

Class 32 Categorical Exemption Findings 127 Concord Street, Glendale, CA 91203

“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 project site is 21,345 square feet (0.49 acres) consisting of three (3) separate parcels, two of which (Parcel 2 and 3) lie north of the alley and one parcel (Parcel 1) lies south of the alley developed with two industrial buildings and associated parking lots. The site is bounded by Concord Street to the east, Wilson Avenue to the north, and a 20-foot wide public alley mid-block separating the parking lot to the north from the south parking lot. The project site currently features an existing 16,772 square-foot single-story industrial warehouse building constructed in 1950 located north of the alley addressed as 127 Concord Street, and a 1,207 square-foot single-story industrial building constructed in 1925 located south of the alley addressed as 111 Concord Street. Both buildings are vacant and not occupied by a tenant. Total existing building improvements of 17,979 SF are proposed to be demolished in conjunction with the Project consisting of a new, five-story plus two basement storage levels, 112,216 SF approximate 985-unit personal storage facility building (inclusive of 869 SF of office use). The project includes seven surface parking spaces on-site and nine-spaces across the alley, including one handicapped parking space. The site is IMU (Industrial/Commercial Mixed Use) zone. The project site is surrounded by existing urban uses, including industrial/commercial uses.

The applicant is requesting a parking reduction permit to provide seven parking spaces on-site and nine-spaces across the alley, including one handicapped parking space, where 112 parking spaces and seven loading spaces are required for a new, five-story plus two basement storage levels, 112,216 square-foot personal storage facility building. The proposal does not include any code-compliant loading spaces. However, three of the seven proposed on-site parking stalls are larger than a standard parking stall, which could be used for loading.

- 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 project would be consistent with the applicable General Plan, “Mixed Use” designation and policies and zoning designation and regulations. The project’s use- “Personal Storage Facilities” – is a permitted use within the IMU (Industrial/Commercial Mixed Use) zone, and would be consistent with the City’s General Plan designation and the IMU zone development standards with the exception of parking land loading spaces discussed below.

The Zoning Code authorizes a parking reduction permit if the Planning Hearing Officer finds that: (1) the parking requirement for the land use established in the Zoning Code is greater than what will be needed by the land use; (2) the intent of the parking regulations, in compliance with all other applicable provisions of Chapter 30.50 of the Glendale Municipal Code, is met; and (3) sufficient parking would be provided to serve the intended use and potential future uses of the property.

The project’s proposed parking meets these requirements as presented in the Parking Reduction Permit application and materials submitted by the applicant. In accordance with the zoning code, the proposed personal storage facility is classified as a warehouse/wholesaling use. The parking requirement for warehousing uses is one space per thousand square feet of gross floor area. Additionally, five loading spaces are required for industrial buildings over 50,000 square feet, plus one additional space for each additional 50,000 square feet of floor area. The proposed personal storage facility building will be 112,216 SF requiring 112 parking spaces and seven loading spaces. The proposal includes seven parking spaces on-site and nine-spaces across the alley (total of 16 parking spaces) that includes one disabled space. The proposal does not include any code-compliant loading spaces. However, three of the seven proposed on-site parking stalls are larger than a standard parking stall with dimensions of 12’-0” wide and 30’-0” long (standard loading spaces are 15’-0” wide by 25’-0” long).

The parking standards established in the Zoning Code would require 112 parking spaces, which is significantly greater than what will be needed for the project, as shown by LSA’s September 1, 2022 Parking Study submitted by the applicant. This study demonstrates that the project’s proposed parking meets or exceeds parking demand for self-storage facilities based on the Institute of Transportation Engineers’ generally accepted Parking Generation Manual and the parking standards for personal (self) storage use adopted by several cities in Southern California, along with the operator’s, own experience with self-storage facilities throughout the country. The project’s proposed parking would thus be sufficient to serve the intended personal storage use and potential future uses. The project’s proposed parking would also meet the intent of the zoning code parking regulations because the proposed parking

would meet or exceed the project's demand for its personal storage use, which coincides with these regulations' goal of requiring sufficient on-site parking based on the parking needs for each use. Finally, the project's proposed parking will comply with all other zoning code regulations for the IMU zone.

The Land Use Element is the most directly related to the proposed 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 recommended conditions for the proposed use will ensure the project does not contribute to local crime. The adjacent Concord Street, and Wilson Avenue can accommodate the traffic generated as a result of the project. The Circulation Element identifies Concord Street as an Urban Collector Streets and Wilson Avenue as a Minor Arterial, which can accommodate the traffic generated as a result of the project. These streets take traffic from local streets and along the urban collector and distribute that traffic to the major/minor arterial street system. 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. Personal storage uses in the IMU (Industrial/Commercial Mixed Use) zone is a permitted use in this zone.

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 IMU (Industrial/Commercial Mixed Use) Zone, entirely within the City of Glendale boundary limits. The site is 21,345 square feet (0.49 acres), which is less than five acres in size. The project site is substantially surrounded by existing similar and complimentary uses in the immediate project vicinity. Surrounding urban uses, including industrial and commercial uses. 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 two existing industrial buildings on the site (built in 1925/1950). 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 result in less-than-significant impacts related to traffic, noise, air quality or water quality. Technical studies will be prepared as part of the building permit process and provided by the applicant to serve as substantial evidence in support of this finding. Also, the project would comply with current, federal, State and local regulations, (including GMC Chapter 13.42: (Stormwater and Urban Runoff Prevention Control, among others), which would avoid or reduce impacts to less than significant.

Traffic

Parking for the project is provided on- and off-site. Seven surface parking spaces are proposed on-site and nine-spaces are proposed across the alley (total of 16 parking spaces), including one disabled space in conjunction with the development of the proposed personal storage use. Vehicular access to the property is from an existing 20-foot wide alley on the south side, which is accessible from Concord Street to the east and San Fernando Road to the west.

Based on the attached trip generation estimates conducted by staff, the Project is estimated to generate fewer than 50 net peak-hour trips, thus, no Traffic Impact Analysis is required. A summary of the results is 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 eligible to screen out of 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; based on the 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 screened out of VMT analysis. As such, a detailed VMT analysis is not required since 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 commercial and industrial uses. The Project would generate similar if not the same noise as other industrial 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 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 Project would have a minimal effect on the noise environment in proximity to the project site. Noise generated by the Project would result primarily from visitors, off-site traffic, and heating, ventilation, and air conditioning (HVAC) equipment. However, the Project would need to comply with the City's Noise Ordinance, which establishes maximum permitted noise levels. 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. According to the applicant's representative, the project is estimated to generate 162 trips per day - 10 trips during the morning peak hours and 15 trips in the afternoon/evening peak hours. The project's compliance with the City's Noise Ordinance would ensure that noise levels from the building, including mechanical equipment would not exceed thresholds of significance.

The Project would be constructed using typical construction techniques and would minimize the use of pile driving for construction, thus reducing significant vibration impacts from pile installation. 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 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 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 Project will require compliance with all the NPDES requirements including the submittal and certification of plans and details showing both construction and post-construction Best Management Practices (BMPs) that are integrated into the design of the Project. The submittal of a Standard Urban 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 Project is not expected to violate any water quality standards or waste water discharge requirements since the project will be required to comply with applicable permitting requirements.

Because the proposed infill development would redevelop land that is currently 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.

The project is an infill development replacing existing industrial and commercial uses. As such, the project would be adequately served by all required utilities and public services that served previous uses. 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.

This exception is not applicable because the Project is relying on Class 32 exemption.

- 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 personal storage facility 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 new personal storage facility 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 industrial and commercial uses. 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 Wilson Avenue to the North, Broadway to the South, Concord Street to the East and San Fernando Road to the West. The project site is surrounded by existing urban uses, including industrial and commercial 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 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 project site at 111 and 127 Concord Street are not listed on the National Register of Historic Places, California Register of Historic Resources, or Glendale Register of Historic Resources, and has not been identified as a historic resource in any survey. Based on building permit records, the existing structures proposed to be demolished includes a 16,772 square-foot single-story industrial warehouse building constructed in 1950 located north of the alley addressed as 127 Concord Street and a 1,207 square-foot single-story industrial building constructed in 1925 located south of the alley addresses as 111 Concord Street. Total building improvements of 17,979 SF. Both buildings are vacant and not occupied by a tenant. These buildings do not meet any criteria for historic designation at the national, state, or local level, and will be demolished as part of the project.

The buildings were not identified in the South Glendale Historic Resources Survey, and therefore, they are not eligible for designation at the local, state, or federal levels. The Planning staff concluded that the buildings are not architecturally rare or significant nor was it considered a historic resource pursuant to Section 15.20.020 of the Glendale Municipal Code. The buildings have undergone significant exterior modifications, and based on discussion with the historic preservation staff, it was determined that the buildings were not considered historic resources under the California Environmental Quality Act.

ATTACHMENTS:

1. Trip generation estimates
2. California Emissions Estimator Module

Table 1
Preliminary Project Trip Generation [1]
127 N Concord St

Land Use: (ITE CODE)	Size	Daily Trips	AM Peak Hour			PM Peak Hour		
			In	Out	Total	In	Out	Total
Proposed Project								
Mini-Warehouse	116,849 GSF	169	6	5	11	8	10	18
Small Office Building	588 GSF	8	1	0	1	0	1	1
Total Project Trip Generation		177	7	5	12	8	11	19

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.

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**127 Concord Street (Glendale Self Storage)****Los Angeles-South Coast County, Summer****1.0 Project Characteristics****1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	111.45	1000sqft	0.34	111,446.00	0
Parking Lot	6.15	1000sqft	0.14	6,150.00	0
General Office Building	0.87	1000sqft	0.01	870.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	12			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 16,772 SF commercial building, Construct 5-story, 111,446 SF personal storage facility with a 869 SF of office, 13 unenclosed at-grade parking and 3 loading spaces. Site area spans 3 parcels and is 21,345 (0.49 AC) site.

Land Use - 3 Parcels Combined = 21,345 (0.49), 111,446 SF of self storage, 869 SF office, 6,150 SF of at-grade parking and loading.

Construction Phase - Excavate 13, 037 Cubic Yards of material to accomodate a two-level basement.

Grading - 13,037 CY of material cut (all export).

Demolition - demolition of a 16,772 SF one story commercial building

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	15.00

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

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

tblConstructionPhase	NumDays	100.00	217.00
tblConstructionPhase	NumDays	10.00	15.00
tblConstructionPhase	NumDays	2.00	23.00
tblConstructionPhase	NumDays	1.00	10.00
tblConstructionPhase	PhaseEndDate	7/3/2024	2/14/2025
tblConstructionPhase	PhaseEndDate	6/19/2024	1/17/2025
tblConstructionPhase	PhaseEndDate	1/26/2024	2/2/2024
tblConstructionPhase	PhaseEndDate	1/31/2024	3/20/2024
tblConstructionPhase	PhaseEndDate	6/26/2024	1/24/2025
tblConstructionPhase	PhaseEndDate	1/29/2024	2/16/2024
tblConstructionPhase	PhaseStartDate	6/27/2024	1/25/2025
tblConstructionPhase	PhaseStartDate	2/1/2024	3/21/2024
tblConstructionPhase	PhaseStartDate	1/30/2024	2/17/2024
tblConstructionPhase	PhaseStartDate	6/20/2024	1/18/2025
tblConstructionPhase	PhaseStartDate	1/27/2024	2/3/2024
tblGrading	AcresOfGrading	17.25	1.50
tblGrading	AcresOfGrading	5.00	0.50
tblGrading	MaterialExported	0.00	13,037.00
tblLandUse	LotAcreage	2.56	0.34
tblLandUse	LotAcreage	0.02	0.01

2.0 Emissions Summary

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**2.1 Overall Construction (Maximum Daily Emission)****Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	1.0898	19.0172	9.0305	0.0557	5.9798	0.4594	6.4392	2.8637	0.4248	3.2885	0.0000	5,934.009 5	5,934.009 5	0.6965	0.7150	6,164.488 6
2025	69.7241	6.2988	8.8714	0.0195	0.6806	0.2480	0.9286	0.1833	0.2283	0.4116	0.0000	1,957.380 8	1,957.380 8	0.3807	0.0630	1,985.683 9
Maximum	69.7241	19.0172	9.0305	0.0557	5.9798	0.4594	6.4392	2.8637	0.4248	3.2885	0.0000	5,934.009 5	5,934.009 5	0.6965	0.7150	6,164.488 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	1.0898	19.0172	9.0305	0.0557	5.9798	0.4594	6.4392	2.8637	0.4248	3.2885	0.0000	5,934.009 5	5,934.009 5	0.6965	0.7150	6,164.488 6
2025	69.7241	6.2988	8.8714	0.0195	0.6806	0.2480	0.9286	0.1833	0.2283	0.4116	0.0000	1,957.380 8	1,957.380 8	0.3807	0.0630	1,985.683 9
Maximum	69.7241	19.0172	9.0305	0.0557	5.9798	0.4594	6.4392	2.8637	0.4248	3.2885	0.0000	5,934.009 5	5,934.009 5	0.6965	0.7150	6,164.488 6

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

[illegible]

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	2.5129	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Energy	3.1000e-003	0.0282	0.0237	1.7000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003		33.7835	33.7835	6.5000e-004	6.2000e-004	33.9842
Mobile	0.6900	0.7409	7.5485	0.0172	1.8072	0.0121	1.8193	0.4814	0.0112	0.4926		1,785.944 4	1,785.944 4	0.1092	0.0677	1,808.859 3
Total	3.2059	0.7692	7.5842	0.0174	1.8072	0.0143	1.8215	0.4814	0.0134	0.4948		1,819.753 8	1,819.753 8	0.1099	0.0684	1,842.871 1

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	2.5129	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Energy	3.1000e-003	0.0282	0.0237	1.7000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003		33.7835	33.7835	6.5000e-004	6.2000e-004	33.9842
Mobile	0.6900	0.7409	7.5485	0.0172	1.8072	0.0121	1.8193	0.4814	0.0112	0.4926		1,785.944 4	1,785.944 4	0.1092	0.0677	1,808.859 3
Total	3.2059	0.7692	7.5842	0.0174	1.8072	0.0143	1.8215	0.4814	0.0134	0.4948		1,819.753 8	1,819.753 8	0.1099	0.0684	1,842.871 1

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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	1/15/2024	2/2/2024	5	15	
2	Site Preparation	Site Preparation	2/3/2024	2/16/2024	5	10	
3	Grading	Grading	2/17/2024	3/20/2024	5	23	
4	Building Construction	Building Construction	3/21/2024	1/17/2025	5	217	
5	Paving	Paving	1/18/2025	1/24/2025	5	5	
6	Architectural Coating	Architectural Coating	1/25/2025	2/14/2025	5	15	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 0.14

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 168,474; Non-Residential Outdoor: 56,158; Striped Parking Area: 369 (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

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	76.00	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	1,630.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	50.00	19.00	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	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					1.1006	0.0000	1.1006	0.1667	0.0000	0.1667			0.0000			0.0000
Off-Road	0.6156	5.4776	7.3949	0.0120		0.2504	0.2504		0.2392	0.2392		1,148.6874	1,148.6874	0.2080		1,153.8870
Total	0.6156	5.4776	7.3949	0.0120	1.1006	0.2504	1.3510	0.1667	0.2392	0.4059		1,148.6874	1,148.6874	0.2080		1,153.8870

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	0.0109	0.6629	0.1796	2.9200e-003	0.0887	4.2000e-003	0.0929	0.0243	4.0200e-003	0.0283		321.0035	321.0035	0.0181	0.0510	336.6524
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	0.0299	0.0199	0.3373	9.6000e-004	0.1118	6.5000e-004	0.1124	0.0296	6.0000e-004	0.0302		99.1739	99.1739	2.2800e-003	2.1500e-003	99.8705
Total	0.0408	0.6828	0.5169	3.8800e-003	0.2005	4.8500e-003	0.2053	0.0540	4.6200e-003	0.0586		420.1774	420.1774	0.0204	0.0531	436.5229

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					1.1006	0.0000	1.1006	0.1667	0.0000	0.1667			0.0000			0.0000
Off-Road	0.6156	5.4776	7.3949	0.0120		0.2504	0.2504		0.2392	0.2392	0.0000	1,148.6874	1,148.6874	0.2080		1,153.8870
Total	0.6156	5.4776	7.3949	0.0120	1.1006	0.2504	1.3510	0.1667	0.2392	0.4059	0.0000	1,148.6874	1,148.6874	0.2080		1,153.8870

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	0.0109	0.6629	0.1796	2.9200e-003	0.0887	4.2000e-003	0.0929	0.0243	4.0200e-003	0.0283		321.0035	321.0035	0.0181	0.0510	336.6524
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	0.0299	0.0199	0.3373	9.6000e-004	0.1118	6.5000e-004	0.1124	0.0296	6.0000e-004	0.0302		99.1739	99.1739	2.2800e-003	2.1500e-003	99.8705
Total	0.0408	0.6828	0.5169	3.8800e-003	0.2005	4.8500e-003	0.2053	0.0540	4.6200e-003	0.0586		420.1774	420.1774	0.0204	0.0531	436.5229

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					0.0530	0.0000	0.0530	5.7300e-003	0.0000	5.7300e-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	0.0530	0.2012	0.2543	5.7300e-003	0.1851	0.1909		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	9.9700e-003	0.1687	4.8000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		49.5870	49.5870	1.1400e-003	1.0700e-003	49.9353
Total	0.0149	9.9700e-003	0.1687	4.8000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		49.5870	49.5870	1.1400e-003	1.0700e-003	49.9353

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					0.0530	0.0000	0.0530	5.7300e-003	0.0000	5.7300e-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	0.0530	0.2012	0.2543	5.7300e-003	0.1851	0.1909	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	9.9700e-003	0.1687	4.8000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		49.5870	49.5870	1.1400e-003	1.0700e-003	49.9353
Total	0.0149	9.9700e-003	0.1687	4.8000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		49.5870	49.5870	1.1400e-003	1.0700e-003	49.9353

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					4.6498	0.0000	4.6498	2.4999	0.0000	2.4999			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	4.6498	0.4001	5.0499	2.4999	0.3681	2.8680		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	0.1527	9.2715	2.5119	0.0408	1.2406	0.0588	1.2994	0.3401	0.0563	0.3964		4,490.008 2	4,490.008 2	0.2533	0.7133	4,708.895 9
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	0.0239	0.0160	0.2698	7.7000e-004	0.0894	5.2000e-004	0.0899	0.0237	4.8000e-004	0.0242		79.3391	79.3391	1.8300e-003	1.7200e-003	79.8964
Total	0.1766	9.2875	2.7818	0.0416	1.3300	0.0593	1.3893	0.3638	0.0567	0.4206		4,569.347 3	4,569.347 3	0.2551	0.7150	4,788.792 4

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					4.6498	0.0000	4.6498	2.4999	0.0000	2.4999			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	4.6498	0.4001	5.0499	2.4999	0.3681	2.8680	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	0.1527	9.2715	2.5119	0.0408	1.2406	0.0588	1.2994	0.3401	0.0563	0.3964		4,490.008 2	4,490.008 2	0.2533	0.7133	4,708.895 9
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	0.0239	0.0160	0.2698	7.7000e-004	0.0894	5.2000e-004	0.0899	0.0237	4.8000e-004	0.0242		79.3391	79.3391	1.8300e-003	1.7200e-003	79.8964
Total	0.1766	9.2875	2.7818	0.0416	1.3300	0.0593	1.3893	0.3638	0.0567	0.4206		4,569.347 3	4,569.347 3	0.2551	0.7150	4,788.792 4

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.0212	0.7308	0.2765	3.4800e-003	0.1217	3.6900e-003	0.1254	0.0350	3.5300e-003	0.0386		374.8218	374.8218	0.0128	0.0540	391.2176
Worker	0.1492	0.0997	1.6865	4.8100e-003	0.5589	3.2300e-003	0.5621	0.1482	2.9800e-003	0.1512		495.8695	495.8695	0.0114	0.0107	499.3527
Total	0.1704	0.8305	1.9630	8.2900e-003	0.6806	6.9200e-003	0.6875	0.1833	6.5100e-003	0.1898		870.6912	870.6912	0.0242	0.0647	890.5703

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	1,104.9834	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	0.0000	1,104.9834	1,104.9834	0.3574		1,113.9177

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	0.0212	0.7308	0.2765	3.4800e-003	0.1217	3.6900e-003	0.1254	0.0350	3.5300e-003	0.0386		374.8218	374.8218	0.0128	0.0540	391.2176
Worker	0.1492	0.0997	1.6865	4.8100e-003	0.5589	3.2300e-003	0.5621	0.1482	2.9800e-003	0.1512		495.8695	495.8695	0.0114	0.0107	499.3527
Total	0.1704	0.8305	1.9630	8.2900e-003	0.6806	6.9200e-003	0.6875	0.1833	6.5100e-003	0.1898		870.6912	870.6912	0.0242	0.0647	890.5703

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.0206	0.7273	0.2714	3.4100e-003	0.1217	3.7000e-003	0.1254	0.0350	3.5400e-003	0.0386		368.0735	368.0735	0.0129	0.0530	384.1934
Worker	0.1396	0.0896	1.5718	4.6400e-003	0.5589	3.0900e-003	0.5620	0.1482	2.8400e-003	0.1511		483.7363	483.7363	0.0103	0.0100	486.9804
Total	0.1602	0.8169	1.8432	8.0500e-003	0.6806	6.7900e-003	0.6874	0.1833	6.3800e-003	0.1897		851.8098	851.8098	0.0232	0.0630	871.1738

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.0206	0.7273	0.2714	3.4100e-003	0.1217	3.7000e-003	0.1254	0.0350	3.5400e-003	0.0386		368.0735	368.0735	0.0129	0.0530	384.1934
Worker	0.1396	0.0896	1.5718	4.6400e-003	0.5589	3.0900e-003	0.5620	0.1482	2.8400e-003	0.1511		483.7363	483.7363	0.0103	0.0100	486.9804
Total	0.1602	0.8169	1.8432	8.0500e-003	0.6806	6.7900e-003	0.6874	0.1833	6.3800e-003	0.1897		851.8098	851.8098	0.0232	0.0630	871.1738

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.6 Paving - 2025****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.2711	1,036.2711	0.3019		1,043.8179
Paving	0.0734					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6372	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.2711	1,036.2711	0.3019		1,043.8179

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	0.0503	0.0323	0.5658	1.6700e-003	0.2012	1.1100e-003	0.2023	0.0534	1.0200e-003	0.0544		174.1451	174.1451	3.7000e-003	3.6100e-003	175.3129
Total	0.0503	0.0323	0.5658	1.6700e-003	0.2012	1.1100e-003	0.2023	0.0534	1.0200e-003	0.0544		174.1451	174.1451	3.7000e-003	3.6100e-003	175.3129

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.6 Paving - 2025****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046	0.0000	1,036.2711	1,036.2711	0.3019		1,043.8179
Paving	0.0734					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6372	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046	0.0000	1,036.2711	1,036.2711	0.3019		1,043.8179

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	0.0503	0.0323	0.5658	1.6700e-003	0.2012	1.1100e-003	0.2023	0.0534	1.0200e-003	0.0544		174.1451	174.1451	3.7000e-003	3.6100e-003	175.3129
Total	0.0503	0.0323	0.5658	1.6700e-003	0.2012	1.1100e-003	0.2023	0.0534	1.0200e-003	0.0544		174.1451	174.1451	3.7000e-003	3.6100e-003	175.3129

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.7 Architectural Coating - 2025****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	69.5253					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	69.6962	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	0.0279	0.0179	0.3144	9.3000e-004	0.1118	6.2000e-004	0.1124	0.0296	5.7000e-004	0.0302		96.7473	96.7473	2.0600e-003	2.0000e-003	97.3961
Total	0.0279	0.0179	0.3144	9.3000e-004	0.1118	6.2000e-004	0.1124	0.0296	5.7000e-004	0.0302		96.7473	96.7473	2.0600e-003	2.0000e-003	97.3961

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.7 Architectural Coating - 2025****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	69.5253					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	69.6962	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	0.0279	0.0179	0.3144	9.3000e-004	0.1118	6.2000e-004	0.1124	0.0296	5.7000e-004	0.0302		96.7473	96.7473	2.0600e-003	2.0000e-003	97.3961
Total	0.0279	0.0179	0.3144	9.3000e-004	0.1118	6.2000e-004	0.1124	0.0296	5.7000e-004	0.0302		96.7473	96.7473	2.0600e-003	2.0000e-003	97.3961

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.6900	0.7409	7.5485	0.0172	1.8072	0.0121	1.8193	0.4814	0.0112	0.4926		1,785.944 4	1,785.944 4	0.1092	0.0677	1,808.859 3
Unmitigated	0.6900	0.7409	7.5485	0.0172	1.8072	0.0121	1.8193	0.4814	0.0112	0.4926		1,785.944 4	1,785.944 4	0.1092	0.0677	1,808.859 3

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	8.47	1.92	0.61	20,664	20,664
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	193.92	193.92	193.92	831,069	831,069
Total	202.39	195.84	194.53	851,733	851,733

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
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

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

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.542464	0.063735	0.188241	0.126899	0.023249	0.006239	0.010717	0.008079	0.000923	0.000604	0.024795	0.000702	0.003352
Parking Lot	0.542464	0.063735	0.188241	0.126899	0.023249	0.006239	0.010717	0.008079	0.000923	0.000604	0.024795	0.000702	0.003352
Unrefrigerated Warehouse-No Rail	0.542464	0.063735	0.188241	0.126899	0.023249	0.006239	0.010717	0.008079	0.000923	0.000604	0.024795	0.000702	0.003352

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	3.1000e-003	0.0282	0.0237	1.7000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003		33.7835	33.7835	6.5000e-004	6.2000e-004	33.9842
NaturalGas Unmitigated	3.1000e-003	0.0282	0.0237	1.7000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003		33.7835	33.7835	6.5000e-004	6.2000e-004	33.9842

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					
General Office Building	24.5745	2.7000e-004	2.4100e-003	2.0200e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004		2.8911	2.8911	6.0000e-005	5.0000e-005	2.9083
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	262.585	2.8300e-003	0.0257	0.0216	1.5000e-004		1.9600e-003	1.9600e-003		1.9600e-003	1.9600e-003		30.8924	30.8924	5.9000e-004	5.7000e-004	31.0759
Total		3.1000e-003	0.0282	0.0236	1.6000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003		33.7835	33.7835	6.5000e-004	6.2000e-004	33.9842

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**5.2 Energy by Land Use - NaturalGas****Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	0.0245745	2.7000e-004	2.4100e-003	2.0200e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004		2.8911	2.8911	6.0000e-005	5.0000e-005	2.9083
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0.262585	2.8300e-003	0.0257	0.0216	1.5000e-004		1.9600e-003	1.9600e-003		1.9600e-003	1.9600e-003		30.8924	30.8924	5.9000e-004	5.7000e-004	31.0759
Total		3.1000e-003	0.0282	0.0236	1.6000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003		33.7835	33.7835	6.5000e-004	6.2000e-004	33.9842

6.0 Area Detail**6.1 Mitigation Measures Area**

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.5129	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Unmitigated	2.5129	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276

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	0.2857					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.2260					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.1100e-003	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Total	2.5129	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.2857					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.2260					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.1100e-003	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Total	2.5129	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276

7.0 Water Detail**7.1 Mitigation Measures Water**

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

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**127 Concord Street (Glendale Self Storage)**

Los Angeles-South Coast County, Winter

1.0 Project Characteristics**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	111.45	1000sqft	0.34	111,446.00	0
Parking Lot	6.15	1000sqft	0.14	6,150.00	0
General Office Building	0.87	1000sqft	0.01	870.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	12	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 16,772 SF commercial building, Construct 5-story, 111,446 SF personal storage facility with a 869 SF of office, 13 unenclosed at-grade parking and 3 loading spaces. Site area spans 3 parcels and is 21,345 (0.49 AC) site.

Land Use - 3 Parcels Combined = 21,345 (0.49), 111,446 SF of self storage, 869 SF office, 6,150 SF of at-grade parking and loading.

Construction Phase - Excavate 13, 037 Cubic Yards of material to accomodate a two-level basement.

Grading - 13,037 CY of material cut (all export).

Demolition - demolition of a 16,772 SF one story commercial building

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	15.00

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

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

tblConstructionPhase	NumDays	100.00	217.00
tblConstructionPhase	NumDays	10.00	15.00
tblConstructionPhase	NumDays	2.00	23.00
tblConstructionPhase	NumDays	1.00	10.00
tblConstructionPhase	PhaseEndDate	7/3/2024	2/14/2025
tblConstructionPhase	PhaseEndDate	6/19/2024	1/17/2025
tblConstructionPhase	PhaseEndDate	1/26/2024	2/2/2024
tblConstructionPhase	PhaseEndDate	1/31/2024	3/20/2024
tblConstructionPhase	PhaseEndDate	6/26/2024	1/24/2025
tblConstructionPhase	PhaseEndDate	1/29/2024	2/16/2024
tblConstructionPhase	PhaseStartDate	6/27/2024	1/25/2025
tblConstructionPhase	PhaseStartDate	2/1/2024	3/21/2024
tblConstructionPhase	PhaseStartDate	1/30/2024	2/17/2024
tblConstructionPhase	PhaseStartDate	6/20/2024	1/18/2025
tblConstructionPhase	PhaseStartDate	1/27/2024	2/3/2024
tblGrading	AcresOfGrading	17.25	1.50
tblGrading	AcresOfGrading	5.00	0.50
tblGrading	MaterialExported	0.00	13,037.00
tblLandUse	LotAcreage	2.56	0.34
tblLandUse	LotAcreage	0.02	0.01

2.0 Emissions Summary

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**2.1 Overall Construction (Maximum Daily Emission)****Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	1.0817	19.4281	8.9043	0.0557	5.9798	0.4596	6.4394	2.8637	0.4250	3.2887	0.0000	5,934.6318	5,934.6318	0.6960	0.7159	6,165.3654
2025	69.7264	6.3424	8.7554	0.0192	0.6806	0.2481	0.9287	0.1833	0.2284	0.4116	0.0000	1,932.6201	1,932.6201	0.3808	0.0639	1,961.1686
Maximum	69.7264	19.4281	8.9043	0.0557	5.9798	0.4596	6.4394	2.8637	0.4250	3.2887	0.0000	5,934.6318	5,934.6318	0.6960	0.7159	6,165.3654

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	1.0817	19.4281	8.9043	0.0557	5.9798	0.4596	6.4394	2.8637	0.4250	3.2887	0.0000	5,934.6318	5,934.6318	0.6960	0.7159	6,165.3654
2025	69.7264	6.3424	8.7554	0.0192	0.6806	0.2481	0.9287	0.1833	0.2284	0.4116	0.0000	1,932.6201	1,932.6201	0.3808	0.0639	1,961.1686
Maximum	69.7264	19.4281	8.9043	0.0557	5.9798	0.4596	6.4394	2.8637	0.4250	3.2887	0.0000	5,934.6318	5,934.6318	0.6960	0.7159	6,165.3654

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

[illegible]

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**2.2 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	2.5129	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Energy	3.1000e-003	0.0282	0.0237	1.7000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003		33.7835	33.7835	6.5000e-004	6.2000e-004	33.9842
Mobile	0.6801	0.8000	7.3314	0.0165	1.8072	0.0121	1.8193	0.4814	0.0113	0.4926		1,709.6132	1,709.6132	0.1117	0.0707	1,733.4627
Total	3.1960	0.8282	7.3671	0.0167	1.8072	0.0143	1.8215	0.4814	0.0134	0.4948		1,743.4226	1,743.4226	0.1124	0.0713	1,767.4746

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	2.5129	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Energy	3.1000e-003	0.0282	0.0237	1.7000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003		33.7835	33.7835	6.5000e-004	6.2000e-004	33.9842
Mobile	0.6801	0.8000	7.3314	0.0165	1.8072	0.0121	1.8193	0.4814	0.0113	0.4926		1,709.6132	1,709.6132	0.1117	0.0707	1,733.4627
Total	3.1960	0.8282	7.3671	0.0167	1.8072	0.0143	1.8215	0.4814	0.0134	0.4948		1,743.4226	1,743.4226	0.1124	0.0713	1,767.4746

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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	1/15/2024	2/2/2024	5	15	
2	Site Preparation	Site Preparation	2/3/2024	2/16/2024	5	10	
3	Grading	Grading	2/17/2024	3/20/2024	5	23	
4	Building Construction	Building Construction	3/21/2024	1/17/2025	5	217	
5	Paving	Paving	1/18/2025	1/24/2025	5	5	
6	Architectural Coating	Architectural Coating	1/25/2025	2/14/2025	5	15	

Acres of Grading (Site Preparation Phase): 0.5**Acres of Grading (Grading Phase): 1.5****Acres of Paving: 0.14****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 168,474; Non-Residential Outdoor: 56,158; Striped Parking Area: 369 (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

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	76.00	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	1,630.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	50.00	19.00	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	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.2 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					1.1006	0.0000	1.1006	0.1667	0.0000	0.1667			0.0000			0.0000
Off-Road	0.6156	5.4776	7.3949	0.0120		0.2504	0.2504		0.2392	0.2392		1,148.6874	1,148.6874	0.2080		1,153.8870
Total	0.6156	5.4776	7.3949	0.0120	1.1006	0.2504	1.3510	0.1667	0.2392	0.4059		1,148.6874	1,148.6874	0.2080		1,153.8870

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	0.0102	0.6921	0.1820	2.9200e-003	0.0887	4.2100e-003	0.0929	0.0243	4.0300e-003	0.0284		321.3465	321.3465	0.0181	0.0511	337.0111
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	0.0322	0.0220	0.3103	9.1000e-004	0.1118	6.5000e-004	0.1124	0.0296	6.0000e-004	0.0302		93.9540	93.9540	2.3200e-003	2.2900e-003	94.6948
Total	0.0424	0.7141	0.4923	3.8300e-003	0.2005	4.8600e-003	0.2053	0.0540	4.6300e-003	0.0586		415.3005	415.3005	0.0204	0.0533	431.7059

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.2 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					1.1006	0.0000	1.1006	0.1667	0.0000	0.1667			0.0000			0.0000
Off-Road	0.6156	5.4776	7.3949	0.0120		0.2504	0.2504		0.2392	0.2392	0.0000	1,148.6874	1,148.6874	0.2080		1,153.8870
Total	0.6156	5.4776	7.3949	0.0120	1.1006	0.2504	1.3510	0.1667	0.2392	0.4059	0.0000	1,148.6874	1,148.6874	0.2080		1,153.8870

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	0.0102	0.6921	0.1820	2.9200e-003	0.0887	4.2100e-003	0.0929	0.0243	4.0300e-003	0.0284		321.3465	321.3465	0.0181	0.0511	337.0111
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	0.0322	0.0220	0.3103	9.1000e-004	0.1118	6.5000e-004	0.1124	0.0296	6.0000e-004	0.0302		93.9540	93.9540	2.3200e-003	2.2900e-003	94.6948
Total	0.0424	0.7141	0.4923	3.8300e-003	0.2005	4.8600e-003	0.2053	0.0540	4.6300e-003	0.0586		415.3005	415.3005	0.0204	0.0533	431.7059

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.3 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					0.0530	0.0000	0.0530	5.7300e-003	0.0000	5.7300e-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	0.0530	0.2012	0.2543	5.7300e-003	0.1851	0.1909		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	0.0161	0.0110	0.1552	4.6000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		46.9770	46.9770	1.1600e-003	1.1500e-003	47.3474
Total	0.0161	0.0110	0.1552	4.6000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		46.9770	46.9770	1.1600e-003	1.1500e-003	47.3474

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.3 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					0.0530	0.0000	0.0530	5.7300e-003	0.0000	5.7300e-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	0.0530	0.2012	0.2543	5.7300e-003	0.1851	0.1909	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	0.0161	0.0110	0.1552	4.6000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		46.9770	46.9770	1.1600e-003	1.1500e-003	47.3474
Total	0.0161	0.0110	0.1552	4.6000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		46.9770	46.9770	1.1600e-003	1.1500e-003	47.3474

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.4 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					4.6498	0.0000	4.6498	2.4999	0.0000	2.4999			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	4.6498	0.4001	5.0499	2.4999	0.3681	2.8680		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	0.1428	9.6807	2.5455	0.0409	1.2406	0.0590	1.2995	0.3401	0.0564	0.3965		4,494.806 3	4,494.806 3	0.2528	0.7141	4,713.913 3
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	0.0257	0.0176	0.2483	7.3000e-004	0.0894	5.2000e-004	0.0899	0.0237	4.8000e-004	0.0242		75.1632	75.1632	1.8500e-003	1.8300e-003	75.7559
Total	0.1685	9.6983	2.7938	0.0416	1.3300	0.0595	1.3894	0.3638	0.0569	0.4207		4,569.969 5	4,569.969 5	0.2546	0.7159	4,789.669 2

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.4 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					4.6498	0.0000	4.6498	2.4999	0.0000	2.4999			0.0000			0.0000
Off-Road	0.9132	9.7297	5.5468	0.0141		0.4001	0.4001		0.3681	0.3681	0.0000	1,364.6623	1,364.6623	0.4414		1,375.6962
Total	0.9132	9.7297	5.5468	0.0141	4.6498	0.4001	5.0499	2.4999	0.3681	2.8680	0.0000	1,364.6623	1,364.6623	0.4414		1,375.6962

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	0.1428	9.6807	2.5455	0.0409	1.2406	0.0590	1.2995	0.3401	0.0564	0.3965		4,494.8063	4,494.8063	0.2528	0.7141	4,713.9133
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	0.0257	0.0176	0.2483	7.3000e-004	0.0894	5.2000e-004	0.0899	0.0237	4.8000e-004	0.0242		75.1632	75.1632	1.8500e-003	1.8300e-003	75.7559
Total	0.1685	9.6983	2.7938	0.0416	1.3300	0.0595	1.3894	0.3638	0.0569	0.4207		4,569.9695	4,569.9695	0.2546	0.7159	4,789.6692

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.5 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	0.0204	0.7651	0.2853	3.4900e-003	0.1217	3.7100e-003	0.1254	0.0350	3.5500e-003	0.0386		375.4672	375.4672	0.0127	0.0541	391.9039
Worker	0.1609	0.1101	1.5515	4.5500e-003	0.5589	3.2300e-003	0.5621	0.1482	2.9800e-003	0.1512		469.7699	469.7699	0.0116	0.0115	473.4741
Total	0.1813	0.8752	1.8368	8.0400e-003	0.6806	6.9400e-003	0.6875	0.1833	6.5300e-003	0.1898		845.2372	845.2372	0.0243	0.0656	865.3780

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.5 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	1,104.9834	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	0.0000	1,104.9834	1,104.9834	0.3574		1,113.9177

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	0.0204	0.7651	0.2853	3.4900e-003	0.1217	3.7100e-003	0.1254	0.0350	3.5500e-003	0.0386		375.4672	375.4672	0.0127	0.0541	391.9039
Worker	0.1609	0.1101	1.5515	4.5500e-003	0.5589	3.2300e-003	0.5621	0.1482	2.9800e-003	0.1512		469.7699	469.7699	0.0116	0.0115	473.4741
Total	0.1813	0.8752	1.8368	8.0400e-003	0.6806	6.9400e-003	0.6875	0.1833	6.5300e-003	0.1898		845.2372	845.2372	0.0243	0.0656	865.3780

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.5 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	0.0198	0.7616	0.2801	3.4200e-003	0.1217	3.7200e-003	0.1254	0.0350	3.5600e-003	0.0386		368.7187	368.7187	0.0128	0.0532	384.8783
Worker	0.1510	0.0989	1.4471	4.4000e-003	0.5589	3.0900e-003	0.5620	0.1482	2.8400e-003	0.1511		458.3303	458.3303	0.0105	0.0107	461.7801
Total	0.1708	0.8604	1.7272	7.8200e-003	0.6806	6.8100e-003	0.6874	0.1833	6.4000e-003	0.1897		827.0491	827.0491	0.0233	0.0639	846.6585

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.5 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	0.0198	0.7616	0.2801	3.4200e-003	0.1217	3.7200e-003	0.1254	0.0350	3.5600e-003	0.0386		368.7187	368.7187	0.0128	0.0532	384.8783
Worker	0.1510	0.0989	1.4471	4.4000e-003	0.5589	3.0900e-003	0.5620	0.1482	2.8400e-003	0.1511		458.3303	458.3303	0.0105	0.0107	461.7801
Total	0.1708	0.8604	1.7272	7.8200e-003	0.6806	6.8100e-003	0.6874	0.1833	6.4000e-003	0.1897		827.0491	827.0491	0.0233	0.0639	846.6585

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.6 Paving - 2025****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.2711	1,036.2711	0.3019		1,043.8179
Paving	0.0734					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6372	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.2711	1,036.2711	0.3019		1,043.8179

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	0.0544	0.0356	0.5210	1.5800e-003	0.2012	1.1100e-003	0.2023	0.0534	1.0200e-003	0.0544		164.9989	164.9989	3.7600e-003	3.8500e-003	166.2409
Total	0.0544	0.0356	0.5210	1.5800e-003	0.2012	1.1100e-003	0.2023	0.0534	1.0200e-003	0.0544		164.9989	164.9989	3.7600e-003	3.8500e-003	166.2409

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.6 Paving - 2025****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046	0.0000	1,036.2711	1,036.2711	0.3019		1,043.8179
Paving	0.0734					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6372	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046	0.0000	1,036.2711	1,036.2711	0.3019		1,043.8179

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	0.0544	0.0356	0.5210	1.5800e-003	0.2012	1.1100e-003	0.2023	0.0534	1.0200e-003	0.0544		164.9989	164.9989	3.7600e-003	3.8500e-003	166.2409
Total	0.0544	0.0356	0.5210	1.5800e-003	0.2012	1.1100e-003	0.2023	0.0534	1.0200e-003	0.0544		164.9989	164.9989	3.7600e-003	3.8500e-003	166.2409

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.7 Architectural Coating - 2025****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	69.5253					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	69.6962	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	0.0302	0.0198	0.2894	8.8000e-004	0.1118	6.2000e-004	0.1124	0.0296	5.7000e-004	0.0302		91.6661	91.6661	2.0900e-003	2.1400e-003	92.3560
Total	0.0302	0.0198	0.2894	8.8000e-004	0.1118	6.2000e-004	0.1124	0.0296	5.7000e-004	0.0302		91.6661	91.6661	2.0900e-003	2.1400e-003	92.3560

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.7 Architectural Coating - 2025****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	69.5253					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	69.6962	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	0.0302	0.0198	0.2894	8.8000e-004	0.1118	6.2000e-004	0.1124	0.0296	5.7000e-004	0.0302		91.6661	91.6661	2.0900e-003	2.1400e-003	92.3560
Total	0.0302	0.0198	0.2894	8.8000e-004	0.1118	6.2000e-004	0.1124	0.0296	5.7000e-004	0.0302		91.6661	91.6661	2.0900e-003	2.1400e-003	92.3560

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**4.0 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	0.6801	0.8000	7.3314	0.0165	1.8072	0.0121	1.8193	0.4814	0.0113	0.4926		1,709,613 2	1,709,613 2	0.1117	0.0707	1,733,462 7
Unmitigated	0.6801	0.8000	7.3314	0.0165	1.8072	0.0121	1.8193	0.4814	0.0113	0.4926		1,709,613 2	1,709,613 2	0.1117	0.0707	1,733,462 7

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	8.47	1.92	0.61	20,664	20,664
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	193.92	193.92	193.92	831,069	831,069
Total	202.39	195.84	194.53	851,733	851,733

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
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

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

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.542464	0.063735	0.188241	0.126899	0.023249	0.006239	0.010717	0.008079	0.000923	0.000604	0.024795	0.000702	0.003352
Parking Lot	0.542464	0.063735	0.188241	0.126899	0.023249	0.006239	0.010717	0.008079	0.000923	0.000604	0.024795	0.000702	0.003352
Unrefrigerated Warehouse-No Rail	0.542464	0.063735	0.188241	0.126899	0.023249	0.006239	0.010717	0.008079	0.000923	0.000604	0.024795	0.000702	0.003352

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	3.1000e-003	0.0282	0.0237	1.7000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003		33.7835	33.7835	6.5000e-004	6.2000e-004	33.9842
NaturalGas Unmitigated	3.1000e-003	0.0282	0.0237	1.7000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003		33.7835	33.7835	6.5000e-004	6.2000e-004	33.9842

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					
General Office Building	24.5745	2.7000e-004	2.4100e-003	2.0200e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004		2.8911	2.8911	6.0000e-005	5.0000e-005	2.9083
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	262.585	2.8300e-003	0.0257	0.0216	1.5000e-004		1.9600e-003	1.9600e-003		1.9600e-003	1.9600e-003		30.8924	30.8924	5.9000e-004	5.7000e-004	31.0759
Total		3.1000e-003	0.0282	0.0236	1.6000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003		33.7835	33.7835	6.5000e-004	6.2000e-004	33.9842

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**5.2 Energy by Land Use - NaturalGas****Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	0.0245745	2.7000e-004	2.4100e-003	2.0200e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004		2.8911	2.8911	6.0000e-005	5.0000e-005	2.9083
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0.262585	2.8300e-003	0.0257	0.0216	1.5000e-004		1.9600e-003	1.9600e-003		1.9600e-003	1.9600e-003		30.8924	30.8924	5.9000e-004	5.7000e-004	31.0759
Total		3.1000e-003	0.0282	0.0236	1.6000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003		33.7835	33.7835	6.5000e-004	6.2000e-004	33.9842

6.0 Area Detail**6.1 Mitigation Measures Area**

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.5129	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Unmitigated	2.5129	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276

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	0.2857					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.2260					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.1100e-003	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Total	2.5129	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.2857					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.2260					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.1100e-003	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Total	2.5129	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276

7.0 Water Detail**7.1 Mitigation Measures Water**

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

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**127 Concord Street (Glendale Self Storage)**

Los Angeles-South Coast County, Annual

1.0 Project Characteristics**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	111.45	1000sqft	0.34	111,446.00	0
Parking Lot	6.15	1000sqft	0.14	6,150.00	0
General Office Building	0.87	1000sqft	0.01	870.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	12	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 16,772 SF commercial building, Construct 5-story, 111,446 SF personal storage facility with a 869 SF of office, 13 unenclosed at-grade parking and 3 loading spaces. Site area spans 3 parcels and is 21,345 (0.49 AC) site.

Land Use - 3 Parcels Combined = 21,345 (0.49), 111,446 SF of self storage, 869 SF office, 6,150 SF of at-grade parking and loading.

Construction Phase - Excavate 13, 037 Cubic Yards of material to accomodate a two-level basement.

Grading - 13,037 CY of material cut (all export).

Demolition - demolition of a 16,772 SF one story commercial building

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	15.00

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Annual

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

tblConstructionPhase	NumDays	100.00	217.00
tblConstructionPhase	NumDays	10.00	15.00
tblConstructionPhase	NumDays	2.00	23.00
tblConstructionPhase	NumDays	1.00	10.00
tblConstructionPhase	PhaseEndDate	7/3/2024	2/14/2025
tblConstructionPhase	PhaseEndDate	6/19/2024	1/17/2025
tblConstructionPhase	PhaseEndDate	1/26/2024	2/2/2024
tblConstructionPhase	PhaseEndDate	1/31/2024	3/20/2024
tblConstructionPhase	PhaseEndDate	6/26/2024	1/24/2025
tblConstructionPhase	PhaseEndDate	1/29/2024	2/16/2024
tblConstructionPhase	PhaseStartDate	6/27/2024	1/25/2025
tblConstructionPhase	PhaseStartDate	2/1/2024	3/21/2024
tblConstructionPhase	PhaseStartDate	1/30/2024	2/17/2024
tblConstructionPhase	PhaseStartDate	6/20/2024	1/18/2025
tblConstructionPhase	PhaseStartDate	1/27/2024	2/3/2024
tblGrading	AcresOfGrading	17.25	1.50
tblGrading	AcresOfGrading	5.00	0.50
tblGrading	MaterialExported	0.00	13,037.00
tblLandUse	LotAcreage	2.56	0.34
tblLandUse	LotAcreage	0.02	0.01

2.0 Emissions Summary

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.0979	0.9981	1.0870	2.8000e-003	0.1469	0.0377	0.1846	0.0530	0.0348	0.0878	0.0000	258.1084	258.1084	0.0455	0.0139	263.3914
2025	0.5293	0.0624	0.0918	1.9000e-004	5.6500e-003	2.5500e-003	8.2100e-003	1.5200e-003	2.3900e-003	3.9100e-003	0.0000	16.7119	16.7119	3.0600e-003	4.0000e-004	16.9078
Maximum	0.5293	0.9981	1.0870	2.8000e-003	0.1469	0.0377	0.1846	0.0530	0.0348	0.0878	0.0000	258.1084	258.1084	0.0455	0.0139	263.3914

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	0.0979	0.9981	1.0870	2.8000e-003	0.1469	0.0377	0.1846	0.0530	0.0348	0.0878	0.0000	258.1082	258.1082	0.0455	0.0139	263.3913
2025	0.5293	0.0624	0.0918	1.9000e-004	5.6500e-003	2.5500e-003	8.2100e-003	1.5200e-003	2.3900e-003	3.9100e-003	0.0000	16.7119	16.7119	3.0600e-003	4.0000e-004	16.9078
Maximum	0.5293	0.9981	1.0870	2.8000e-003	0.1469	0.0377	0.1846	0.0530	0.0348	0.0878	0.0000	258.1082	258.1082	0.0455	0.0139	263.3913

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.02	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	1-15-2024	4-14-2024	0.3867	0.3867
2	4-15-2024	7-14-2024	0.2460	0.2460
3	7-15-2024	10-14-2024	0.2490	0.2490
4	10-15-2024	1-14-2025	0.2477	0.2477
5	1-15-2025	4-14-2025	0.5534	0.5534
		Highest	0.5534	0.5534

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	0.4585	1.0000e-005	1.5100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	2.9400e-003	2.9400e-003	1.0000e-005	0.0000	3.1300e-003
Energy	5.7000e-004	5.1400e-003	4.3200e-003	3.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	194.9335	194.9335	6.6900e-003	9.0000e-004	195.3691
Mobile	0.1209	0.1467	1.3375	3.0100e-003	0.3200	2.1800e-003	0.3222	0.0854	2.0300e-003	0.0874	0.0000	283.0905	283.0905	0.0182	0.0117	287.0193
Waste						0.0000	0.0000		0.0000	0.0000	21.4298	0.0000	21.4298	1.2665	0.0000	53.0913
Water						0.0000	0.0000		0.0000	0.0000	8.2256	145.7737	153.9993	0.8499	0.0206	181.3750
Total	0.5800	0.1518	1.3433	3.0400e-003	0.3200	2.5800e-003	0.3226	0.0854	2.4300e-003	0.0878	29.6553	623.8006	653.4559	2.1413	0.0331	716.8578

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.4585	1.0000e-005	1.5100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	2.9400e-003	2.9400e-003	1.0000e-005	0.0000	3.1300e-003
Energy	5.7000e-004	5.1400e-003	4.3200e-003	3.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	194.9335	194.9335	6.6900e-003	9.0000e-004	195.3691
Mobile	0.1209	0.1467	1.3375	3.0100e-003	0.3200	2.1800e-003	0.3222	0.0854	2.0300e-003	0.0874	0.0000	283.0905	283.0905	0.0182	0.0117	287.0193
Waste						0.0000	0.0000		0.0000	0.0000	21.4298	0.0000	21.4298	1.2665	0.0000	53.0913
Water						0.0000	0.0000		0.0000	0.0000	8.2256	145.7737	153.9993	0.8499	0.0206	181.3750
Total	0.5800	0.1518	1.3433	3.0400e-003	0.3200	2.5800e-003	0.3226	0.0854	2.4300e-003	0.0878	29.6553	623.8006	653.4559	2.1413	0.0331	716.8578

	ROG	NOx	CO	SO2	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	1/15/2024	2/2/2024	5	15	
2	Site Preparation	Site Preparation	2/3/2024	2/16/2024	5	10	
3	Grading	Grading	2/17/2024	3/20/2024	5	23	

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

4	Building Construction	Building Construction	3/21/2024	1/17/2025	5	217
5	Paving	Paving	1/18/2025	1/24/2025	5	5
6	Architectural Coating	Architectural Coating	1/25/2025	2/14/2025	5	15

Acres of Grading (Site Preparation Phase): 0.5**Acres of Grading (Grading Phase): 1.5****Acres of Paving: 0.14****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 168,474; Non-Residential Outdoor: 56,158; Striped Parking Area: 369 (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 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	76.00	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	1,630.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	50.00	19.00	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	10.00	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					8.2500e-003	0.0000	8.2500e-003	1.2500e-003	0.0000	1.2500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.6200e-003	0.0411	0.0555	9.0000e-005		1.8800e-003	1.8800e-003		1.7900e-003	1.7900e-003	0.0000	7.8155	7.8155	1.4200e-003	0.0000	7.8509
Total	4.6200e-003	0.0411	0.0555	9.0000e-005	8.2500e-003	1.8800e-003	0.0101	1.2500e-003	1.7900e-003	3.0400e-003	0.0000	7.8155	7.8155	1.4200e-003	0.0000	7.8509

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	8.0000e-005	5.2400e-003	1.3500e-003	2.0000e-005	6.5000e-004	3.0000e-005	6.9000e-004	1.8000e-004	3.0000e-005	2.1000e-004	0.0000	2.1851	2.1851	1.2000e-004	3.5000e-004	2.2916
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-004	1.7000e-004	2.3900e-003	1.0000e-005	8.2000e-004	0.0000	8.3000e-004	2.2000e-004	0.0000	2.2000e-004	0.0000	0.6488	0.6488	2.0000e-005	2.0000e-005	0.6539
Total	3.0000e-004	5.4100e-003	3.7400e-003	3.0000e-005	1.4700e-003	3.0000e-005	1.5200e-003	4.0000e-004	3.0000e-005	4.3000e-004	0.0000	2.8338	2.8338	1.4000e-004	3.7000e-004	2.9455

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					8.2500e-003	0.0000	8.2500e-003	1.2500e-003	0.0000	1.2500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.6200e-003	0.0411	0.0555	9.0000e-005		1.8800e-003	1.8800e-003		1.7900e-003	1.7900e-003	0.0000	7.8155	7.8155	1.4200e-003	0.0000	7.8509
Total	4.6200e-003	0.0411	0.0555	9.0000e-005	8.2500e-003	1.8800e-003	0.0101	1.2500e-003	1.7900e-003	3.0400e-003	0.0000	7.8155	7.8155	1.4200e-003	0.0000	7.8509

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	8.0000e-005	5.2400e-003	1.3500e-003	2.0000e-005	6.5000e-004	3.0000e-005	6.9000e-004	1.8000e-004	3.0000e-005	2.1000e-004	0.0000	2.1851	2.1851	1.2000e-004	3.5000e-004	2.2916
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-004	1.7000e-004	2.3900e-003	1.0000e-005	8.2000e-004	0.0000	8.3000e-004	2.2000e-004	0.0000	2.2000e-004	0.0000	0.6488	0.6488	2.0000e-005	2.0000e-005	0.6539
Total	3.0000e-004	5.4100e-003	3.7400e-003	3.0000e-005	1.4700e-003	3.0000e-005	1.5200e-003	4.0000e-004	3.0000e-005	4.3000e-004	0.0000	2.8338	2.8338	1.4000e-004	3.7000e-004	2.9455

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	2.4900e-003	0.0280	0.0195	5.0000e-005		1.0100e-003	1.0100e-003		9.3000e-004	9.3000e-004	0.0000	4.2741	4.2741	1.3800e-003	0.0000	4.3086
Total	2.4900e-003	0.0280	0.0195	5.0000e-005	2.7000e-004	1.0100e-003	1.2800e-003	3.0000e-005	9.3000e-004	9.6000e-004	0.0000	4.2741	4.2741	1.3800e-003	0.0000	4.3086

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	7.0000e-005	6.0000e-005	8.0000e-004	0.0000	2.7000e-004	0.0000	2.8000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2163	0.2163	1.0000e-005	1.0000e-005	0.2180
Total	7.0000e-005	6.0000e-005	8.0000e-004	0.0000	2.7000e-004	0.0000	2.8000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2163	0.2163	1.0000e-005	1.0000e-005	0.2180

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	2.4900e-003	0.0280	0.0195	5.0000e-005		1.0100e-003	1.0100e-003		9.3000e-004	9.3000e-004	0.0000	4.2741	4.2741	1.3800e-003	0.0000	4.3086
Total	2.4900e-003	0.0280	0.0195	5.0000e-005	2.7000e-004	1.0100e-003	1.2800e-003	3.0000e-005	9.3000e-004	9.6000e-004	0.0000	4.2741	4.2741	1.3800e-003	0.0000	4.3086

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	7.0000e-005	6.0000e-005	8.0000e-004	0.0000	2.7000e-004	0.0000	2.8000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2163	0.2163	1.0000e-005	1.0000e-005	0.2180
Total	7.0000e-005	6.0000e-005	8.0000e-004	0.0000	2.7000e-004	0.0000	2.8000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2163	0.2163	1.0000e-005	1.0000e-005	0.2180

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					0.0535	0.0000	0.0535	0.0288	0.0000	0.0288	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0105	0.1119	0.0638	1.6000e-004		4.6000e-003	4.6000e-003		4.2300e-003	4.2300e-003	0.0000	14.2370	14.2370	4.6000e-003	0.0000	14.3521
Total	0.0105	0.1119	0.0638	1.6000e-004	0.0535	4.6000e-003	0.0581	0.0288	4.2300e-003	0.0330	0.0000	14.2370	14.2370	4.6000e-003	0.0000	14.3521

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	1.7100e-003	0.1124	0.0290	4.7000e-004	0.0140	6.8000e-004	0.0147	3.8500e-003	6.5000e-004	4.5000e-003	0.0000	46.8636	46.8636	2.6400e-003	7.4400e-003	49.1482
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7000e-004	2.1000e-004	2.9300e-003	1.0000e-005	1.0100e-003	1.0000e-005	1.0100e-003	2.7000e-004	1.0000e-005	2.7000e-004	0.0000	0.7958	0.7958	2.0000e-005	2.0000e-005	0.8021
Total	1.9800e-003	0.1126	0.0320	4.8000e-004	0.0150	6.9000e-004	0.0157	4.1200e-003	6.6000e-004	4.7700e-003	0.0000	47.6594	47.6594	2.6600e-003	7.4600e-003	49.9503

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					0.0535	0.0000	0.0535	0.0288	0.0000	0.0288	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0105	0.1119	0.0638	1.6000e-004		4.6000e-003	4.6000e-003		4.2300e-003	4.2300e-003	0.0000	14.2370	14.2370	4.6000e-003	0.0000	14.3521
Total	0.0105	0.1119	0.0638	1.6000e-004	0.0535	4.6000e-003	0.0581	0.0288	4.2300e-003	0.0330	0.0000	14.2370	14.2370	4.6000e-003	0.0000	14.3521

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	1.7100e-003	0.1124	0.0290	4.7000e-004	0.0140	6.8000e-004	0.0147	3.8500e-003	6.5000e-004	4.5000e-003	0.0000	46.8636	46.8636	2.6400e-003	7.4400e-003	49.1482
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7000e-004	2.1000e-004	2.9300e-003	1.0000e-005	1.0100e-003	1.0000e-005	1.0100e-003	2.7000e-004	1.0000e-005	2.7000e-004	0.0000	0.7958	0.7958	2.0000e-005	2.0000e-005	0.8021
Total	1.9800e-003	0.1126	0.0320	4.8000e-004	0.0150	6.9000e-004	0.0157	4.1200e-003	6.6000e-004	4.7700e-003	0.0000	47.6594	47.6594	2.6600e-003	7.4600e-003	49.9503

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	0.0607	0.6093	0.7209	1.1600e-003		0.0288	0.0288		0.0265	0.0265	0.0000	102.2473	102.2473	0.0331	0.0000	103.0740
Total	0.0607	0.6093	0.7209	1.1600e-003		0.0288	0.0288		0.0265	0.0265	0.0000	102.2473	102.2473	0.0331	0.0000	103.0740

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	2.1200e-003	0.0783	0.0286	3.6000e-004	0.0122	3.8000e-004	0.0126	3.5300e-003	3.6000e-004	3.8900e-003	0.0000	34.7085	34.7085	1.1800e-003	5.0000e-003	36.2280
Worker	0.0151	0.0115	0.1623	4.7000e-004	0.0559	3.3000e-004	0.0562	0.0148	3.0000e-004	0.0152	0.0000	44.1165	44.1165	1.0700e-003	1.0800e-003	44.4641
Total	0.0172	0.0897	0.1909	8.3000e-004	0.0681	7.1000e-004	0.0688	0.0184	6.6000e-004	0.0190	0.0000	78.8250	78.8250	2.2500e-003	6.0800e-003	80.6921

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	0.0607	0.6093	0.7209	1.1600e-003		0.0288	0.0288		0.0265	0.0265	0.0000	102.2471	102.2471	0.0331	0.0000	103.0739
Total	0.0607	0.6093	0.7209	1.1600e-003		0.0288	0.0288		0.0265	0.0265	0.0000	102.2471	102.2471	0.0331	0.0000	103.0739

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	2.1200e-003	0.0783	0.0286	3.6000e-004	0.0122	3.8000e-004	0.0126	3.5300e-003	3.6000e-004	3.8900e-003	0.0000	34.7085	34.7085	1.1800e-003	5.0000e-003	36.2280
Worker	0.0151	0.0115	0.1623	4.7000e-004	0.0559	3.3000e-004	0.0562	0.0148	3.0000e-004	0.0152	0.0000	44.1165	44.1165	1.0700e-003	1.0800e-003	44.4641
Total	0.0172	0.0897	0.1909	8.3000e-004	0.0681	7.1000e-004	0.0688	0.0184	6.6000e-004	0.0190	0.0000	78.8250	78.8250	2.2500e-003	6.0800e-003	80.6921

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	3.5800e-003	0.0356	0.0457	7.0000e-005		1.5700e-003	1.5700e-003		1.4400e-003	1.4400e-003	0.0000	6.5192	6.5192	2.1100e-003	0.0000	6.5719
Total	3.5800e-003	0.0356	0.0457	7.0000e-005		1.5700e-003	1.5700e-003		1.4400e-003	1.4400e-003	0.0000	6.5192	6.5192	2.1100e-003	0.0000	6.5719

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	1.3000e-004	4.9600e-003	1.7900e-003	2.0000e-005	7.8000e-004	2.0000e-005	8.0000e-004	2.2000e-004	2.0000e-005	2.5000e-004	0.0000	2.1720	2.1720	8.0000e-005	3.1000e-004	2.2672
Worker	9.0000e-004	6.6000e-004	9.6400e-003	3.0000e-005	3.5600e-003	2.0000e-005	3.5800e-003	9.5000e-004	2.0000e-005	9.6000e-004	0.0000	2.7428	2.7428	6.0000e-005	6.0000e-005	2.7634
Total	1.0300e-003	5.6200e-003	0.0114	5.0000e-005	4.3400e-003	4.0000e-005	4.3800e-003	1.1700e-003	4.0000e-005	1.2100e-003	0.0000	4.9148	4.9148	1.4000e-004	3.7000e-004	5.0306

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	3.5800e-003	0.0356	0.0457	7.0000e-005		1.5700e-003	1.5700e-003		1.4400e-003	1.4400e-003	0.0000	6.5192	6.5192	2.1100e-003	0.0000	6.5719
Total	3.5800e-003	0.0356	0.0457	7.0000e-005		1.5700e-003	1.5700e-003		1.4400e-003	1.4400e-003	0.0000	6.5192	6.5192	2.1100e-003	0.0000	6.5719

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	1.3000e-004	4.9600e-003	1.7900e-003	2.0000e-005	7.8000e-004	2.0000e-005	8.0000e-004	2.2000e-004	2.0000e-005	2.5000e-004	0.0000	2.1720	2.1720	8.0000e-005	3.1000e-004	2.2672
Worker	9.0000e-004	6.6000e-004	9.6400e-003	3.0000e-005	3.5600e-003	2.0000e-005	3.5800e-003	9.5000e-004	2.0000e-005	9.6000e-004	0.0000	2.7428	2.7428	6.0000e-005	6.0000e-005	2.7634
Total	1.0300e-003	5.6200e-003	0.0114	5.0000e-005	4.3400e-003	4.0000e-005	4.3800e-003	1.1700e-003	4.0000e-005	1.2100e-003	0.0000	4.9148	4.9148	1.4000e-004	3.7000e-004	5.0306

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.4100e-003	0.0123	0.0176	3.0000e-005		5.5000e-004	5.5000e-004		5.1000e-004	5.1000e-004	0.0000	2.3502	2.3502	6.8000e-004	0.0000	2.3673
Paving	1.8000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.5900e-003	0.0123	0.0176	3.0000e-005		5.5000e-004	5.5000e-004		5.1000e-004	5.1000e-004	0.0000	2.3502	2.3502	6.8000e-004	0.0000	2.3673

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.6 Paving - 2025****Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-004	9.0000e-005	1.3400e-003	0.0000	4.9000e-004	0.0000	5.0000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.3798	0.3798	1.0000e-005	1.0000e-005	0.3826
Total	1.2000e-004	9.0000e-005	1.3400e-003	0.0000	4.9000e-004	0.0000	5.0000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.3798	0.3798	1.0000e-005	1.0000e-005	0.3826

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	1.4100e-003	0.0123	0.0176	3.0000e-005		5.5000e-004	5.5000e-004		5.1000e-004	5.1000e-004	0.0000	2.3502	2.3502	6.8000e-004	0.0000	2.3673
Paving	1.8000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.5900e-003	0.0123	0.0176	3.0000e-005		5.5000e-004	5.5000e-004		5.1000e-004	5.1000e-004	0.0000	2.3502	2.3502	6.8000e-004	0.0000	2.3673

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.6 Paving - 2025****Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-004	9.0000e-005	1.3400e-003	0.0000	4.9000e-004	0.0000	5.0000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.3798	0.3798	1.0000e-005	1.0000e-005	0.3826
Total	1.2000e-004	9.0000e-005	1.3400e-003	0.0000	4.9000e-004	0.0000	5.0000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.3798	0.3798	1.0000e-005	1.0000e-005	0.3826

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5214					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2800e-003	8.5900e-003	0.0136	2.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	1.9149	1.9149	1.0000e-004	0.0000	1.9176
Total	0.5227	8.5900e-003	0.0136	2.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	1.9149	1.9149	1.0000e-004	0.0000	1.9176

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.7 Architectural Coating - 2025****Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1000e-004	1.5000e-004	2.2300e-003	1.0000e-005	8.2000e-004	0.0000	8.3000e-004	2.2000e-004	0.0000	2.2000e-004	0.0000	0.6330	0.6330	1.0000e-005	1.0000e-005	0.6377
Total	2.1000e-004	1.5000e-004	2.2300e-003	1.0000e-005	8.2000e-004	0.0000	8.3000e-004	2.2000e-004	0.0000	2.2000e-004	0.0000	0.6330	0.6330	1.0000e-005	1.0000e-005	0.6377

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	0.5214					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2800e-003	8.5900e-003	0.0136	2.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	1.9149	1.9149	1.0000e-004	0.0000	1.9176
Total	0.5227	8.5900e-003	0.0136	2.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	1.9149	1.9149	1.0000e-004	0.0000	1.9176

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.7 Architectural Coating - 2025****Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1000e-004	1.5000e-004	2.2300e-003	1.0000e-005	8.2000e-004	0.0000	8.3000e-004	2.2000e-004	0.0000	2.2000e-004	0.0000	0.6330	0.6330	1.0000e-005	1.0000e-005	0.6377
Total	2.1000e-004	1.5000e-004	2.2300e-003	1.0000e-005	8.2000e-004	0.0000	8.3000e-004	2.2000e-004	0.0000	2.2000e-004	0.0000	0.6330	0.6330	1.0000e-005	1.0000e-005	0.6377

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

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1209	0.1467	1.3375	3.0100e-003	0.3200	2.1800e-003	0.3222	0.0854	2.0300e-003	0.0874	0.0000	283.0905	283.0905	0.0182	0.0117	287.0193
Unmitigated	0.1209	0.1467	1.3375	3.0100e-003	0.3200	2.1800e-003	0.3222	0.0854	2.0300e-003	0.0874	0.0000	283.0905	283.0905	0.0182	0.0117	287.0193

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	8.47	1.92	0.61	20,664	20,664
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	193.92	193.92	193.92	831,069	831,069
Total	202.39	195.84	194.53	851,733	851,733

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
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.542464	0.063735	0.188241	0.126899	0.023249	0.006239	0.010717	0.008079	0.000923	0.000604	0.024795	0.000702	0.003352
Parking Lot	0.542464	0.063735	0.188241	0.126899	0.023249	0.006239	0.010717	0.008079	0.000923	0.000604	0.024795	0.000702	0.003352

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Annual

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

Unrefrigerated Warehouse-No Rail	0.542464	0.063735	0.188241	0.126899	0.023249	0.006239	0.010717	0.008079	0.000923	0.000604	0.024795	0.000702	0.003352
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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	189.3402	189.3402	6.5800e-003	8.0000e-004	189.7427
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	189.3402	189.3402	6.5800e-003	8.0000e-004	189.7427
NaturalGas Mitigated	5.7000e-004	5.1400e-003	4.3200e-003	3.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	5.5932	5.5932	1.1000e-004	1.0000e-004	5.6265
NaturalGas Unmitigated	5.7000e-004	5.1400e-003	4.3200e-003	3.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	5.5932	5.5932	1.1000e-004	1.0000e-004	5.6265

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					
General Office Building	8969.7	5.0000e-005	4.4000e-004	3.7000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.4787	0.4787	1.0000e-005	1.0000e-005	0.4815
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	95843.6	5.2000e-004	4.7000e-003	3.9500e-003	3.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004	0.0000	5.1146	5.1146	1.0000e-004	9.0000e-005	5.1450
Total		5.7000e-004	5.1400e-003	4.3200e-003	3.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	5.5932	5.5932	1.1000e-004	1.0000e-004	5.6265

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**5.2 Energy by Land Use - NaturalGas****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					
General Office Building	8969.7	5.0000e-005	4.4000e-004	3.7000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.4787	0.4787	1.0000e-005	1.0000e-005	0.4815
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	95843.6	5.2000e-004	4.7000e-003	3.9500e-003	3.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004	0.0000	5.1146	5.1146	1.0000e-004	9.0000e-005	5.1450
Total		5.7000e-004	5.1400e-003	4.3200e-003	3.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	5.5932	5.5932	1.1000e-004	1.0000e-004	5.6265

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**5.3 Energy by Land Use - Electricity****Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	10875	4.6811	1.6000e-004	2.0000e-005	4.6911
Parking Lot	2152.5	0.9265	3.0000e-005	0.0000	0.9285
Unrefrigerated Warehouse-No Rail	426838	183.7325	6.3900e-003	7.7000e-004	184.1230
Total		189.3402	6.5800e-003	7.9000e-004	189.7426

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**5.3 Energy by Land Use - Electricity****Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	10875	4.6811	1.6000e-004	2.0000e-005	4.6911
Parking Lot	2152.5	0.9265	3.0000e-005	0.0000	0.9285
Unrefrigerated Warehouse-No Rail	426838	183.7325	6.3900e-003	7.7000e-004	184.1230
Total		189.3402	6.5800e-003	7.9000e-004	189.7426

6.0 Area Detail**6.1 Mitigation Measures Area**

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Annual

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.4585	1.0000e-005	1.5100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	2.9400e-003	2.9400e-003	1.0000e-005	0.0000	3.1300e-003
Unmitigated	0.4585	1.0000e-005	1.5100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	2.9400e-003	2.9400e-003	1.0000e-005	0.0000	3.1300e-003

6.2 Area by SubCategory**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0521					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4063					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.4000e-004	1.0000e-005	1.5100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	2.9400e-003	2.9400e-003	1.0000e-005	0.0000	3.1300e-003
Total	0.4585	1.0000e-005	1.5100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	2.9400e-003	2.9400e-003	1.0000e-005	0.0000	3.1300e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.0521					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4063					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.4000e-004	1.0000e-005	1.5100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	2.9400e-003	2.9400e-003	1.0000e-005	0.0000	3.1300e-003
Total	0.4585	1.0000e-005	1.5100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	2.9400e-003	2.9400e-003	1.0000e-005	0.0000	3.1300e-003

7.0 Water Detail**7.1 Mitigation Measures Water**

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Annual

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	153.9993	0.8499	0.0206	181.3750
Unmitigated	153.9993	0.8499	0.0206	181.3750

7.2 Water by Land Use**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	0.154628 / 0.0947722	1.3690	5.0800e-003	1.2000e-004	1.5332
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	25.7728 / 0	152.6303	0.8448	0.0204	179.8418
Total		153.9993	0.8499	0.0206	181.3750

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**7.2 Water by Land Use****Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	0.154628 / 0.0947722	1.3690	5.0800e-003	1.2000e-004	1.5332
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	25.7728 / 0	152.6303	0.8448	0.0204	179.8418
Total		153.9993	0.8499	0.0206	181.3750

8.0 Waste Detail

8.1 Mitigation Measures Waste

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Annual

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

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	21.4298	1.2665	0.0000	53.0913
Unmitigated	21.4298	1.2665	0.0000	53.0913

8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	0.81	0.1644	9.7200e-003	0.0000	0.4074
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	104.76	21.2653	1.2568	0.0000	52.6840
Total		21.4298	1.2665	0.0000	53.0913

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**8.2 Waste by Land Use****Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	0.81	0.1644	9.7200e-003	0.0000	0.4074
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	104.76	21.2653	1.2568	0.0000	52.6840
Total		21.4298	1.2665	0.0000	53.0913

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

11.0 Vegetation

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**127 Concord Street (Glendale Self Storage)****Los Angeles-South Coast County, Summer****1.0 Project Characteristics****1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	111.45	1000sqft	0.34	111,446.00	0
Parking Lot	6.15	1000sqft	0.14	6,150.00	0
General Office Building	0.87	1000sqft	0.01	870.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	12			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 16,772 SF commercial building, Construct 5-story, 111,446 SF personal storage facility with a 869 SF of office, 13 unenclosed at-grade parking and 3 loading spaces. Site area spans 3 parcels and is 21,345 (0.49 AC) site.

Land Use - 3 Parcels Combined = 21,345 (0.49), 111,446 SF of self storage, 869 SF office, 6,150 SF of at-grade parking and loading.

Construction Phase - Excavate 13, 037 Cubic Yards of material to accomodate a two-level basement.

Grading - 13,037 CY of material cut (all export).

Demolition - demolition of a 16,772 SF one story commercial building

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	15.00

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

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

tblConstructionPhase	NumDays	100.00	217.00
tblConstructionPhase	NumDays	10.00	15.00
tblConstructionPhase	NumDays	2.00	23.00
tblConstructionPhase	NumDays	1.00	10.00
tblConstructionPhase	PhaseEndDate	7/3/2024	2/14/2025
tblConstructionPhase	PhaseEndDate	6/19/2024	1/17/2025
tblConstructionPhase	PhaseEndDate	1/26/2024	2/2/2024
tblConstructionPhase	PhaseEndDate	1/31/2024	3/20/2024
tblConstructionPhase	PhaseEndDate	6/26/2024	1/24/2025
tblConstructionPhase	PhaseEndDate	1/29/2024	2/16/2024
tblConstructionPhase	PhaseStartDate	6/27/2024	1/25/2025
tblConstructionPhase	PhaseStartDate	2/1/2024	3/21/2024
tblConstructionPhase	PhaseStartDate	1/30/2024	2/17/2024
tblConstructionPhase	PhaseStartDate	6/20/2024	1/18/2025
tblConstructionPhase	PhaseStartDate	1/27/2024	2/3/2024
tblGrading	AcresOfGrading	17.25	1.50
tblGrading	AcresOfGrading	5.00	0.50
tblGrading	MaterialExported	0.00	13,037.00
tblLandUse	LotAcreage	2.56	0.34
tblLandUse	LotAcreage	0.02	0.01

2.0 Emissions Summary

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**2.1 Overall Construction (Maximum Daily Emission)****Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	1.0898	19.0172	9.0305	0.0557	5.9798	0.4594	6.4392	2.8637	0.4248	3.2885	0.0000	5,934.009 5	5,934.009 5	0.6965	0.7150	6,164.488 6
2025	69.7241	6.2988	8.8714	0.0195	0.6806	0.2480	0.9286	0.1833	0.2283	0.4116	0.0000	1,957.380 8	1,957.380 8	0.3807	0.0630	1,985.683 9
Maximum	69.7241	19.0172	9.0305	0.0557	5.9798	0.4594	6.4392	2.8637	0.4248	3.2885	0.0000	5,934.009 5	5,934.009 5	0.6965	0.7150	6,164.488 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	1.0898	19.0172	9.0305	0.0557	5.9798	0.4594	6.4392	2.8637	0.4248	3.2885	0.0000	5,934.009 5	5,934.009 5	0.6965	0.7150	6,164.488 6
2025	69.7241	6.2988	8.8714	0.0195	0.6806	0.2480	0.9286	0.1833	0.2283	0.4116	0.0000	1,957.380 8	1,957.380 8	0.3807	0.0630	1,985.683 9
Maximum	69.7241	19.0172	9.0305	0.0557	5.9798	0.4594	6.4392	2.8637	0.4248	3.2885	0.0000	5,934.009 5	5,934.009 5	0.6965	0.7150	6,164.488 6

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

[illegible]

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	2.5129	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Energy	3.1000e-003	0.0282	0.0237	1.7000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003		33.7835	33.7835	6.5000e-004	6.2000e-004	33.9842
Mobile	0.6900	0.7409	7.5485	0.0172	1.8072	0.0121	1.8193	0.4814	0.0112	0.4926		1,785.944 4	1,785.944 4	0.1092	0.0677	1,808.859 3
Total	3.2059	0.7692	7.5842	0.0174	1.8072	0.0143	1.8215	0.4814	0.0134	0.4948		1,819.753 8	1,819.753 8	0.1099	0.0684	1,842.871 1

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	2.5129	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Energy	3.1000e-003	0.0282	0.0237	1.7000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003		33.7835	33.7835	6.5000e-004	6.2000e-004	33.9842
Mobile	0.6900	0.7409	7.5485	0.0172	1.8072	0.0121	1.8193	0.4814	0.0112	0.4926		1,785.944 4	1,785.944 4	0.1092	0.0677	1,808.859 3
Total	3.2059	0.7692	7.5842	0.0174	1.8072	0.0143	1.8215	0.4814	0.0134	0.4948		1,819.753 8	1,819.753 8	0.1099	0.0684	1,842.871 1

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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	1/15/2024	2/2/2024	5	15	
2	Site Preparation	Site Preparation	2/3/2024	2/16/2024	5	10	
3	Grading	Grading	2/17/2024	3/20/2024	5	23	
4	Building Construction	Building Construction	3/21/2024	1/17/2025	5	217	
5	Paving	Paving	1/18/2025	1/24/2025	5	5	
6	Architectural Coating	Architectural Coating	1/25/2025	2/14/2025	5	15	

Acres of Grading (Site Preparation Phase): 0.5**Acres of Grading (Grading Phase): 1.5****Acres of Paving: 0.14****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 168,474; Non-Residential Outdoor: 56,158; Striped Parking Area: 369 (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

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	76.00	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	1,630.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	50.00	19.00	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	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					1.1006	0.0000	1.1006	0.1667	0.0000	0.1667			0.0000			0.0000
Off-Road	0.6156	5.4776	7.3949	0.0120		0.2504	0.2504		0.2392	0.2392		1,148.6874	1,148.6874	0.2080		1,153.8870
Total	0.6156	5.4776	7.3949	0.0120	1.1006	0.2504	1.3510	0.1667	0.2392	0.4059		1,148.6874	1,148.6874	0.2080		1,153.8870

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	0.0109	0.6629	0.1796	2.9200e-003	0.0887	4.2000e-003	0.0929	0.0243	4.0200e-003	0.0283		321.0035	321.0035	0.0181	0.0510	336.6524
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	0.0299	0.0199	0.3373	9.6000e-004	0.1118	6.5000e-004	0.1124	0.0296	6.0000e-004	0.0302		99.1739	99.1739	2.2800e-003	2.1500e-003	99.8705
Total	0.0408	0.6828	0.5169	3.8800e-003	0.2005	4.8500e-003	0.2053	0.0540	4.6200e-003	0.0586		420.1774	420.1774	0.0204	0.0531	436.5229

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					1.1006	0.0000	1.1006	0.1667	0.0000	0.1667			0.0000			0.0000
Off-Road	0.6156	5.4776	7.3949	0.0120		0.2504	0.2504		0.2392	0.2392	0.0000	1,148.6874	1,148.6874	0.2080		1,153.8870
Total	0.6156	5.4776	7.3949	0.0120	1.1006	0.2504	1.3510	0.1667	0.2392	0.4059	0.0000	1,148.6874	1,148.6874	0.2080		1,153.8870

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	0.0109	0.6629	0.1796	2.9200e-003	0.0887	4.2000e-003	0.0929	0.0243	4.0200e-003	0.0283		321.0035	321.0035	0.0181	0.0510	336.6524
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	0.0299	0.0199	0.3373	9.6000e-004	0.1118	6.5000e-004	0.1124	0.0296	6.0000e-004	0.0302		99.1739	99.1739	2.2800e-003	2.1500e-003	99.8705
Total	0.0408	0.6828	0.5169	3.8800e-003	0.2005	4.8500e-003	0.2053	0.0540	4.6200e-003	0.0586		420.1774	420.1774	0.0204	0.0531	436.5229

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					0.0530	0.0000	0.0530	5.7300e-003	0.0000	5.7300e-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	0.0530	0.2012	0.2543	5.7300e-003	0.1851	0.1909		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	9.9700e-003	0.1687	4.8000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		49.5870	49.5870	1.1400e-003	1.0700e-003	49.9353
Total	0.0149	9.9700e-003	0.1687	4.8000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		49.5870	49.5870	1.1400e-003	1.0700e-003	49.9353

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					0.0530	0.0000	0.0530	5.7300e-003	0.0000	5.7300e-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	0.0530	0.2012	0.2543	5.7300e-003	0.1851	0.1909	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	9.9700e-003	0.1687	4.8000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		49.5870	49.5870	1.1400e-003	1.0700e-003	49.9353
Total	0.0149	9.9700e-003	0.1687	4.8000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		49.5870	49.5870	1.1400e-003	1.0700e-003	49.9353

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					4.6498	0.0000	4.6498	2.4999	0.0000	2.4999			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	4.6498	0.4001	5.0499	2.4999	0.3681	2.8680		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	0.1527	9.2715	2.5119	0.0408	1.2406	0.0588	1.2994	0.3401	0.0563	0.3964		4,490.008 2	4,490.008 2	0.2533	0.7133	4,708.895 9
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	0.0239	0.0160	0.2698	7.7000e-004	0.0894	5.2000e-004	0.0899	0.0237	4.8000e-004	0.0242		79.3391	79.3391	1.8300e-003	1.7200e-003	79.8964
Total	0.1766	9.2875	2.7818	0.0416	1.3300	0.0593	1.3893	0.3638	0.0567	0.4206		4,569.347 3	4,569.347 3	0.2551	0.7150	4,788.792 4

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					4.6498	0.0000	4.6498	2.4999	0.0000	2.4999			0.0000			0.0000
Off-Road	0.9132	9.7297	5.5468	0.0141		0.4001	0.4001		0.3681	0.3681	0.0000	1,364.6623	1,364.6623	0.4414		1,375.6962
Total	0.9132	9.7297	5.5468	0.0141	4.6498	0.4001	5.0499	2.4999	0.3681	2.8680	0.0000	1,364.6623	1,364.6623	0.4414		1,375.6962

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	0.1527	9.2715	2.5119	0.0408	1.2406	0.0588	1.2994	0.3401	0.0563	0.3964		4,490.0082	4,490.0082	0.2533	0.7133	4,708.8959
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	0.0239	0.0160	0.2698	7.7000e-004	0.0894	5.2000e-004	0.0899	0.0237	4.8000e-004	0.0242		79.3391	79.3391	1.8300e-003	1.7200e-003	79.8964
Total	0.1766	9.2875	2.7818	0.0416	1.3300	0.0593	1.3893	0.3638	0.0567	0.4206		4,569.3473	4,569.3473	0.2551	0.7150	4,788.7924

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.0212	0.7308	0.2765	3.4800e-003	0.1217	3.6900e-003	0.1254	0.0350	3.5300e-003	0.0386		374.8218	374.8218	0.0128	0.0540	391.2176
Worker	0.1492	0.0997	1.6865	4.8100e-003	0.5589	3.2300e-003	0.5621	0.1482	2.9800e-003	0.1512		495.8695	495.8695	0.0114	0.0107	499.3527
Total	0.1704	0.8305	1.9630	8.2900e-003	0.6806	6.9200e-003	0.6875	0.1833	6.5100e-003	0.1898		870.6912	870.6912	0.0242	0.0647	890.5703

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	1,104.9834	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	0.0000	1,104.9834	1,104.9834	0.3574		1,113.9177

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	0.0212	0.7308	0.2765	3.4800e-003	0.1217	3.6900e-003	0.1254	0.0350	3.5300e-003	0.0386		374.8218	374.8218	0.0128	0.0540	391.2176
Worker	0.1492	0.0997	1.6865	4.8100e-003	0.5589	3.2300e-003	0.5621	0.1482	2.9800e-003	0.1512		495.8695	495.8695	0.0114	0.0107	499.3527
Total	0.1704	0.8305	1.9630	8.2900e-003	0.6806	6.9200e-003	0.6875	0.1833	6.5100e-003	0.1898		870.6912	870.6912	0.0242	0.0647	890.5703

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.0206	0.7273	0.2714	3.4100e-003	0.1217	3.7000e-003	0.1254	0.0350	3.5400e-003	0.0386		368.0735	368.0735	0.0129	0.0530	384.1934
Worker	0.1396	0.0896	1.5718	4.6400e-003	0.5589	3.0900e-003	0.5620	0.1482	2.8400e-003	0.1511		483.7363	483.7363	0.0103	0.0100	486.9804
Total	0.1602	0.8169	1.8432	8.0500e-003	0.6806	6.7900e-003	0.6874	0.1833	6.3800e-003	0.1897		851.8098	851.8098	0.0232	0.0630	871.1738

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.0206	0.7273	0.2714	3.4100e-003	0.1217	3.7000e-003	0.1254	0.0350	3.5400e-003	0.0386		368.0735	368.0735	0.0129	0.0530	384.1934
Worker	0.1396	0.0896	1.5718	4.6400e-003	0.5589	3.0900e-003	0.5620	0.1482	2.8400e-003	0.1511		483.7363	483.7363	0.0103	0.0100	486.9804
Total	0.1602	0.8169	1.8432	8.0500e-003	0.6806	6.7900e-003	0.6874	0.1833	6.3800e-003	0.1897		851.8098	851.8098	0.0232	0.0630	871.1738

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.6 Paving - 2025****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.2711	1,036.2711	0.3019		1,043.8179
Paving	0.0734					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6372	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.2711	1,036.2711	0.3019		1,043.8179

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	0.0503	0.0323	0.5658	1.6700e-003	0.2012	1.1100e-003	0.2023	0.0534	1.0200e-003	0.0544		174.1451	174.1451	3.7000e-003	3.6100e-003	175.3129
Total	0.0503	0.0323	0.5658	1.6700e-003	0.2012	1.1100e-003	0.2023	0.0534	1.0200e-003	0.0544		174.1451	174.1451	3.7000e-003	3.6100e-003	175.3129

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.6 Paving - 2025****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046	0.0000	1,036.2711	1,036.2711	0.3019		1,043.8179
Paving	0.0734					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6372	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046	0.0000	1,036.2711	1,036.2711	0.3019		1,043.8179

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	0.0503	0.0323	0.5658	1.6700e-003	0.2012	1.1100e-003	0.2023	0.0534	1.0200e-003	0.0544		174.1451	174.1451	3.7000e-003	3.6100e-003	175.3129
Total	0.0503	0.0323	0.5658	1.6700e-003	0.2012	1.1100e-003	0.2023	0.0534	1.0200e-003	0.0544		174.1451	174.1451	3.7000e-003	3.6100e-003	175.3129

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.7 Architectural Coating - 2025****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	69.5253					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	69.6962	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	0.0279	0.0179	0.3144	9.3000e-004	0.1118	6.2000e-004	0.1124	0.0296	5.7000e-004	0.0302		96.7473	96.7473	2.0600e-003	2.0000e-003	97.3961
Total	0.0279	0.0179	0.3144	9.3000e-004	0.1118	6.2000e-004	0.1124	0.0296	5.7000e-004	0.0302		96.7473	96.7473	2.0600e-003	2.0000e-003	97.3961

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.7 Architectural Coating - 2025****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	69.5253					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	69.6962	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	0.0279	0.0179	0.3144	9.3000e-004	0.1118	6.2000e-004	0.1124	0.0296	5.7000e-004	0.0302		96.7473	96.7473	2.0600e-003	2.0000e-003	97.3961
Total	0.0279	0.0179	0.3144	9.3000e-004	0.1118	6.2000e-004	0.1124	0.0296	5.7000e-004	0.0302		96.7473	96.7473	2.0600e-003	2.0000e-003	97.3961

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.6900	0.7409	7.5485	0.0172	1.8072	0.0121	1.8193	0.4814	0.0112	0.4926		1,785.944 4	1,785.944 4	0.1092	0.0677	1,808.859 3
Unmitigated	0.6900	0.7409	7.5485	0.0172	1.8072	0.0121	1.8193	0.4814	0.0112	0.4926		1,785.944 4	1,785.944 4	0.1092	0.0677	1,808.859 3

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	8.47	1.92	0.61	20,664	20,664
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	193.92	193.92	193.92	831,069	831,069
Total	202.39	195.84	194.53	851,733	851,733

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
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

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

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.542464	0.063735	0.188241	0.126899	0.023249	0.006239	0.010717	0.008079	0.000923	0.000604	0.024795	0.000702	0.003352
Parking Lot	0.542464	0.063735	0.188241	0.126899	0.023249	0.006239	0.010717	0.008079	0.000923	0.000604	0.024795	0.000702	0.003352
Unrefrigerated Warehouse-No Rail	0.542464	0.063735	0.188241	0.126899	0.023249	0.006239	0.010717	0.008079	0.000923	0.000604	0.024795	0.000702	0.003352

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	3.1000e-003	0.0282	0.0237	1.7000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003		33.7835	33.7835	6.5000e-004	6.2000e-004	33.9842
NaturalGas Unmitigated	3.1000e-003	0.0282	0.0237	1.7000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003		33.7835	33.7835	6.5000e-004	6.2000e-004	33.9842

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					
General Office Building	24.5745	2.7000e-004	2.4100e-003	2.0200e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004		2.8911	2.8911	6.0000e-005	5.0000e-005	2.9083
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	262.585	2.8300e-003	0.0257	0.0216	1.5000e-004		1.9600e-003	1.9600e-003		1.9600e-003	1.9600e-003		30.8924	30.8924	5.9000e-004	5.7000e-004	31.0759
Total		3.1000e-003	0.0282	0.0236	1.6000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003		33.7835	33.7835	6.5000e-004	6.2000e-004	33.9842

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**5.2 Energy by Land Use - NaturalGas****Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	0.0245745	2.7000e-004	2.4100e-003	2.0200e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004		2.8911	2.8911	6.0000e-005	5.0000e-005	2.9083
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0.262585	2.8300e-003	0.0257	0.0216	1.5000e-004		1.9600e-003	1.9600e-003		1.9600e-003	1.9600e-003		30.8924	30.8924	5.9000e-004	5.7000e-004	31.0759
Total		3.1000e-003	0.0282	0.0236	1.6000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003		33.7835	33.7835	6.5000e-004	6.2000e-004	33.9842

6.0 Area Detail**6.1 Mitigation Measures Area**

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.5129	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Unmitigated	2.5129	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276

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	0.2857					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.2260					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.1100e-003	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Total	2.5129	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.2857					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.2260					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.1100e-003	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Total	2.5129	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276

7.0 Water Detail**7.1 Mitigation Measures Water**

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

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**127 Concord Street (Glendale Self Storage)**

Los Angeles-South Coast County, Winter

1.0 Project Characteristics**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	111.45	1000sqft	0.34	111,446.00	0
Parking Lot	6.15	1000sqft	0.14	6,150.00	0
General Office Building	0.87	1000sqft	0.01	870.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	12	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 16,772 SF commercial building, Construct 5-story, 111,446 SF personal storage facility with a 869 SF of office, 13 unenclosed at-grade parking and 3 loading spaces. Site area spans 3 parcels and is 21,345 (0.49 AC) site.

Land Use - 3 Parcels Combined = 21,345 (0.49), 111,446 SF of self storage, 869 SF office, 6,150 SF of at-grade parking and loading.

Construction Phase - Excavate 13, 037 Cubic Yards of material to accomodate a two-level basement.

Grading - 13,037 CY of material cut (all export).

Demolition - demolition of a 16,772 SF one story commercial building

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	15.00

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

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

tblConstructionPhase	NumDays	100.00	217.00
tblConstructionPhase	NumDays	10.00	15.00
tblConstructionPhase	NumDays	2.00	23.00
tblConstructionPhase	NumDays	1.00	10.00
tblConstructionPhase	PhaseEndDate	7/3/2024	2/14/2025
tblConstructionPhase	PhaseEndDate	6/19/2024	1/17/2025
tblConstructionPhase	PhaseEndDate	1/26/2024	2/2/2024
tblConstructionPhase	PhaseEndDate	1/31/2024	3/20/2024
tblConstructionPhase	PhaseEndDate	6/26/2024	1/24/2025
tblConstructionPhase	PhaseEndDate	1/29/2024	2/16/2024
tblConstructionPhase	PhaseStartDate	6/27/2024	1/25/2025
tblConstructionPhase	PhaseStartDate	2/1/2024	3/21/2024
tblConstructionPhase	PhaseStartDate	1/30/2024	2/17/2024
tblConstructionPhase	PhaseStartDate	6/20/2024	1/18/2025
tblConstructionPhase	PhaseStartDate	1/27/2024	2/3/2024
tblGrading	AcresOfGrading	17.25	1.50
tblGrading	AcresOfGrading	5.00	0.50
tblGrading	MaterialExported	0.00	13,037.00
tblLandUse	LotAcreage	2.56	0.34
tblLandUse	LotAcreage	0.02	0.01

2.0 Emissions Summary

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**2.1 Overall Construction (Maximum Daily Emission)****Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	1.0817	19.4281	8.9043	0.0557	5.9798	0.4596	6.4394	2.8637	0.4250	3.2887	0.0000	5,934.6318	5,934.6318	0.6960	0.7159	6,165.3654
2025	69.7264	6.3424	8.7554	0.0192	0.6806	0.2481	0.9287	0.1833	0.2284	0.4116	0.0000	1,932.6201	1,932.6201	0.3808	0.0639	1,961.1686
Maximum	69.7264	19.4281	8.9043	0.0557	5.9798	0.4596	6.4394	2.8637	0.4250	3.2887	0.0000	5,934.6318	5,934.6318	0.6960	0.7159	6,165.3654

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	1.0817	19.4281	8.9043	0.0557	5.9798	0.4596	6.4394	2.8637	0.4250	3.2887	0.0000	5,934.6318	5,934.6318	0.6960	0.7159	6,165.3654
2025	69.7264	6.3424	8.7554	0.0192	0.6806	0.2481	0.9287	0.1833	0.2284	0.4116	0.0000	1,932.6201	1,932.6201	0.3808	0.0639	1,961.1686
Maximum	69.7264	19.4281	8.9043	0.0557	5.9798	0.4596	6.4394	2.8637	0.4250	3.2887	0.0000	5,934.6318	5,934.6318	0.6960	0.7159	6,165.3654

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

[illegible]

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**2.2 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	2.5129	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Energy	3.1000e-003	0.0282	0.0237	1.7000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003		33.7835	33.7835	6.5000e-004	6.2000e-004	33.9842
Mobile	0.6801	0.8000	7.3314	0.0165	1.8072	0.0121	1.8193	0.4814	0.0113	0.4926		1,709.6132	1,709.6132	0.1117	0.0707	1,733.4627
Total	3.1960	0.8282	7.3671	0.0167	1.8072	0.0143	1.8215	0.4814	0.0134	0.4948		1,743.4226	1,743.4226	0.1124	0.0713	1,767.4746

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	2.5129	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Energy	3.1000e-003	0.0282	0.0237	1.7000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003		33.7835	33.7835	6.5000e-004	6.2000e-004	33.9842
Mobile	0.6801	0.8000	7.3314	0.0165	1.8072	0.0121	1.8193	0.4814	0.0113	0.4926		1,709.6132	1,709.6132	0.1117	0.0707	1,733.4627
Total	3.1960	0.8282	7.3671	0.0167	1.8072	0.0143	1.8215	0.4814	0.0134	0.4948		1,743.4226	1,743.4226	0.1124	0.0713	1,767.4746

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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	1/15/2024	2/2/2024	5	15	
2	Site Preparation	Site Preparation	2/3/2024	2/16/2024	5	10	
3	Grading	Grading	2/17/2024	3/20/2024	5	23	
4	Building Construction	Building Construction	3/21/2024	1/17/2025	5	217	
5	Paving	Paving	1/18/2025	1/24/2025	5	5	
6	Architectural Coating	Architectural Coating	1/25/2025	2/14/2025	5	15	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 0.14

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 168,474; Non-Residential Outdoor: 56,158; Striped Parking Area: 369 (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

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	76.00	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	1,630.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	50.00	19.00	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	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.2 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					1.1006	0.0000	1.1006	0.1667	0.0000	0.1667			0.0000			0.0000
Off-Road	0.6156	5.4776	7.3949	0.0120		0.2504	0.2504		0.2392	0.2392		1,148.6874	1,148.6874	0.2080		1,153.8870
Total	0.6156	5.4776	7.3949	0.0120	1.1006	0.2504	1.3510	0.1667	0.2392	0.4059		1,148.6874	1,148.6874	0.2080		1,153.8870

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	0.0102	0.6921	0.1820	2.9200e-003	0.0887	4.2100e-003	0.0929	0.0243	4.0300e-003	0.0284		321.3465	321.3465	0.0181	0.0511	337.0111
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	0.0322	0.0220	0.3103	9.1000e-004	0.1118	6.5000e-004	0.1124	0.0296	6.0000e-004	0.0302		93.9540	93.9540	2.3200e-003	2.2900e-003	94.6948
Total	0.0424	0.7141	0.4923	3.8300e-003	0.2005	4.8600e-003	0.2053	0.0540	4.6300e-003	0.0586		415.3005	415.3005	0.0204	0.0533	431.7059

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.2 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					1.1006	0.0000	1.1006	0.1667	0.0000	0.1667			0.0000			0.0000
Off-Road	0.6156	5.4776	7.3949	0.0120		0.2504	0.2504		0.2392	0.2392	0.0000	1,148.6874	1,148.6874	0.2080		1,153.8870
Total	0.6156	5.4776	7.3949	0.0120	1.1006	0.2504	1.3510	0.1667	0.2392	0.4059	0.0000	1,148.6874	1,148.6874	0.2080		1,153.8870

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	0.0102	0.6921	0.1820	2.9200e-003	0.0887	4.2100e-003	0.0929	0.0243	4.0300e-003	0.0284		321.3465	321.3465	0.0181	0.0511	337.0111
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	0.0322	0.0220	0.3103	9.1000e-004	0.1118	6.5000e-004	0.1124	0.0296	6.0000e-004	0.0302		93.9540	93.9540	2.3200e-003	2.2900e-003	94.6948
Total	0.0424	0.7141	0.4923	3.8300e-003	0.2005	4.8600e-003	0.2053	0.0540	4.6300e-003	0.0586		415.3005	415.3005	0.0204	0.0533	431.7059

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.3 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					0.0530	0.0000	0.0530	5.7300e-003	0.0000	5.7300e-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	0.0530	0.2012	0.2543	5.7300e-003	0.1851	0.1909		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	0.0161	0.0110	0.1552	4.6000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		46.9770	46.9770	1.1600e-003	1.1500e-003	47.3474
Total	0.0161	0.0110	0.1552	4.6000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		46.9770	46.9770	1.1600e-003	1.1500e-003	47.3474

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.3 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					0.0530	0.0000	0.0530	5.7300e-003	0.0000	5.7300e-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	0.0530	0.2012	0.2543	5.7300e-003	0.1851	0.1909	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	0.0161	0.0110	0.1552	4.6000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		46.9770	46.9770	1.1600e-003	1.1500e-003	47.3474
Total	0.0161	0.0110	0.1552	4.6000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		46.9770	46.9770	1.1600e-003	1.1500e-003	47.3474

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.4 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					4.6498	0.0000	4.6498	2.4999	0.0000	2.4999			0.0000			0.0000
Off-Road	0.9132	9.7297	5.5468	0.0141		0.4001	0.4001		0.3681	0.3681		1,364.6623	1,364.6623	0.4414		1,375.6962
Total	0.9132	9.7297	5.5468	0.0141	4.6498	0.4001	5.0499	2.4999	0.3681	2.8680		1,364.6623	1,364.6623	0.4414		1,375.6962

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	0.1428	9.6807	2.5455	0.0409	1.2406	0.0590	1.2995	0.3401	0.0564	0.3965		4,494.8063	4,494.8063	0.2528	0.7141	4,713.9133
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	0.0257	0.0176	0.2483	7.3000e-004	0.0894	5.2000e-004	0.0899	0.0237	4.8000e-004	0.0242		75.1632	75.1632	1.8500e-003	1.8300e-003	75.7559
Total	0.1685	9.6983	2.7938	0.0416	1.3300	0.0595	1.3894	0.3638	0.0569	0.4207		4,569.9695	4,569.9695	0.2546	0.7159	4,789.6692

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.4 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					4.6498	0.0000	4.6498	2.4999	0.0000	2.4999			0.0000			0.0000
Off-Road	0.9132	9.7297	5.5468	0.0141		0.4001	0.4001		0.3681	0.3681	0.0000	1,364.6623	1,364.6623	0.4414		1,375.6962
Total	0.9132	9.7297	5.5468	0.0141	4.6498	0.4001	5.0499	2.4999	0.3681	2.8680	0.0000	1,364.6623	1,364.6623	0.4414		1,375.6962

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	0.1428	9.6807	2.5455	0.0409	1.2406	0.0590	1.2995	0.3401	0.0564	0.3965		4,494.8063	4,494.8063	0.2528	0.7141	4,713.9133
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	0.0257	0.0176	0.2483	7.3000e-004	0.0894	5.2000e-004	0.0899	0.0237	4.8000e-004	0.0242		75.1632	75.1632	1.8500e-003	1.8300e-003	75.7559
Total	0.1685	9.6983	2.7938	0.0416	1.3300	0.0595	1.3894	0.3638	0.0569	0.4207		4,569.9695	4,569.9695	0.2546	0.7159	4,789.6692

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.5 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	0.0204	0.7651	0.2853	3.4900e-003	0.1217	3.7100e-003	0.1254	0.0350	3.5500e-003	0.0386		375.4672	375.4672	0.0127	0.0541	391.9039
Worker	0.1609	0.1101	1.5515	4.5500e-003	0.5589	3.2300e-003	0.5621	0.1482	2.9800e-003	0.1512		469.7699	469.7699	0.0116	0.0115	473.4741
Total	0.1813	0.8752	1.8368	8.0400e-003	0.6806	6.9400e-003	0.6875	0.1833	6.5300e-003	0.1898		845.2372	845.2372	0.0243	0.0656	865.3780

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.5 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	1,104.9834	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	0.0000	1,104.9834	1,104.9834	0.3574		1,113.9177

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	0.0204	0.7651	0.2853	3.4900e-003	0.1217	3.7100e-003	0.1254	0.0350	3.5500e-003	0.0386		375.4672	375.4672	0.0127	0.0541	391.9039
Worker	0.1609	0.1101	1.5515	4.5500e-003	0.5589	3.2300e-003	0.5621	0.1482	2.9800e-003	0.1512		469.7699	469.7699	0.0116	0.0115	473.4741
Total	0.1813	0.8752	1.8368	8.0400e-003	0.6806	6.9400e-003	0.6875	0.1833	6.5300e-003	0.1898		845.2372	845.2372	0.0243	0.0656	865.3780

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.5 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	0.0198	0.7616	0.2801	3.4200e-003	0.1217	3.7200e-003	0.1254	0.0350	3.5600e-003	0.0386		368.7187	368.7187	0.0128	0.0532	384.8783
Worker	0.1510	0.0989	1.4471	4.4000e-003	0.5589	3.0900e-003	0.5620	0.1482	2.8400e-003	0.1511		458.3303	458.3303	0.0105	0.0107	461.7801
Total	0.1708	0.8604	1.7272	7.8200e-003	0.6806	6.8100e-003	0.6874	0.1833	6.4000e-003	0.1897		827.0491	827.0491	0.0233	0.0639	846.6585

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.5 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	0.0198	0.7616	0.2801	3.4200e-003	0.1217	3.7200e-003	0.1254	0.0350	3.5600e-003	0.0386		368.7187	368.7187	0.0128	0.0532	384.8783
Worker	0.1510	0.0989	1.4471	4.4000e-003	0.5589	3.0900e-003	0.5620	0.1482	2.8400e-003	0.1511		458.3303	458.3303	0.0105	0.0107	461.7801
Total	0.1708	0.8604	1.7272	7.8200e-003	0.6806	6.8100e-003	0.6874	0.1833	6.4000e-003	0.1897		827.0491	827.0491	0.0233	0.0639	846.6585

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.6 Paving - 2025****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.2711	1,036.2711	0.3019		1,043.8179
Paving	0.0734					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6372	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.2711	1,036.2711	0.3019		1,043.8179

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	0.0544	0.0356	0.5210	1.5800e-003	0.2012	1.1100e-003	0.2023	0.0534	1.0200e-003	0.0544		164.9989	164.9989	3.7600e-003	3.8500e-003	166.2409
Total	0.0544	0.0356	0.5210	1.5800e-003	0.2012	1.1100e-003	0.2023	0.0534	1.0200e-003	0.0544		164.9989	164.9989	3.7600e-003	3.8500e-003	166.2409

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.6 Paving - 2025****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046	0.0000	1,036.2711	1,036.2711	0.3019		1,043.8179
Paving	0.0734					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6372	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046	0.0000	1,036.2711	1,036.2711	0.3019		1,043.8179

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	0.0544	0.0356	0.5210	1.5800e-003	0.2012	1.1100e-003	0.2023	0.0534	1.0200e-003	0.0544		164.9989	164.9989	3.7600e-003	3.8500e-003	166.2409
Total	0.0544	0.0356	0.5210	1.5800e-003	0.2012	1.1100e-003	0.2023	0.0534	1.0200e-003	0.0544		164.9989	164.9989	3.7600e-003	3.8500e-003	166.2409

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.7 Architectural Coating - 2025****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	69.5253					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	69.6962	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	0.0302	0.0198	0.2894	8.8000e-004	0.1118	6.2000e-004	0.1124	0.0296	5.7000e-004	0.0302		91.6661	91.6661	2.0900e-003	2.1400e-003	92.3560
Total	0.0302	0.0198	0.2894	8.8000e-004	0.1118	6.2000e-004	0.1124	0.0296	5.7000e-004	0.0302		91.6661	91.6661	2.0900e-003	2.1400e-003	92.3560

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.7 Architectural Coating - 2025****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	69.5253					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	69.6962	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	0.0302	0.0198	0.2894	8.8000e-004	0.1118	6.2000e-004	0.1124	0.0296	5.7000e-004	0.0302		91.6661	91.6661	2.0900e-003	2.1400e-003	92.3560
Total	0.0302	0.0198	0.2894	8.8000e-004	0.1118	6.2000e-004	0.1124	0.0296	5.7000e-004	0.0302		91.6661	91.6661	2.0900e-003	2.1400e-003	92.3560

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**4.0 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	0.6801	0.8000	7.3314	0.0165	1.8072	0.0121	1.8193	0.4814	0.0113	0.4926		1,709,613 2	1,709,613 2	0.1117	0.0707	1,733,462 7
Unmitigated	0.6801	0.8000	7.3314	0.0165	1.8072	0.0121	1.8193	0.4814	0.0113	0.4926		1,709,613 2	1,709,613 2	0.1117	0.0707	1,733,462 7

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	8.47	1.92	0.61	20,664	20,664
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	193.92	193.92	193.92	831,069	831,069
Total	202.39	195.84	194.53	851,733	851,733

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
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

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

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.542464	0.063735	0.188241	0.126899	0.023249	0.006239	0.010717	0.008079	0.000923	0.000604	0.024795	0.000702	0.003352
Parking Lot	0.542464	0.063735	0.188241	0.126899	0.023249	0.006239	0.010717	0.008079	0.000923	0.000604	0.024795	0.000702	0.003352
Unrefrigerated Warehouse-No Rail	0.542464	0.063735	0.188241	0.126899	0.023249	0.006239	0.010717	0.008079	0.000923	0.000604	0.024795	0.000702	0.003352

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	3.1000e-003	0.0282	0.0237	1.7000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003		33.7835	33.7835	6.5000e-004	6.2000e-004	33.9842
NaturalGas Unmitigated	3.1000e-003	0.0282	0.0237	1.7000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003		33.7835	33.7835	6.5000e-004	6.2000e-004	33.9842

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					
General Office Building	24.5745	2.7000e-004	2.4100e-003	2.0200e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004		2.8911	2.8911	6.0000e-005	5.0000e-005	2.9083
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	262.585	2.8300e-003	0.0257	0.0216	1.5000e-004		1.9600e-003	1.9600e-003		1.9600e-003	1.9600e-003		30.8924	30.8924	5.9000e-004	5.7000e-004	31.0759
Total		3.1000e-003	0.0282	0.0236	1.6000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003		33.7835	33.7835	6.5000e-004	6.2000e-004	33.9842

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**5.2 Energy by Land Use - NaturalGas****Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	0.0245745	2.7000e-004	2.4100e-003	2.0200e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004		2.8911	2.8911	6.0000e-005	5.0000e-005	2.9083
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	0.262585	2.8300e-003	0.0257	0.0216	1.5000e-004		1.9600e-003	1.9600e-003		1.9600e-003	1.9600e-003		30.8924	30.8924	5.9000e-004	5.7000e-004	31.0759
Total		3.1000e-003	0.0282	0.0236	1.6000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003		33.7835	33.7835	6.5000e-004	6.2000e-004	33.9842

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 Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.5129	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Unmitigated	2.5129	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276

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	0.2857					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.2260					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.1100e-003	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Total	2.5129	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.2857					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	2.2260					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.1100e-003	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276
Total	2.5129	1.1000e-004	0.0121	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.0259	0.0259	7.0000e-005		0.0276

7.0 Water Detail**7.1 Mitigation Measures Water**

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

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**127 Concord Street (Glendale Self Storage)**

Los Angeles-South Coast County, Annual

1.0 Project Characteristics**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	111.45	1000sqft	0.34	111,446.00	0
Parking Lot	6.15	1000sqft	0.14	6,150.00	0
General Office Building	0.87	1000sqft	0.01	870.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	12	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 16,772 SF commercial building, Construct 5-story, 111,446 SF personal storage facility with a 869 SF of office, 13 unenclosed at-grade parking and 3 loading spaces. Site area spans 3 parcels and is 21,345 (0.49 AC) site.

Land Use - 3 Parcels Combined = 21,345 (0.49), 111,446 SF of self storage, 869 SF office, 6,150 SF of at-grade parking and loading.

Construction Phase - Excavate 13, 037 Cubic Yards of material to accomodate a two-level basement.

Grading - 13,037 CY of material cut (all export).

Demolition - demolition of a 16,772 SF one story commercial building

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	15.00

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

tblConstructionPhase	NumDays	100.00	217.00
tblConstructionPhase	NumDays	10.00	15.00
tblConstructionPhase	NumDays	2.00	23.00
tblConstructionPhase	NumDays	1.00	10.00
tblConstructionPhase	PhaseEndDate	7/3/2024	2/14/2025
tblConstructionPhase	PhaseEndDate	6/19/2024	1/17/2025
tblConstructionPhase	PhaseEndDate	1/26/2024	2/2/2024
tblConstructionPhase	PhaseEndDate	1/31/2024	3/20/2024
tblConstructionPhase	PhaseEndDate	6/26/2024	1/24/2025
tblConstructionPhase	PhaseEndDate	1/29/2024	2/16/2024
tblConstructionPhase	PhaseStartDate	6/27/2024	1/25/2025
tblConstructionPhase	PhaseStartDate	2/1/2024	3/21/2024
tblConstructionPhase	PhaseStartDate	1/30/2024	2/17/2024
tblConstructionPhase	PhaseStartDate	6/20/2024	1/18/2025
tblConstructionPhase	PhaseStartDate	1/27/2024	2/3/2024
tblGrading	AcresOfGrading	17.25	1.50
tblGrading	AcresOfGrading	5.00	0.50
tblGrading	MaterialExported	0.00	13,037.00
tblLandUse	LotAcreage	2.56	0.34
tblLandUse	LotAcreage	0.02	0.01

2.0 Emissions Summary

127 Concord Street (Glendale Self Storage) - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.0979	0.9981	1.0870	2.8000e-003	0.1469	0.0377	0.1846	0.0530	0.0348	0.0878	0.0000	258.1084	258.1084	0.0455	0.0139	263.3914
2025	0.5293	0.0624	0.0918	1.9000e-004	5.6500e-003	2.5500e-003	8.2100e-003	1.5200e-003	2.3900e-003	3.9100e-003	0.0000	16.7119	16.7119	3.0600e-003	4.0000e-004	16.9078
Maximum	0.5293	0.9981	1.0870	2.8000e-003	0.1469	0.0377	0.1846	0.0530	0.0348	0.0878	0.0000	258.1084	258.1084	0.0455	0.0139	263.3914

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	0.0979	0.9981	1.0870	2.8000e-003	0.1469	0.0377	0.1846	0.0530	0.0348	0.0878	0.0000	258.1082	258.1082	0.0455	0.0139	263.3913
2025	0.5293	0.0624	0.0918	1.9000e-004	5.6500e-003	2.5500e-003	8.2100e-003	1.5200e-003	2.3900e-003	3.9100e-003	0.0000	16.7119	16.7119	3.0600e-003	4.0000e-004	16.9078
Maximum	0.5293	0.9981	1.0870	2.8000e-003	0.1469	0.0377	0.1846	0.0530	0.0348	0.0878	0.0000	258.1082	258.1082	0.0455	0.0139	263.3913

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.02	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	1-15-2024	4-14-2024	0.3867	0.3867
2	4-15-2024	7-14-2024	0.2460	0.2460
3	7-15-2024	10-14-2024	0.2490	0.2490
4	10-15-2024	1-14-2025	0.2477	0.2477
5	1-15-2025	4-14-2025	0.5534	0.5534
		Highest	0.5534	0.5534

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	0.4585	1.0000e-005	1.5100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	2.9400e-003	2.9400e-003	1.0000e-005	0.0000	3.1300e-003
Energy	5.7000e-004	5.1400e-003	4.3200e-003	3.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	194.9335	194.9335	6.6900e-003	9.0000e-004	195.3691
Mobile	0.1209	0.1467	1.3375	3.0100e-003	0.3200	2.1800e-003	0.3222	0.0854	2.0300e-003	0.0874	0.0000	283.0905	283.0905	0.0182	0.0117	287.0193
Waste						0.0000	0.0000		0.0000	0.0000	21.4298	0.0000	21.4298	1.2665	0.0000	53.0913
Water						0.0000	0.0000		0.0000	0.0000	8.2256	145.7737	153.9993	0.8499	0.0206	181.3750
Total	0.5800	0.1518	1.3433	3.0400e-003	0.3200	2.5800e-003	0.3226	0.0854	2.4300e-003	0.0878	29.6553	623.8006	653.4559	2.1413	0.0331	716.8578

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.4585	1.0000e-005	1.5100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	2.9400e-003	2.9400e-003	1.0000e-005	0.0000	3.1300e-003
Energy	5.7000e-004	5.1400e-003	4.3200e-003	3.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	194.9335	194.9335	6.6900e-003	9.0000e-004	195.3691
Mobile	0.1209	0.1467	1.3375	3.0100e-003	0.3200	2.1800e-003	0.3222	0.0854	2.0300e-003	0.0874	0.0000	283.0905	283.0905	0.0182	0.0117	287.0193
Waste						0.0000	0.0000		0.0000	0.0000	21.4298	0.0000	21.4298	1.2665	0.0000	53.0913
Water						0.0000	0.0000		0.0000	0.0000	8.2256	145.7737	153.9993	0.8499	0.0206	181.3750
Total	0.5800	0.1518	1.3433	3.0400e-003	0.3200	2.5800e-003	0.3226	0.0854	2.4300e-003	0.0878	29.6553	623.8006	653.4559	2.1413	0.0331	716.8578

	ROG	NOx	CO	SO2	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	1/15/2024	2/2/2024	5	15	
2	Site Preparation	Site Preparation	2/3/2024	2/16/2024	5	10	
3	Grading	Grading	2/17/2024	3/20/2024	5	23	

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

4	Building Construction	Building Construction	3/21/2024	1/17/2025	5	217
5	Paving	Paving	1/18/2025	1/24/2025	5	5
6	Architectural Coating	Architectural Coating	1/25/2025	2/14/2025	5	15

Acres of Grading (Site Preparation Phase): 0.5**Acres of Grading (Grading Phase): 1.5****Acres of Paving: 0.14****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 168,474; Non-Residential Outdoor: 56,158; Striped Parking Area: 369 (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 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	76.00	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	1,630.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	50.00	19.00	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	10.00	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					8.2500e-003	0.0000	8.2500e-003	1.2500e-003	0.0000	1.2500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.6200e-003	0.0411	0.0555	9.0000e-005		1.8800e-003	1.8800e-003		1.7900e-003	1.7900e-003	0.0000	7.8155	7.8155	1.4200e-003	0.0000	7.8509
Total	4.6200e-003	0.0411	0.0555	9.0000e-005	8.2500e-003	1.8800e-003	0.0101	1.2500e-003	1.7900e-003	3.0400e-003	0.0000	7.8155	7.8155	1.4200e-003	0.0000	7.8509

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	8.0000e-005	5.2400e-003	1.3500e-003	2.0000e-005	6.5000e-004	3.0000e-005	6.9000e-004	1.8000e-004	3.0000e-005	2.1000e-004	0.0000	2.1851	2.1851	1.2000e-004	3.5000e-004	2.2916
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-004	1.7000e-004	2.3900e-003	1.0000e-005	8.2000e-004	0.0000	8.3000e-004	2.2000e-004	0.0000	2.2000e-004	0.0000	0.6488	0.6488	2.0000e-005	2.0000e-005	0.6539
Total	3.0000e-004	5.4100e-003	3.7400e-003	3.0000e-005	1.4700e-003	3.0000e-005	1.5200e-003	4.0000e-004	3.0000e-005	4.3000e-004	0.0000	2.8338	2.8338	1.4000e-004	3.7000e-004	2.9455

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					8.2500e-003	0.0000	8.2500e-003	1.2500e-003	0.0000	1.2500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.6200e-003	0.0411	0.0555	9.0000e-005		1.8800e-003	1.8800e-003		1.7900e-003	1.7900e-003	0.0000	7.8155	7.8155	1.4200e-003	0.0000	7.8509
Total	4.6200e-003	0.0411	0.0555	9.0000e-005	8.2500e-003	1.8800e-003	0.0101	1.2500e-003	1.7900e-003	3.0400e-003	0.0000	7.8155	7.8155	1.4200e-003	0.0000	7.8509

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	8.0000e-005	5.2400e-003	1.3500e-003	2.0000e-005	6.5000e-004	3.0000e-005	6.9000e-004	1.8000e-004	3.0000e-005	2.1000e-004	0.0000	2.1851	2.1851	1.2000e-004	3.5000e-004	2.2916
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-004	1.7000e-004	2.3900e-003	1.0000e-005	8.2000e-004	0.0000	8.3000e-004	2.2000e-004	0.0000	2.2000e-004	0.0000	0.6488	0.6488	2.0000e-005	2.0000e-005	0.6539
Total	3.0000e-004	5.4100e-003	3.7400e-003	3.0000e-005	1.4700e-003	3.0000e-005	1.5200e-003	4.0000e-004	3.0000e-005	4.3000e-004	0.0000	2.8338	2.8338	1.4000e-004	3.7000e-004	2.9455

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	2.4900e-003	0.0280	0.0195	5.0000e-005		1.0100e-003	1.0100e-003		9.3000e-004	9.3000e-004	0.0000	4.2741	4.2741	1.3800e-003	0.0000	4.3086
Total	2.4900e-003	0.0280	0.0195	5.0000e-005	2.7000e-004	1.0100e-003	1.2800e-003	3.0000e-005	9.3000e-004	9.6000e-004	0.0000	4.2741	4.2741	1.3800e-003	0.0000	4.3086

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	7.0000e-005	6.0000e-005	8.0000e-004	0.0000	2.7000e-004	0.0000	2.8000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2163	0.2163	1.0000e-005	1.0000e-005	0.2180
Total	7.0000e-005	6.0000e-005	8.0000e-004	0.0000	2.7000e-004	0.0000	2.8000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2163	0.2163	1.0000e-005	1.0000e-005	0.2180

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	2.4900e-003	0.0280	0.0195	5.0000e-005		1.0100e-003	1.0100e-003		9.3000e-004	9.3000e-004	0.0000	4.2741	4.2741	1.3800e-003	0.0000	4.3086
Total	2.4900e-003	0.0280	0.0195	5.0000e-005	2.7000e-004	1.0100e-003	1.2800e-003	3.0000e-005	9.3000e-004	9.6000e-004	0.0000	4.2741	4.2741	1.3800e-003	0.0000	4.3086

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	7.0000e-005	6.0000e-005	8.0000e-004	0.0000	2.7000e-004	0.0000	2.8000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2163	0.2163	1.0000e-005	1.0000e-005	0.2180
Total	7.0000e-005	6.0000e-005	8.0000e-004	0.0000	2.7000e-004	0.0000	2.8000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2163	0.2163	1.0000e-005	1.0000e-005	0.2180

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					0.0535	0.0000	0.0535	0.0288	0.0000	0.0288	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0105	0.1119	0.0638	1.6000e-004		4.6000e-003	4.6000e-003		4.2300e-003	4.2300e-003	0.0000	14.2370	14.2370	4.6000e-003	0.0000	14.3521
Total	0.0105	0.1119	0.0638	1.6000e-004	0.0535	4.6000e-003	0.0581	0.0288	4.2300e-003	0.0330	0.0000	14.2370	14.2370	4.6000e-003	0.0000	14.3521

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	1.7100e-003	0.1124	0.0290	4.7000e-004	0.0140	6.8000e-004	0.0147	3.8500e-003	6.5000e-004	4.5000e-003	0.0000	46.8636	46.8636	2.6400e-003	7.4400e-003	49.1482
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7000e-004	2.1000e-004	2.9300e-003	1.0000e-005	1.0100e-003	1.0000e-005	1.0100e-003	2.7000e-004	1.0000e-005	2.7000e-004	0.0000	0.7958	0.7958	2.0000e-005	2.0000e-005	0.8021
Total	1.9800e-003	0.1126	0.0320	4.8000e-004	0.0150	6.9000e-004	0.0157	4.1200e-003	6.6000e-004	4.7700e-003	0.0000	47.6594	47.6594	2.6600e-003	7.4600e-003	49.9503

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					0.0535	0.0000	0.0535	0.0288	0.0000	0.0288	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0105	0.1119	0.0638	1.6000e-004		4.6000e-003	4.6000e-003		4.2300e-003	4.2300e-003	0.0000	14.2370	14.2370	4.6000e-003	0.0000	14.3521
Total	0.0105	0.1119	0.0638	1.6000e-004	0.0535	4.6000e-003	0.0581	0.0288	4.2300e-003	0.0330	0.0000	14.2370	14.2370	4.6000e-003	0.0000	14.3521

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	1.7100e-003	0.1124	0.0290	4.7000e-004	0.0140	6.8000e-004	0.0147	3.8500e-003	6.5000e-004	4.5000e-003	0.0000	46.8636	46.8636	2.6400e-003	7.4400e-003	49.1482
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.7000e-004	2.1000e-004	2.9300e-003	1.0000e-005	1.0100e-003	1.0000e-005	1.0100e-003	2.7000e-004	1.0000e-005	2.7000e-004	0.0000	0.7958	0.7958	2.0000e-005	2.0000e-005	0.8021
Total	1.9800e-003	0.1126	0.0320	4.8000e-004	0.0150	6.9000e-004	0.0157	4.1200e-003	6.6000e-004	4.7700e-003	0.0000	47.6594	47.6594	2.6600e-003	7.4600e-003	49.9503

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	0.0607	0.6093	0.7209	1.1600e-003		0.0288	0.0288		0.0265	0.0265	0.0000	102.2473	102.2473	0.0331	0.0000	103.0740
Total	0.0607	0.6093	0.7209	1.1600e-003		0.0288	0.0288		0.0265	0.0265	0.0000	102.2473	102.2473	0.0331	0.0000	103.0740

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	2.1200e-003	0.0783	0.0286	3.6000e-004	0.0122	3.8000e-004	0.0126	3.5300e-003	3.6000e-004	3.8900e-003	0.0000	34.7085	34.7085	1.1800e-003	5.0000e-003	36.2280
Worker	0.0151	0.0115	0.1623	4.7000e-004	0.0559	3.3000e-004	0.0562	0.0148	3.0000e-004	0.0152	0.0000	44.1165	44.1165	1.0700e-003	1.0800e-003	44.4641
Total	0.0172	0.0897	0.1909	8.3000e-004	0.0681	7.1000e-004	0.0688	0.0184	6.6000e-004	0.0190	0.0000	78.8250	78.8250	2.2500e-003	6.0800e-003	80.6921

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	0.0607	0.6093	0.7209	1.1600e-003		0.0288	0.0288		0.0265	0.0265	0.0000	102.2471	102.2471	0.0331	0.0000	103.0739
Total	0.0607	0.6093	0.7209	1.1600e-003		0.0288	0.0288		0.0265	0.0265	0.0000	102.2471	102.2471	0.0331	0.0000	103.0739

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	2.1200e-003	0.0783	0.0286	3.6000e-004	0.0122	3.8000e-004	0.0126	3.5300e-003	3.6000e-004	3.8900e-003	0.0000	34.7085	34.7085	1.1800e-003	5.0000e-003	36.2280
Worker	0.0151	0.0115	0.1623	4.7000e-004	0.0559	3.3000e-004	0.0562	0.0148	3.0000e-004	0.0152	0.0000	44.1165	44.1165	1.0700e-003	1.0800e-003	44.4641
Total	0.0172	0.0897	0.1909	8.3000e-004	0.0681	7.1000e-004	0.0688	0.0184	6.6000e-004	0.0190	0.0000	78.8250	78.8250	2.2500e-003	6.0800e-003	80.6921

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	3.5800e-003	0.0356	0.0457	7.0000e-005		1.5700e-003	1.5700e-003		1.4400e-003	1.4400e-003	0.0000	6.5192	6.5192	2.1100e-003	0.0000	6.5719
Total	3.5800e-003	0.0356	0.0457	7.0000e-005		1.5700e-003	1.5700e-003		1.4400e-003	1.4400e-003	0.0000	6.5192	6.5192	2.1100e-003	0.0000	6.5719

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	1.3000e-004	4.9600e-003	1.7900e-003	2.0000e-005	7.8000e-004	2.0000e-005	8.0000e-004	2.2000e-004	2.0000e-005	2.5000e-004	0.0000	2.1720	2.1720	8.0000e-005	3.1000e-004	2.2672
Worker	9.0000e-004	6.6000e-004	9.6400e-003	3.0000e-005	3.5600e-003	2.0000e-005	3.5800e-003	9.5000e-004	2.0000e-005	9.6000e-004	0.0000	2.7428	2.7428	6.0000e-005	6.0000e-005	2.7634
Total	1.0300e-003	5.6200e-003	0.0114	5.0000e-005	4.3400e-003	4.0000e-005	4.3800e-003	1.1700e-003	4.0000e-005	1.2100e-003	0.0000	4.9148	4.9148	1.4000e-004	3.7000e-004	5.0306

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	3.5800e-003	0.0356	0.0457	7.0000e-005		1.5700e-003	1.5700e-003		1.4400e-003	1.4400e-003	0.0000	6.5192	6.5192	2.1100e-003	0.0000	6.5719
Total	3.5800e-003	0.0356	0.0457	7.0000e-005		1.5700e-003	1.5700e-003		1.4400e-003	1.4400e-003	0.0000	6.5192	6.5192	2.1100e-003	0.0000	6.5719

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	1.3000e-004	4.9600e-003	1.7900e-003	2.0000e-005	7.8000e-004	2.0000e-005	8.0000e-004	2.2000e-004	2.0000e-005	2.5000e-004	0.0000	2.1720	2.1720	8.0000e-005	3.1000e-004	2.2672
Worker	9.0000e-004	6.6000e-004	9.6400e-003	3.0000e-005	3.5600e-003	2.0000e-005	3.5800e-003	9.5000e-004	2.0000e-005	9.6000e-004	0.0000	2.7428	2.7428	6.0000e-005	6.0000e-005	2.7634
Total	1.0300e-003	5.6200e-003	0.0114	5.0000e-005	4.3400e-003	4.0000e-005	4.3800e-003	1.1700e-003	4.0000e-005	1.2100e-003	0.0000	4.9148	4.9148	1.4000e-004	3.7000e-004	5.0306

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.4100e-003	0.0123	0.0176	3.0000e-005		5.5000e-004	5.5000e-004		5.1000e-004	5.1000e-004	0.0000	2.3502	2.3502	6.8000e-004	0.0000	2.3673
Paving	1.8000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.5900e-003	0.0123	0.0176	3.0000e-005		5.5000e-004	5.5000e-004		5.1000e-004	5.1000e-004	0.0000	2.3502	2.3502	6.8000e-004	0.0000	2.3673

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.6 Paving - 2025****Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-004	9.0000e-005	1.3400e-003	0.0000	4.9000e-004	0.0000	5.0000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.3798	0.3798	1.0000e-005	1.0000e-005	0.3826
Total	1.2000e-004	9.0000e-005	1.3400e-003	0.0000	4.9000e-004	0.0000	5.0000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.3798	0.3798	1.0000e-005	1.0000e-005	0.3826

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	1.4100e-003	0.0123	0.0176	3.0000e-005		5.5000e-004	5.5000e-004		5.1000e-004	5.1000e-004	0.0000	2.3502	2.3502	6.8000e-004	0.0000	2.3673
Paving	1.8000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.5900e-003	0.0123	0.0176	3.0000e-005		5.5000e-004	5.5000e-004		5.1000e-004	5.1000e-004	0.0000	2.3502	2.3502	6.8000e-004	0.0000	2.3673

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.6 Paving - 2025****Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-004	9.0000e-005	1.3400e-003	0.0000	4.9000e-004	0.0000	5.0000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.3798	0.3798	1.0000e-005	1.0000e-005	0.3826
Total	1.2000e-004	9.0000e-005	1.3400e-003	0.0000	4.9000e-004	0.0000	5.0000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.3798	0.3798	1.0000e-005	1.0000e-005	0.3826

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

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5214					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2800e-003	8.5900e-003	0.0136	2.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	1.9149	1.9149	1.0000e-004	0.0000	1.9176
Total	0.5227	8.5900e-003	0.0136	2.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	1.9149	1.9149	1.0000e-004	0.0000	1.9176

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1000e-004	1.5000e-004	2.2300e-003	1.0000e-005	8.2000e-004	0.0000	8.3000e-004	2.2000e-004	0.0000	2.2000e-004	0.0000	0.6330	0.6330	1.0000e-005	1.0000e-005	0.6377
Total	2.1000e-004	1.5000e-004	2.2300e-003	1.0000e-005	8.2000e-004	0.0000	8.3000e-004	2.2000e-004	0.0000	2.2000e-004	0.0000	0.6330	0.6330	1.0000e-005	1.0000e-005	0.6377

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	0.5214					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2800e-003	8.5900e-003	0.0136	2.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	1.9149	1.9149	1.0000e-004	0.0000	1.9176
Total	0.5227	8.5900e-003	0.0136	2.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	1.9149	1.9149	1.0000e-004	0.0000	1.9176

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**3.7 Architectural Coating - 2025****Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1000e-004	1.5000e-004	2.2300e-003	1.0000e-005	8.2000e-004	0.0000	8.3000e-004	2.2000e-004	0.0000	2.2000e-004	0.0000	0.6330	0.6330	1.0000e-005	1.0000e-005	0.6377
Total	2.1000e-004	1.5000e-004	2.2300e-003	1.0000e-005	8.2000e-004	0.0000	8.3000e-004	2.2000e-004	0.0000	2.2000e-004	0.0000	0.6330	0.6330	1.0000e-005	1.0000e-005	0.6377

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 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	0.1209	0.1467	1.3375	3.0100e-003	0.3200	2.1800e-003	0.3222	0.0854	2.0300e-003	0.0874	0.0000	283.0905	283.0905	0.0182	0.0117	287.0193
Unmitigated	0.1209	0.1467	1.3375	3.0100e-003	0.3200	2.1800e-003	0.3222	0.0854	2.0300e-003	0.0874	0.0000	283.0905	283.0905	0.0182	0.0117	287.0193

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	8.47	1.92	0.61	20,664	20,664
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	193.92	193.92	193.92	831,069	831,069
Total	202.39	195.84	194.53	851,733	851,733

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
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.542464	0.063735	0.188241	0.126899	0.023249	0.006239	0.010717	0.008079	0.000923	0.000604	0.024795	0.000702	0.003352
Parking Lot	0.542464	0.063735	0.188241	0.126899	0.023249	0.006239	0.010717	0.008079	0.000923	0.000604	0.024795	0.000702	0.003352

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

Unrefrigerated Warehouse-No Rail	0.542464	0.063735	0.188241	0.126899	0.023249	0.006239	0.010717	0.008079	0.000923	0.000604	0.024795	0.000702	0.003352
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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	189.3402	189.3402	6.5800e-003	8.0000e-004	189.7427
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	189.3402	189.3402	6.5800e-003	8.0000e-004	189.7427
NaturalGas Mitigated	5.7000e-004	5.1400e-003	4.3200e-003	3.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	5.5932	5.5932	1.1000e-004	1.0000e-004	5.6265
NaturalGas Unmitigated	5.7000e-004	5.1400e-003	4.3200e-003	3.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	5.5932	5.5932	1.1000e-004	1.0000e-004	5.6265

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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					
General Office Building	8969.7	5.0000e-005	4.4000e-004	3.7000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.4787	0.4787	1.0000e-005	1.0000e-005	0.4815
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	95843.6	5.2000e-004	4.7000e-003	3.9500e-003	3.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004	0.0000	5.1146	5.1146	1.0000e-004	9.0000e-005	5.1450
Total		5.7000e-004	5.1400e-003	4.3200e-003	3.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	5.5932	5.5932	1.1000e-004	1.0000e-004	5.6265

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**5.2 Energy by Land Use - NaturalGas****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					
General Office Building	8969.7	5.0000e-005	4.4000e-004	3.7000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.4787	0.4787	1.0000e-005	1.0000e-005	0.4815
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	95843.6	5.2000e-004	4.7000e-003	3.9500e-003	3.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004	0.0000	5.1146	5.1146	1.0000e-004	9.0000e-005	5.1450
Total		5.7000e-004	5.1400e-003	4.3200e-003	3.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	5.5932	5.5932	1.1000e-004	1.0000e-004	5.6265

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**5.3 Energy by Land Use - Electricity****Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	10875	4.6811	1.6000e-004	2.0000e-005	4.6911
Parking Lot	2152.5	0.9265	3.0000e-005	0.0000	0.9285
Unrefrigerated Warehouse-No Rail	426838	183.7325	6.3900e-003	7.7000e-004	184.1230
Total		189.3402	6.5800e-003	7.9000e-004	189.7426

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**5.3 Energy by Land Use - Electricity****Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	10875	4.6811	1.6000e-004	2.0000e-005	4.6911
Parking Lot	2152.5	0.9265	3.0000e-005	0.0000	0.9285
Unrefrigerated Warehouse-No Rail	426838	183.7325	6.3900e-003	7.7000e-004	184.1230
Total		189.3402	6.5800e-003	7.9000e-004	189.7426

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 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	0.4585	1.0000e-005	1.5100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	2.9400e-003	2.9400e-003	1.0000e-005	0.0000	3.1300e-003
Unmitigated	0.4585	1.0000e-005	1.5100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	2.9400e-003	2.9400e-003	1.0000e-005	0.0000	3.1300e-003

6.2 Area by SubCategory**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0521					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4063					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.4000e-004	1.0000e-005	1.5100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	2.9400e-003	2.9400e-003	1.0000e-005	0.0000	3.1300e-003
Total	0.4585	1.0000e-005	1.5100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	2.9400e-003	2.9400e-003	1.0000e-005	0.0000	3.1300e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule 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	0.0521					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4063					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.4000e-004	1.0000e-005	1.5100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	2.9400e-003	2.9400e-003	1.0000e-005	0.0000	3.1300e-003
Total	0.4585	1.0000e-005	1.5100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	2.9400e-003	2.9400e-003	1.0000e-005	0.0000	3.1300e-003

7.0 Water Detail**7.1 Mitigation Measures Water**

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	153.9993	0.8499	0.0206	181.3750
Unmitigated	153.9993	0.8499	0.0206	181.3750

7.2 Water by Land Use**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	0.154628 / 0.0947722	1.3690	5.0800e-003	1.2000e-004	1.5332
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	25.7728 / 0	152.6303	0.8448	0.0204	179.8418
Total		153.9993	0.8499	0.0206	181.3750

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**7.2 Water by Land Use****Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	0.154628 / 0.0947722	1.3690	5.0800e-003	1.2000e-004	1.5332
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	25.7728 / 0	152.6303	0.8448	0.0204	179.8418
Total		153.9993	0.8499	0.0206	181.3750

8.0 Waste Detail

8.1 Mitigation Measures Waste

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

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	21.4298	1.2665	0.0000	53.0913
Unmitigated	21.4298	1.2665	0.0000	53.0913

8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	0.81	0.1644	9.7200e-003	0.0000	0.4074
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	104.76	21.2653	1.2568	0.0000	52.6840
Total		21.4298	1.2665	0.0000	53.0913

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**8.2 Waste by Land Use****Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	0.81	0.1644	9.7200e-003	0.0000	0.4074
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	104.76	21.2653	1.2568	0.0000	52.6840
Total		21.4298	1.2665	0.0000	53.0913

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

11.0 Vegetation
