199	8.4500e-003	1.3000e-004		1.6100e-003	1.6100e-003		1.6100e-003	1.6100e-003	0.0000	135.3412	135.3412	4.3500e-003	9.0000e-004	135.7167
Mobile	0.0733	0.0897	0.7632	1.7200e-003	0.1842	1.2600e-003	0.1854	0.0492	1.1700e-003	0.0503	0.0000	159.3857	159.3857	0.0102	7.0500e-003	161.7418
Waste						0.0000	0.0000		0.0000	0.0000	3.0814	0.0000	3.0814	0.1821	0.0000	7.6341
Water						0.0000	0.0000		0.0000	0.0000	0.6821	18.5333	19.2155	0.0707	1.7300e-003	21.4993
Total	0.3255	0.1220	1.3219	2.4000e-003	0.1842	0.0363	0.2205	0.0492	0.0362	0.0853	7.2688	320.5525	327.8213	0.2784	9.9200e-003	337.7350

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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	0.2499	0.0125	0.5503	5.5000e-004		0.0334	0.0334		0.0334	0.0334	3.5052	7.2924	10.7976	0.0110	2.4000e-004	11.1432
Energy	2.3300e-003	0.0199	8.4500e-003	1.3000e-004		1.6100e-003	1.6100e-003		1.6100e-003	1.6100e-003	0.0000	135.3412	135.3412	4.3500e-003	9.0000e-004	135.7167
Mobile	0.0733	0.0897	0.7632	1.7200e-003	0.1842	1.2600e-003	0.1854	0.0492	1.1700e-003	0.0503	0.0000	159.3857	159.3857	0.0102	7.0500e-003	161.7418
Waste						0.0000	0.0000		0.0000	0.0000	3.0814	0.0000	3.0814	0.1821	0.0000	7.6341
Water						0.0000	0.0000		0.0000	0.0000	0.6821	18.5333	19.2155	0.0707	1.7300e-003	21.4993
Total	0.3255	0.1220	1.3219	2.4000e-003	0.1842	0.0363	0.2205	0.0492	0.0362	0.0853	7.2688	320.5525	327.8213	0.2784	9.9200e-003	337.7350

	ROG	NOx	CO	SO2	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	7/1/2024	8/9/2024	5	30	
2	Site Preparation	Site Preparation	8/10/2024	8/26/2024	5	11	
3	Grading	Grading	8/27/2024	9/17/2024	5	16	

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

4	Building Construction	Building Construction	9/18/2024	3/18/2026	5	391
5	Paving	Paving	3/19/2026	4/15/2026	5	20
6	Architectural Coating	Architectural Coating	4/16/2026	4/22/2026	5	20

Acres of Grading (Site Preparation Phase): 0.5**Acres of Grading (Grading Phase): 1.5****Acres of Paving: 0.02****Residential Indoor: 66,825; Residential Outdoor: 22,275; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 1,477 (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	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Grading	Graders	1	6.00	187	0.41
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**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	4	10.00	0.00	21.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	682.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	34.00	8.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	7.00	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					2.3000e-003	0.0000	2.3000e-003	3.5000e-004	0.0000	3.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.2300e-003	0.0822	0.1109	1.8000e-004		3.7600e-003	3.7600e-003		3.5900e-003	3.5900e-003	0.0000	15.6311	15.6311	2.8300e-003	0.0000	15.7018
Total	9.2300e-003	0.0822	0.1109	1.8000e-004	2.3000e-003	3.7600e-003	6.0600e-003	3.5000e-004	3.5900e-003	3.9400e-003	0.0000	15.6311	15.6311	2.8300e-003	0.0000	15.7018

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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 Off-Site**

	ROG	NOx	CO	SO2	Fugitive 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	2.0000e-005	1.3400e-003	3.6000e-004	1.0000e-005	1.8000e-004	1.0000e-005	1.9000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.5906	0.5906	3.0000e-005	9.0000e-005	0.6195
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	4.4000e-004	3.2000e-004	4.5600e-003	1.0000e-005	1.6500e-003	1.0000e-005	1.6500e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.2503	1.2503	3.0000e-005	3.0000e-005	1.2602
Total	4.6000e-004	1.6600e-003	4.9200e-003	2.0000e-005	1.8300e-003	2.0000e-005	1.8400e-003	4.9000e-004	2.0000e-005	5.1000e-004	0.0000	1.8409	1.8409	6.0000e-005	1.2000e-004	1.8797

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					2.3000e-003	0.0000	2.3000e-003	3.5000e-004	0.0000	3.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.2300e-003	0.0822	0.1109	1.8000e-004		3.7600e-003	3.7600e-003		3.5900e-003	3.5900e-003	0.0000	15.6311	15.6311	2.8300e-003	0.0000	15.7018
Total	9.2300e-003	0.0822	0.1109	1.8000e-004	2.3000e-003	3.7600e-003	6.0600e-003	3.5000e-004	3.5900e-003	3.9400e-003	0.0000	15.6311	15.6311	2.8300e-003	0.0000	15.7018

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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 Off-Site**

	ROG	NOx	CO	SO2	Fugitive 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	2.0000e-005	1.3400e-003	3.6000e-004	1.0000e-005	1.8000e-004	1.0000e-005	1.9000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.5906	0.5906	3.0000e-005	9.0000e-005	0.6195
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	4.4000e-004	3.2000e-004	4.5600e-003	1.0000e-005	1.6500e-003	1.0000e-005	1.6500e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.2503	1.2503	3.0000e-005	3.0000e-005	1.2602
Total	4.6000e-004	1.6600e-003	4.9200e-003	2.0000e-005	1.8300e-003	2.0000e-005	1.8400e-003	4.9000e-004	2.0000e-005	5.1000e-004	0.0000	1.8409	1.8409	6.0000e-005	1.2000e-004	1.8797

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					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.7400e-003	0.0308	0.0214	5.0000e-005		1.1100e-003	1.1100e-003		1.0200e-003	1.0200e-003	0.0000	4.7015	4.7015	1.5200e-003	0.0000	4.7395
Total	2.7400e-003	0.0308	0.0214	5.0000e-005	2.7000e-004	1.1100e-003	1.3800e-003	3.0000e-005	1.0200e-003	1.0500e-003	0.0000	4.7015	4.7015	1.5200e-003	0.0000	4.7395

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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	8.0000e-005	6.0000e-005	8.4000e-004	0.0000	3.0000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2292	0.2292	1.0000e-005	1.0000e-005	0.2310
Total	8.0000e-005	6.0000e-005	8.4000e-004	0.0000	3.0000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2292	0.2292	1.0000e-005	1.0000e-005	0.2310

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					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.7400e-003	0.0308	0.0214	5.0000e-005		1.1100e-003	1.1100e-003		1.0200e-003	1.0200e-003	0.0000	4.7015	4.7015	1.5200e-003	0.0000	4.7395
Total	2.7400e-003	0.0308	0.0214	5.0000e-005	2.7000e-004	1.1100e-003	1.3800e-003	3.0000e-005	1.0200e-003	1.0500e-003	0.0000	4.7015	4.7015	1.5200e-003	0.0000	4.7395

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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	8.0000e-005	6.0000e-005	8.4000e-004	0.0000	3.0000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2292	0.2292	1.0000e-005	1.0000e-005	0.2310
Total	8.0000e-005	6.0000e-005	8.4000e-004	0.0000	3.0000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2292	0.2292	1.0000e-005	1.0000e-005	0.2310

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					0.0372	0.0000	0.0372	0.0200	0.0000	0.0200	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.3100e-003	0.0778	0.0444	1.1000e-004		3.2000e-003	3.2000e-003		2.9400e-003	2.9400e-003	0.0000	9.9040	9.9040	3.2000e-003	0.0000	9.9841
Total	7.3100e-003	0.0778	0.0444	1.1000e-004	0.0372	3.2000e-003	0.0404	0.0200	2.9400e-003	0.0229	0.0000	9.9040	9.9040	3.2000e-003	0.0000	9.9841

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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	7.1000e-004	0.0435	0.0118	1.9000e-004	5.8700e-003	3.1000e-004	6.1800e-003	1.6100e-003	3.0000e-004	1.9100e-003	0.0000	19.1818	19.1818	1.0800e-003	3.0500e-003	20.1173
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	1.9000e-004	1.4000e-004	1.9500e-003	1.0000e-005	7.0000e-004	0.0000	7.1000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5335	0.5335	1.0000e-005	1.0000e-005	0.5377
Total	9.0000e-004	0.0436	0.0138	2.0000e-004	6.5700e-003	3.1000e-004	6.8900e-003	1.8000e-003	3.0000e-004	2.1000e-003	0.0000	19.7153	19.7153	1.0900e-003	3.0600e-003	20.6550

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					0.0372	0.0000	0.0372	0.0200	0.0000	0.0200	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.3100e-003	0.0778	0.0444	1.1000e-004		3.2000e-003	3.2000e-003		2.9400e-003	2.9400e-003	0.0000	9.9040	9.9040	3.2000e-003	0.0000	9.9841
Total	7.3100e-003	0.0778	0.0444	1.1000e-004	0.0372	3.2000e-003	0.0404	0.0200	2.9400e-003	0.0229	0.0000	9.9040	9.9040	3.2000e-003	0.0000	9.9841

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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	7.1000e-004	0.0435	0.0118	1.9000e-004	5.8700e-003	3.1000e-004	6.1800e-003	1.6100e-003	3.0000e-004	1.9100e-003	0.0000	19.1818	19.1818	1.0800e-003	3.0500e-003	20.1173
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	1.9000e-004	1.4000e-004	1.9500e-003	1.0000e-005	7.0000e-004	0.0000	7.1000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5335	0.5335	1.0000e-005	1.0000e-005	0.5377
Total	9.0000e-004	0.0436	0.0138	2.0000e-004	6.5700e-003	3.1000e-004	6.8900e-003	1.8000e-003	3.0000e-004	2.1000e-003	0.0000	19.7153	19.7153	1.0900e-003	3.0600e-003	20.6550

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	0.0223	0.2240	0.2650	4.3000e-004		0.0106	0.0106		9.7400e-003	9.7400e-003	0.0000	37.5909	37.5909	0.0122	0.0000	37.8948
Total	0.0223	0.2240	0.2650	4.3000e-004		0.0106	0.0106		9.7400e-003	9.7400e-003	0.0000	37.5909	37.5909	0.0122	0.0000	37.8948

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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	3.2000e-004	0.0115	4.2800e-003	5.0000e-005	1.8900e-003	6.0000e-005	1.9600e-003	5.5000e-004	6.0000e-005	6.1000e-004	0.0000	5.2624	5.2624	1.8000e-004	7.6000e-004	5.4944
Worker	3.7100e-003	2.7300e-003	0.0388	1.2000e-004	0.0140	8.0000e-005	0.0141	3.7100e-003	7.0000e-005	3.7900e-003	0.0000	10.6273	10.6273	2.6000e-004	2.6000e-004	10.7117
Total	4.0300e-003	0.0142	0.0430	1.7000e-004	0.0159	1.4000e-004	0.0160	4.2600e-003	1.3000e-004	4.4000e-003	0.0000	15.8897	15.8897	4.4000e-004	1.0200e-003	16.2062

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	0.0223	0.2240	0.2650	4.3000e-004		0.0106	0.0106		9.7400e-003	9.7400e-003	0.0000	37.5909	37.5909	0.0122	0.0000	37.8948
Total	0.0223	0.2240	0.2650	4.3000e-004		0.0106	0.0106		9.7400e-003	9.7400e-003	0.0000	37.5909	37.5909	0.0122	0.0000	37.8948

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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	3.2000e-004	0.0115	4.2800e-003	5.0000e-005	1.8900e-003	6.0000e-005	1.9600e-003	5.5000e-004	6.0000e-005	6.1000e-004	0.0000	5.2624	5.2624	1.8000e-004	7.6000e-004	5.4944
Worker	3.7100e-003	2.7300e-003	0.0388	1.2000e-004	0.0140	8.0000e-005	0.0141	3.7100e-003	7.0000e-005	3.7900e-003	0.0000	10.6273	10.6273	2.6000e-004	2.6000e-004	10.7117
Total	4.0300e-003	0.0142	0.0430	1.7000e-004	0.0159	1.4000e-004	0.0160	4.2600e-003	1.3000e-004	4.4000e-003	0.0000	15.8897	15.8897	4.4000e-004	1.0200e-003	16.2062

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	0.0719	0.7154	0.9172	1.4900e-003		0.0315	0.0315		0.0290	0.0290	0.0000	130.8859	130.8859	0.0423	0.0000	131.9442
Total	0.0719	0.7154	0.9172	1.4900e-003		0.0315	0.0315		0.0290	0.0290	0.0000	130.8859	130.8859	0.0423	0.0000	131.9442

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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	1.0800e-003	0.0398	0.0147	1.8000e-004	6.5800e-003	2.2000e-004	6.8100e-003	1.9000e-003	2.1000e-004	2.1100e-003	0.0000	17.9796	17.9796	6.2000e-004	2.6100e-003	18.7735
Worker	0.0121	8.5300e-003	0.1257	3.9000e-004	0.0487	2.5000e-004	0.0489	0.0129	2.3000e-004	0.0132	0.0000	35.7242	35.7242	8.0000e-004	8.5000e-004	35.9983
Total	0.0132	0.0483	0.1404	5.7000e-004	0.0553	4.7000e-004	0.0557	0.0148	4.4000e-004	0.0153	0.0000	53.7038	53.7038	1.4200e-003	3.4600e-003	54.7718

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	0.0719	0.7154	0.9172	1.4900e-003		0.0315	0.0315		0.0290	0.0290	0.0000	130.8858	130.8858	0.0423	0.0000	131.9440
Total	0.0719	0.7154	0.9172	1.4900e-003		0.0315	0.0315		0.0290	0.0290	0.0000	130.8858	130.8858	0.0423	0.0000	131.9440

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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	1.0800e-003	0.0398	0.0147	1.8000e-004	6.5800e-003	2.2000e-004	6.8100e-003	1.9000e-003	2.1000e-004	2.1100e-003	0.0000	17.9796	17.9796	6.2000e-004	2.6100e-003	18.7735
Worker	0.0121	8.5300e-003	0.1257	3.9000e-004	0.0487	2.5000e-004	0.0489	0.0129	2.3000e-004	0.0132	0.0000	35.7242	35.7242	8.0000e-004	8.5000e-004	35.9983
Total	0.0132	0.0483	0.1404	5.7000e-004	0.0553	4.7000e-004	0.0557	0.0148	4.4000e-004	0.0153	0.0000	53.7038	53.7038	1.4200e-003	3.4600e-003	54.7718

3.5 Building Construction - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0152	0.1508	0.1933	3.1000e-004		6.6300e-003	6.6300e-003		6.1000e-003	6.1000e-003	0.0000	27.5813	27.5813	8.9200e-003	0.0000	27.8043
Total	0.0152	0.1508	0.1933	3.1000e-004		6.6300e-003	6.6300e-003		6.1000e-003	6.1000e-003	0.0000	27.5813	27.5813	8.9200e-003	0.0000	27.8043

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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 - 2026****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	2.2000e-004	8.3200e-003	3.0500e-003	4.0000e-005	1.3900e-003	5.0000e-005	1.4300e-003	4.0000e-004	4.0000e-005	4.5000e-004	0.0000	3.7178	3.7178	1.3000e-004	5.4000e-004	3.8822
Worker	2.4100e-003	1.6300e-003	0.0249	8.0000e-005	0.0103	5.0000e-005	0.0103	2.7200e-003	5.0000e-005	2.7700e-003	0.0000	7.2972	7.2972	1.5000e-004	1.7000e-004	7.3515
Total	2.6300e-003	9.9500e-003	0.0279	1.2000e-004	0.0117	1.0000e-004	0.0117	3.1200e-003	9.0000e-005	3.2200e-003	0.0000	11.0150	11.0150	2.8000e-004	7.1000e-004	11.2337

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	0.0152	0.1508	0.1933	3.1000e-004		6.6300e-003	6.6300e-003		6.1000e-003	6.1000e-003	0.0000	27.5813	27.5813	8.9200e-003	0.0000	27.8043
Total	0.0152	0.1508	0.1933	3.1000e-004		6.6300e-003	6.6300e-003		6.1000e-003	6.1000e-003	0.0000	27.5813	27.5813	8.9200e-003	0.0000	27.8043

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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 - 2026****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	2.2000e-004	8.3200e-003	3.0500e-003	4.0000e-005	1.3900e-003	5.0000e-005	1.4300e-003	4.0000e-004	4.0000e-005	4.5000e-004	0.0000	3.7178	3.7178	1.3000e-004	5.4000e-004	3.8822
Worker	2.4100e-003	1.6300e-003	0.0249	8.0000e-005	0.0103	5.0000e-005	0.0103	2.7200e-003	5.0000e-005	2.7700e-003	0.0000	7.2972	7.2972	1.5000e-004	1.7000e-004	7.3515
Total	2.6300e-003	9.9500e-003	0.0279	1.2000e-004	0.0117	1.0000e-004	0.0117	3.1200e-003	9.0000e-005	3.2200e-003	0.0000	11.0150	11.0150	2.8000e-004	7.1000e-004	11.2337

3.6 Paving - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.6400e-003	0.0492	0.0703	1.1000e-004		2.1900e-003	2.1900e-003		2.0500e-003	2.0500e-003	0.0000	9.4009	9.4009	2.7400e-003	0.0000	9.4694
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	5.6400e-003	0.0492	0.0703	1.1000e-004		2.1900e-003	2.1900e-003		2.0500e-003	2.0500e-003	0.0000	9.4009	9.4009	2.7400e-003	0.0000	9.4694

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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 - 2026****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	4.6000e-004	3.1000e-004	4.7900e-003	2.0000e-005	1.9700e-003	1.0000e-005	1.9800e-003	5.2000e-004	1.0000e-005	5.3000e-004	0.0000	1.4048	1.4048	3.0000e-005	3.0000e-005	1.4153
Total	4.6000e-004	3.1000e-004	4.7900e-003	2.0000e-005	1.9700e-003	1.0000e-005	1.9800e-003	5.2000e-004	1.0000e-005	5.3000e-004	0.0000	1.4048	1.4048	3.0000e-005	3.0000e-005	1.4153

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	5.6400e-003	0.0492	0.0703	1.1000e-004		2.1900e-003	2.1900e-003		2.0500e-003	2.0500e-003	0.0000	9.4009	9.4009	2.7400e-003	0.0000	9.4694
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	5.6400e-003	0.0492	0.0703	1.1000e-004		2.1900e-003	2.1900e-003		2.0500e-003	2.0500e-003	0.0000	9.4009	9.4009	2.7400e-003	0.0000	9.4694

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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 - 2026****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	4.6000e-004	3.1000e-004	4.7900e-003	2.0000e-005	1.9700e-003	1.0000e-005	1.9800e-003	5.2000e-004	1.0000e-005	5.3000e-004	0.0000	1.4048	1.4048	3.0000e-005	3.0000e-005	1.4153
Total	4.6000e-004	3.1000e-004	4.7900e-003	2.0000e-005	1.9700e-003	1.0000e-005	1.9800e-003	5.2000e-004	1.0000e-005	5.3000e-004	0.0000	1.4048	1.4048	3.0000e-005	3.0000e-005	1.4153

3.7 Architectural Coating - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0267					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.3000e-004	2.8600e-003	4.5200e-003	1.0000e-005		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004	0.0000	0.6383	0.6383	3.0000e-005	0.0000	0.6392
Total	0.0271	2.8600e-003	4.5200e-003	1.0000e-005		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004	0.0000	0.6383	0.6383	3.0000e-005	0.0000	0.6392

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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 - 2026****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	5.0000e-005	3.0000e-005	4.7000e-004	0.0000	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1366	0.1366	0.0000	0.0000	0.1376
Total	5.0000e-005	3.0000e-005	4.7000e-004	0.0000	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1366	0.1366	0.0000	0.0000	0.1376

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	0.0267					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.3000e-004	2.8600e-003	4.5200e-003	1.0000e-005		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004	0.0000	0.6383	0.6383	3.0000e-005	0.0000	0.6392
Total	0.0271	2.8600e-003	4.5200e-003	1.0000e-005		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004	0.0000	0.6383	0.6383	3.0000e-005	0.0000	0.6392

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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 - 2026****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	5.0000e-005	3.0000e-005	4.7000e-004	0.0000	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1366	0.1366	0.0000	0.0000	0.1376
Total	5.0000e-005	3.0000e-005	4.7000e-004	0.0000	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1366	0.1366	0.0000	0.0000	0.1376

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	0.0733	0.0897	0.7632	1.7200e-003	0.1842	1.2600e-003	0.1854	0.0492	1.1700e-003	0.0503	0.0000	159.3857	159.3857	0.0102	7.0500e-003	161.7418
Unmitigated	0.0733	0.0897	0.7632	1.7200e-003	0.1842	1.2600e-003	0.1854	0.0492	1.1700e-003	0.0503	0.0000	159.3857	159.3857	0.0102	7.0500e-003	161.7418

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments High Rise	146.85	149.49	118.47	489,243	489,243
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Total	146.85	149.49	118.47	489,243	489,243

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
Apartments High Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	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
Apartments High Rise	0.542450	0.061470	0.185138	0.129299	0.023799	0.006448	0.011958	0.009209	0.000810	0.000503	0.024446	0.000751	0.003721
Enclosed Parking with Elevator	0.542450	0.061470	0.185138	0.129299	0.023799	0.006448	0.011958	0.009209	0.000810	0.000503	0.024446	0.000751	0.003721

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**5.0 Energy Detail**

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	112.3308	112.3308	3.9100e-003	4.7000e-004	112.5696
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	112.3308	112.3308	3.9100e-003	4.7000e-004	112.5696
NaturalGas Mitigated	2.3300e-003	0.0199	8.4500e-003	1.3000e-004		1.6100e-003	1.6100e-003		1.6100e-003	1.6100e-003	0.0000	23.0103	23.0103	4.4000e-004	4.2000e-004	23.1471
NaturalGas Unmitigated	2.3300e-003	0.0199	8.4500e-003	1.3000e-004		1.6100e-003	1.6100e-003		1.6100e-003	1.6100e-003	0.0000	23.0103	23.0103	4.4000e-004	4.2000e-004	23.1471

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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					
Apartments High Rise	431197	2.3300e-003	0.0199	8.4500e-003	1.3000e-004		1.6100e-003	1.6100e-003		1.6100e-003	1.6100e-003	0.0000	23.0103	23.0103	4.4000e-004	4.2000e-004	23.1471
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		2.3300e-003	0.0199	8.4500e-003	1.3000e-004		1.6100e-003	1.6100e-003		1.6100e-003	1.6100e-003	0.0000	23.0103	23.0103	4.4000e-004	4.2000e-004	23.1471

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments High Rise	431197	2.3300e-003	0.0199	8.4500e-003	1.3000e-004		1.6100e-003	1.6100e-003		1.6100e-003	1.6100e-003	0.0000	23.0103	23.0103	4.4000e-004	4.2000e-004	23.1471
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		2.3300e-003	0.0199	8.4500e-003	1.3000e-004		1.6100e-003	1.6100e-003		1.6100e-003	1.6100e-003	0.0000	23.0103	23.0103	4.4000e-004	4.2000e-004	23.1471

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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			
Apartments High Rise	127029	54.6795	1.9000e-003	2.3000e-004	54.7957
Enclosed Parking with Elevator	52604.8	22.6437	7.9000e-004	1.0000e-004	22.6919
Enclosed Parking with Elevator	81328	35.0076	1.2200e-003	1.5000e-004	35.0821
Total		112.3308	3.9100e-003	4.8000e-004	112.5696

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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****Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	127029	54.6795	1.9000e-003	2.3000e-004	54.7957
Enclosed Parking with Elevator	52604.8	22.6437	7.9000e-004	1.0000e-004	22.6919
Enclosed Parking with Elevator	81328	35.0076	1.2200e-003	1.5000e-004	35.0821
Total		112.3308	3.9100e-003	4.8000e-004	112.5696

6.0 Area Detail**6.1 Mitigation Measures Area**

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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	0.2499	0.0125	0.5503	5.5000e-004		0.0334	0.0334		0.0334	0.0334	3.5052	7.2924	10.7976	0.0110	2.4000e-004	11.1432
Unmitigated	0.2499	0.0125	0.5503	5.5000e-004		0.0334	0.0334		0.0334	0.0334	3.5052	7.2924	10.7976	0.0110	2.4000e-004	11.1432

6.2 Area by SubCategory**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0107					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1208					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1081	8.5600e-003	0.2098	5.4000e-004		0.0315	0.0315		0.0315	0.0315	3.5052	6.7359	10.2411	0.0105	2.4000e-004	10.5733
Landscaping	0.0103	3.9200e-003	0.3405	2.0000e-005		1.8900e-003	1.8900e-003		1.8900e-003	1.8900e-003	0.0000	0.5565	0.5565	5.3000e-004	0.0000	0.5699
Total	0.2499	0.0125	0.5503	5.6000e-004		0.0334	0.0334		0.0334	0.0334	3.5052	7.2924	10.7976	0.0110	2.4000e-004	11.1432

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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	0.0107					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1208					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1081	8.5600e-003	0.2098	5.4000e-004		0.0315	0.0315		0.0315	0.0315	3.5052	6.7359	10.2411	0.0105	2.4000e-004	10.5733
Landscaping	0.0103	3.9200e-003	0.3405	2.0000e-005		1.8900e-003	1.8900e-003		1.8900e-003	1.8900e-003	0.0000	0.5565	0.5565	5.3000e-004	0.0000	0.5699
Total	0.2499	0.0125	0.5503	5.6000e-004		0.0334	0.0334		0.0334	0.0334	3.5052	7.2924	10.7976	0.0110	2.4000e-004	11.1432

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	19.2155	0.0707	1.7300e-003	21.4993
Unmitigated	19.2155	0.0707	1.7300e-003	21.4993

7.2 Water by Land Use**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	2.15008 / 1.35549	19.2155	0.0707	1.7300e-003	21.4993
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		19.2155	0.0707	1.7300e-003	21.4993

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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			
Apartments High Rise	2.15008 / 1.35549	19.2155	0.0707	1.7300e-003	21.4993
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		19.2155	0.0707	1.7300e-003	21.4993

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

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	3.0814	0.1821	0.0000	7.6341
Unmitigated	3.0814	0.1821	0.0000	7.6341

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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			
Apartments High Rise	15.18	3.0814	0.1821	0.0000	7.6341
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Total		3.0814	0.1821	0.0000	7.6341

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	15.18	3.0814	0.1821	0.0000	7.6341
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Total		3.0814	0.1821	0.0000	7.6341

9.0 Operational Offroad

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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
