

Class 32 Categorical Exemption Findings
520 and 534 North Glendale Avenue, Glendale, CA 91206

“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 proposal is to construct a new 3-story, 90-unit (114 beds), 85,505 square-foot medical residential congregate facility with a one-level subterranean parking garage (51 parking spaces), identified as “Project”. The Project site is 1.28 acres (55,844 SF) in C2-I (Community Commercial-Height District I) zone. The proposed Project would demolish the existing one-story commercial building (retail store) and a parking lot.

CEQA REVIEW: The proposed commercial Project, located at 520 and 534 North Glendale Avenue is exempt from CEQA as a Class 32 “In-fill Development Projects” exemption, pursuant to CEQA Guidelines (14 Cal. Code Regs. § 15332).

CCR § 15332. In-fill Development Projects Exemption

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

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

The proposed medical residential congregate facility will be consistent with the various elements and objectives of the General Plan. The Land Use Element of the General Plan designates the Project site as Community Services. Community facilities including medical residential congregate living facility, generally offer a complementary element to surrounding area, consistent with the Project’s land use designation. Medical residential congregate living facilities are permitted by right in the C2 (Community Commercial) zone. All other elements of the General Plan will not be impacted as a result of the Project. The Project site has not been slated for open space or recreation,

and will operate in compliance with the Noise Element thresholds. The Circulation Element identifies Glendale Avenue as Major Arterial and Doran Street as Urban Collector. These streets are fully developed and can adequately handle the traffic circulation around the site. Vehicular access to the site will be from a new driveway entrance from Doran Street. 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. As proposed, the Project is estimated to generate less than 50 net peak-hour trips; therefore, a local transportation analysis will not be required. The Project complies with the applicable zoning designation and regulations and no variances are required.

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

The Project site is 55,844 square feet, which is 1.28 acre, and complies with the site size criteria. Located in the Community Commercial Zone, the Project site is entirely within the City of Glendale and substantially surrounded by urban uses and within city limits.

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

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

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

Traffic

The Project site is served by two streets: Glendale Avenue and Doran Street. The City's Traffic Engineer reviewed the proposed Project and commented that the proposed 90-unit, 114-bed medical residential congregate living facility is estimated to generate less than 50 net peak-hour daily trips. A Construction Traffic Control Plan will be required to be submitted to the City's Public Works Department for review and approval prior to Project construction. The plan shall identify all traffic control measures, signs, and delineators to be implemented by the construction contractor through the duration of demolition and construction. The plan shall also identify contractor information, hours of construction, construction worker parking information, as well as the proposed haul route. Therefore, no significant impacts are anticipated.

Additionally, 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; this should be based on the proposed Project's total uses without taking a credit for existing uses. As proposed, the Project 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 and the Project would have a less-than-significant VMT impact

Noise

The Project involves the demolition of an existing 17,794 square-foot retail store and parking lot to construct a new 3-story, 90-unit, 85,505 square-foot medical residential congregate facility with a one-level subterranean parking garage (51 parking spaces) on a 55,844 square-foot site, bordered by Glendale Avenue to the west, Doran Street to the south, a surface parking lot to the north, and two- and three-story residential buildings directly to the east. As mentioned above, the proposed use as medical residential congregate facility is permitted by right on the subject property zoned C2, and complies with the Land Use Element of the General Plan. As shown in the City's Noise Element, the Project site is located within the 70 dB and over noise contour. The proposed Project would be constructed to reduce interior noise to acceptable levels as required by the building code, and the Project is not anticipated to generate noise in excess of limits contained in the Noise Element. Construction associated with the Project will be required to comply with the City of Glendale Noise Ordinance (GMC Chapter 8.36), which prohibits construction activities between the hours of 7:00 PM on one day and 7:00 AM of the next day or from 7:00 PM on Saturday to 7:00 AM on Monday or from 7:00 PM preceding a holiday. Compliance with the City's noise ordinance would ensure that noise impacts will be less than significant.

Air Quality

Staff used the California Emissions Estimator Model (CalEEMod Version 2016.3.2) to estimate air quality impacts during the construction and operation stages of the Project (attached hereto as Exhibit "A"). Results from the model indicate that the proposed Project would not exceed thresholds for construction, area, or operational impacts. No impacts would occur. Based on the model run, construction and operation of the Project would not exceed the SCAQMD thresholds of significance.

Water Quality

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

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

The Project site is an infill parcel that is currently developed with a one-story commercial building and a parking lot, and surrounded by commercial and residential developments. The site is located in an urbanized area and can be adequately served by existing public facilities.

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

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

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

Exceptions to Categorical Exemptions (CEQA Guidelines Section 15300.2)

Proposed Findings

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

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

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

There is not a succession of known project 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 Medical Residential Congregate Living 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 is located on the northeast corner of Glendale Avenue and Doran Street, in an urban environment with similar and complimentary uses in the immediate Project vicinity. The site consists of nine (9) lots with flat topography. The Project site currently features a 17,794 square-foot one-story retail store and a parking lot, originally constructed in 1972, which are proposed to be demolished. The property is zoned C2-I (Community Commercial-Height District I), and the proposed commercial development is permitted in this zone. Furthermore, the Project complies with the zoning standards and C2-I zoning requirements in terms of floor area, setbacks, height, landscaping, parking, etc. As indicated in the City's Safety Element, the Project site is not within a liquefaction zone, landslide hazard zone, dam inundation zone, fault hazard zone or fire hazard zone.

- 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, and is bordered by the 134 Freeway to the north, Glendale Avenue to the west, Verdugo Road to the east, and Lexington Drive to the south. The Project site is surrounded by existing urban uses, including commercial and multifamily residential buildings. According to information on the California Department of Transportation's State Scenic Highway Program, there are no state scenic highways in the vicinity of the Project Site.

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

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

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

The Project site at 520 and 534 North Glendale Avenue is not listed on the National Register of Historic Places, California Register of Historical Resources, or Glendale Register of Historic Resources, and has not been identified as a historic resource in any survey. The Project site is therefore not a historic resource under CEQA.

520 North Glendale (Sunrise) - South Coast AQMD Air District, Annual

520 North Glendale (Sunrise)
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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Congregate Care (Assisted Living)	90.00	Dwelling Unit	0.64	28,245.00	257
Enclosed Parking with Elevator	32.13	1000sqft	0.65	28,244.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	12			Operational Year	2023
Utility Company	Glendale Water & Power				
CO2 Intensity (lb/MW hr)	1115.33	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - new 90-unit assisted living facility, 3-stories (34' height), with a 53 spaces 1-level subterranean garage. 1.31 acres site. The 17,794 SF, 1-story buildings to be removed are commercial/retail with total of 41, 676 SF.

Land Use - 56,489 SF parcel, 85,505 SF, 90 unit, Residential Congregate Living w/ 32,130 SF, 1-level sub garage.

Grading -

Demolition -

Energy Use -

Construction Phase - Grading and site preparation will occur over a two week period.

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Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	27.00
tblConstructionPhase	NumDays	200.00	274.00
tblConstructionPhase	NumDays	4.00	11.00
tblConstructionPhase	NumDays	10.00	15.00
tblConstructionPhase	NumDays	2.00	5.00
tblConstructionPhase	PhaseEndDate	7/3/2023	11/28/2023
tblConstructionPhase	PhaseEndDate	6/5/2023	9/29/2023
tblConstructionPhase	PhaseEndDate	8/29/2022	9/12/2022
tblConstructionPhase	PhaseEndDate	6/19/2023	10/20/2023
tblConstructionPhase	PhaseEndDate	8/23/2022	8/26/2022
tblConstructionPhase	PhaseStartDate	6/20/2023	10/21/2023
tblConstructionPhase	PhaseStartDate	8/30/2022	9/13/2022
tblConstructionPhase	PhaseStartDate	8/24/2022	8/27/2022
tblConstructionPhase	PhaseStartDate	6/6/2023	9/30/2023
tblGrading	AcresOfGrading	4.13	1.50
tblGrading	AcresOfGrading	2.50	1.00
tblGrading	MaterialExported	0.00	15,500.00
tblLandUse	LandUseSquareFeet	90,000.00	28,245.00
tblLandUse	LandUseSquareFeet	32,130.00	28,244.00
tblLandUse	LotAcreage	5.63	0.64
tblLandUse	LotAcreage	0.74	0.65

2.0 Emissions Summary

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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					
2022	0.1124	1.0653	0.8644	2.4600e-003	0.1053	0.0371	0.1424	0.0377	0.0353	0.0730	0.0000	221.0686	221.0686	0.0279	0.0000	221.7667
2023	0.2797	1.3200	1.5794	3.3900e-003	0.0943	0.0542	0.1484	0.0252	0.0522	0.0774	0.0000	290.6274	290.6274	0.0365	0.0000	291.5390
Maximum	0.2797	1.3200	1.5794	3.3900e-003	0.1053	0.0542	0.1484	0.0377	0.0522	0.0774	0.0000	290.6274	290.6274	0.0365	0.0000	291.5390

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					
2022	0.1124	1.0652	0.8644	2.4600e-003	0.1053	0.0371	0.1424	0.0377	0.0353	0.0730	0.0000	221.0685	221.0685	0.0279	0.0000	221.7666
2023	0.2797	1.3200	1.5794	3.3900e-003	0.0943	0.0542	0.1484	0.0252	0.0522	0.0774	0.0000	290.6272	290.6272	0.0365	0.0000	291.5388
Maximum	0.2797	1.3200	1.5794	3.3900e-003	0.1053	0.0542	0.1484	0.0377	0.0522	0.0774	0.0000	290.6272	290.6272	0.0365	0.0000	291.5388

[illegible]

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	7-25-2022	10-24-2022	0.7967	0.7967
2	10-25-2022	1-24-2023	0.5146	0.5146
3	1-25-2023	4-24-2023	0.4727	0.4727
4	4-25-2023	7-24-2023	0.4770	0.4770
5	7-25-2023	9-30-2023	0.3537	0.3537
		Highest	0.7967	0.7967

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	0.4359	0.0341	1.5009	1.5100e-003		0.0911	0.0911		0.0911	0.0911	9.5597	19.8874	29.4471	0.0300	6.5000e-004	30.3897
Energy	5.3300e-003	0.0455	0.0194	2.9000e-004		3.6800e-003	3.6800e-003		3.6800e-003	3.6800e-003	0.0000	321.0254	321.0254	7.9900e-003	2.4100e-003	321.9432
Mobile	0.0634	0.3102	0.8797	3.5200e-003	0.3062	2.4900e-003	0.3087	0.0820	2.3200e-003	0.0844	0.0000	325.9479	325.9479	0.0147	0.0000	326.3144
Waste						0.0000	0.0000		0.0000	0.0000	16.6717	0.0000	16.6717	0.9853	0.0000	41.3033
Water						0.0000	0.0000		0.0000	0.0000	1.8603	59.4057	61.2661	0.1926	4.8300e-003	67.5212
Total	0.5047	0.3898	2.4000	5.3200e-003	0.3062	0.0973	0.4034	0.0820	0.0971	0.1791	28.0917	726.2664	754.3581	1.2305	7.8900e-003	787.4718

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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	0.4359	0.0341	1.5009	1.5100e-003		0.0911	0.0911		0.0911	0.0911	9.5597	19.8874	29.4471	0.0300	6.5000e-004	30.3897
Energy	5.3300e-003	0.0455	0.0194	2.9000e-004		3.6800e-003	3.6800e-003		3.6800e-003	3.6800e-003	0.0000	321.0254	321.0254	7.9900e-003	2.4100e-003	321.9432
Mobile	0.0634	0.3102	0.8797	3.5200e-003	0.3062	2.4900e-003	0.3087	0.0820	2.3200e-003	0.0844	0.0000	325.9479	325.9479	0.0147	0.0000	326.3144
Waste						0.0000	0.0000		0.0000	0.0000	16.6717	0.0000	16.6717	0.9853	0.0000	41.3033
Water						0.0000	0.0000		0.0000	0.0000	1.8603	59.4057	61.2661	0.1926	4.8300e-003	67.5212
Total	0.5047	0.3898	2.4000	5.3200e-003	0.3062	0.0973	0.4034	0.0820	0.0971	0.1791	28.0917	726.2664	754.3581	1.2305	7.8900e-003	787.4718

	ROG	NOx	CO	SO2	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**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/25/2022	8/19/2022	5	20	
2	Site Preparation	Site Preparation	8/20/2022	8/26/2022	5	5	
3	Grading	Grading	8/27/2022	9/12/2022	5	11	
4	Building Construction	Building Construction	9/13/2022	9/29/2023	5	274	
5	Paving	Paving	9/30/2023	10/20/2023	5	15	
6	Architectural Coating	Architectural Coating	10/21/2023	11/28/2023	5	27	

Acres of Grading (Site Preparation Phase): 1

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 0.65

Residential Indoor: 57,196; Residential Outdoor: 19,065; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 1,695 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	6.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Paving	Paving Equipment	1	8.00	132	0.36
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Building Construction	Welders	3	8.00	46	0.45

Trips and VMT

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	81.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	1,938.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	77.00	14.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					8.7600e-003	0.0000	8.7600e-003	1.3300e-003	0.0000	1.3300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0169	0.1662	0.1396	2.4000e-004		8.3800e-003	8.3800e-003		7.8300e-003	7.8300e-003	0.0000	21.0777	21.0777	5.3700e-003	0.0000	21.2120
Total	0.0169	0.1662	0.1396	2.4000e-004	8.7600e-003	8.3800e-003	0.0171	1.3300e-003	7.8300e-003	9.1600e-003	0.0000	21.0777	21.0777	5.3700e-003	0.0000	21.2120

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3.2 Demolition - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.8000e-004	9.7400e-003	2.2100e-003	3.0000e-005	7.0000e-004	3.0000e-005	7.2000e-004	1.9000e-004	3.0000e-005	2.2000e-004	0.0000	2.9883	2.9883	2.0000e-004	0.0000	2.9933
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.1000e-004	3.6000e-004	4.1800e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1978	1.1978	3.0000e-005	0.0000	1.1986
Total	7.9000e-004	0.0101	6.3900e-003	4.0000e-005	2.1300e-003	4.0000e-005	2.1600e-003	5.7000e-004	4.0000e-005	6.1000e-004	0.0000	4.1861	4.1861	2.3000e-004	0.0000	4.1919

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					8.7600e-003	0.0000	8.7600e-003	1.3300e-003	0.0000	1.3300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0169	0.1662	0.1396	2.4000e-004		8.3800e-003	8.3800e-003		7.8300e-003	7.8300e-003	0.0000	21.0777	21.0777	5.3700e-003	0.0000	21.2119
Total	0.0169	0.1662	0.1396	2.4000e-004	8.7600e-003	8.3800e-003	0.0171	1.3300e-003	7.8300e-003	9.1600e-003	0.0000	21.0777	21.0777	5.3700e-003	0.0000	21.2119

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3.2 Demolition - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.8000e-004	9.7400e-003	2.2100e-003	3.0000e-005	7.0000e-004	3.0000e-005	7.2000e-004	1.9000e-004	3.0000e-005	2.2000e-004	0.0000	2.9883	2.9883	2.0000e-004	0.0000	2.9933
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.1000e-004	3.6000e-004	4.1800e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1978	1.1978	3.0000e-005	0.0000	1.1986
Total	7.9000e-004	0.0101	6.3900e-003	4.0000e-005	2.1300e-003	4.0000e-005	2.1600e-003	5.7000e-004	4.0000e-005	6.1000e-004	0.0000	4.1861	4.1861	2.3000e-004	0.0000	4.1919

3.3 Site Preparation - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0137	0.0000	0.0137	7.3000e-003	0.0000	7.3000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2800e-003	0.0366	0.0177	4.0000e-005		1.5600e-003	1.5600e-003		1.4300e-003	1.4300e-003	0.0000	3.7788	3.7788	1.2200e-003	0.0000	3.8094
Total	3.2800e-003	0.0366	0.0177	4.0000e-005	0.0137	1.5600e-003	0.0153	7.3000e-003	1.4300e-003	8.7300e-003	0.0000	3.7788	3.7788	1.2200e-003	0.0000	3.8094

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3.3 Site Preparation - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	6.0000e-005	6.4000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1843	0.1843	0.0000	0.0000	0.1844
Total	8.0000e-005	6.0000e-005	6.4000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1843	0.1843	0.0000	0.0000	0.1844

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0137	0.0000	0.0137	7.3000e-003	0.0000	7.3000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2800e-003	0.0366	0.0177	4.0000e-005		1.5600e-003	1.5600e-003		1.4300e-003	1.4300e-003	0.0000	3.7788	3.7788	1.2200e-003	0.0000	3.8094
Total	3.2800e-003	0.0366	0.0177	4.0000e-005	0.0137	1.5600e-003	0.0153	7.3000e-003	1.4300e-003	8.7300e-003	0.0000	3.7788	3.7788	1.2200e-003	0.0000	3.8094

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3.3 Site Preparation - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	6.0000e-005	6.4000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1843	0.1843	0.0000	0.0000	0.1844
Total	8.0000e-005	6.0000e-005	6.4000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1843	0.1843	0.0000	0.0000	0.1844

3.4 Grading - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0265	0.0000	0.0265	0.0139	0.0000	0.0139	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.9600e-003	0.0660	0.0327	8.0000e-005		2.8500e-003	2.8500e-003		2.6200e-003	2.6200e-003	0.0000	6.8098	6.8098	2.2000e-003	0.0000	6.8649
Total	5.9600e-003	0.0660	0.0327	8.0000e-005	0.0265	2.8500e-003	0.0294	0.0139	2.6200e-003	0.0165	0.0000	6.8098	6.8098	2.2000e-003	0.0000	6.8649

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3.4 Grading - 2022**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	6.7600e-003	0.2331	0.0529	7.3000e-004	0.0167	6.6000e-004	0.0173	4.5700e-003	6.3000e-004	5.2000e-003	0.0000	71.4970	71.4970	4.8600e-003	0.0000	71.6185
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	1.7000e-004	1.2000e-004	1.4200e-003	0.0000	4.8000e-004	0.0000	4.9000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.4054	0.4054	1.0000e-005	0.0000	0.4057
Total	6.9300e-003	0.2332	0.0543	7.3000e-004	0.0171	6.6000e-004	0.0178	4.7000e-003	6.3000e-004	5.3300e-003	0.0000	71.9024	71.9024	4.8700e-003	0.0000	72.0242

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0265	0.0000	0.0265	0.0139	0.0000	0.0139	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.9600e-003	0.0660	0.0327	8.0000e-005		2.8500e-003	2.8500e-003		2.6200e-003	2.6200e-003	0.0000	6.8098	6.8098	2.2000e-003	0.0000	6.8648
Total	5.9600e-003	0.0660	0.0327	8.0000e-005	0.0265	2.8500e-003	0.0294	0.0139	2.6200e-003	0.0165	0.0000	6.8098	6.8098	2.2000e-003	0.0000	6.8648

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3.4 Grading - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.7600e-003	0.2331	0.0529	7.3000e-004	0.0167	6.6000e-004	0.0173	4.5700e-003	6.3000e-004	5.2000e-003	0.0000	71.4970	71.4970	4.8600e-003	0.0000	71.6185
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	1.7000e-004	1.2000e-004	1.4200e-003	0.0000	4.8000e-004	0.0000	4.9000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.4054	0.4054	1.0000e-005	0.0000	0.4057
Total	6.9300e-003	0.2332	0.0543	7.3000e-004	0.0171	6.6000e-004	0.0178	4.7000e-003	6.3000e-004	5.3300e-003	0.0000	71.9024	71.9024	4.8700e-003	0.0000	72.0242

3.5 Building Construction - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0651	0.4939	0.5027	8.7000e-004		0.0233	0.0233		0.0225	0.0225	0.0000	71.7229	71.7229	0.0125	0.0000	72.0352
Total	0.0651	0.4939	0.5027	8.7000e-004		0.0233	0.0233		0.0225	0.0225	0.0000	71.7229	71.7229	0.0125	0.0000	72.0352

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3.5 Building Construction - 2022**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	1.4800e-003	0.0507	0.0125	1.4000e-004	3.4900e-003	9.0000e-005	3.5800e-003	1.0100e-003	9.0000e-005	1.0900e-003	0.0000	13.3824	13.3824	8.2000e-004	0.0000	13.4030
Worker	0.0119	8.4600e-003	0.0979	3.1000e-004	0.0334	2.4000e-004	0.0336	8.8600e-003	2.2000e-004	9.0900e-003	0.0000	28.0243	28.0243	7.0000e-004	0.0000	28.0419
Total	0.0134	0.0592	0.1104	4.5000e-004	0.0369	3.3000e-004	0.0372	9.8700e-003	3.1000e-004	0.0102	0.0000	41.4067	41.4067	1.5200e-003	0.0000	41.4449

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0651	0.4939	0.5027	8.7000e-004		0.0233	0.0233		0.0225	0.0225	0.0000	71.7228	71.7228	0.0125	0.0000	72.0351
Total	0.0651	0.4939	0.5027	8.7000e-004		0.0233	0.0233		0.0225	0.0225	0.0000	71.7228	71.7228	0.0125	0.0000	72.0351

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3.5 Building Construction - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4800e-003	0.0507	0.0125	1.4000e-004	3.4900e-003	9.0000e-005	3.5800e-003	1.0100e-003	9.0000e-005	1.0900e-003	0.0000	13.3824	13.3824	8.2000e-004	0.0000	13.4030
Worker	0.0119	8.4600e-003	0.0979	3.1000e-004	0.0334	2.4000e-004	0.0336	8.8600e-003	2.2000e-004	9.0900e-003	0.0000	28.0243	28.0243	7.0000e-004	0.0000	28.0419
Total	0.0134	0.0592	0.1104	4.5000e-004	0.0369	3.3000e-004	0.0372	9.8700e-003	3.1000e-004	0.0102	0.0000	41.4067	41.4067	1.5200e-003	0.0000	41.4449

3.5 Building Construction - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1485	1.1418	1.2296	2.1500e-003		0.0502	0.0502		0.0484	0.0484	0.0000	177.0592	177.0592	0.0301	0.0000	177.8108
Total	0.1485	1.1418	1.2296	2.1500e-003		0.0502	0.0502		0.0484	0.0484	0.0000	177.0592	177.0592	0.0301	0.0000	177.8108

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3.5 Building Construction - 2023**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	2.7200e-003	0.0942	0.0277	3.3000e-004	8.6000e-003	1.1000e-004	8.7100e-003	2.4800e-003	1.0000e-004	2.5900e-003	0.0000	32.0369	32.0369	1.7600e-003	0.0000	32.0810
Worker	0.0277	0.0189	0.2227	7.4000e-004	0.0824	5.8000e-004	0.0830	0.0219	5.4000e-004	0.0224	0.0000	66.5941	66.5941	1.5700e-003	0.0000	66.6332
Total	0.0304	0.1131	0.2504	1.0700e-003	0.0910	6.9000e-004	0.0917	0.0244	6.4000e-004	0.0250	0.0000	98.6310	98.6310	3.3300e-003	0.0000	98.7142

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1485	1.1418	1.2296	2.1500e-003		0.0502	0.0502		0.0484	0.0484	0.0000	177.0589	177.0589	0.0301	0.0000	177.8106
Total	0.1485	1.1418	1.2296	2.1500e-003		0.0502	0.0502		0.0484	0.0484	0.0000	177.0589	177.0589	0.0301	0.0000	177.8106

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3.5 Building Construction - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.7200e-003	0.0942	0.0277	3.3000e-004	8.6000e-003	1.1000e-004	8.7100e-003	2.4800e-003	1.0000e-004	2.5900e-003	0.0000	32.0369	32.0369	1.7600e-003	0.0000	32.0810
Worker	0.0277	0.0189	0.2227	7.4000e-004	0.0824	5.8000e-004	0.0830	0.0219	5.4000e-004	0.0224	0.0000	66.5941	66.5941	1.5700e-003	0.0000	66.6332
Total	0.0304	0.1131	0.2504	1.0700e-003	0.0910	6.9000e-004	0.0917	0.0244	6.4000e-004	0.0250	0.0000	98.6310	98.6310	3.3300e-003	0.0000	98.7142

3.6 Paving - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.8300e-003	0.0468	0.0660	1.0000e-004		2.3100e-003	2.3100e-003		2.1300e-003	2.1300e-003	0.0000	8.8293	8.8293	2.8000e-003	0.0000	8.8993
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.8300e-003	0.0468	0.0660	1.0000e-004		2.3100e-003	2.3100e-003		2.1300e-003	2.1300e-003	0.0000	8.8293	8.8293	2.8000e-003	0.0000	8.8993

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3.6 Paving - 2023**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	3.6000e-004	2.5000e-004	2.8900e-003	1.0000e-005	1.0700e-003	1.0000e-005	1.0800e-003	2.8000e-004	1.0000e-005	2.9000e-004	0.0000	0.8649	0.8649	2.0000e-005	0.0000	0.8654
Total	3.6000e-004	2.5000e-004	2.8900e-003	1.0000e-005	1.0700e-003	1.0000e-005	1.0800e-003	2.8000e-004	1.0000e-005	2.9000e-004	0.0000	0.8649	0.8649	2.0000e-005	0.0000	0.8654

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.8300e-003	0.0468	0.0660	1.0000e-004		2.3100e-003	2.3100e-003		2.1300e-003	2.1300e-003	0.0000	8.8293	8.8293	2.8000e-003	0.0000	8.8993
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.8300e-003	0.0468	0.0660	1.0000e-004		2.3100e-003	2.3100e-003		2.1300e-003	2.1300e-003	0.0000	8.8293	8.8293	2.8000e-003	0.0000	8.8993

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3.6 Paving - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.6000e-004	2.5000e-004	2.8900e-003	1.0000e-005	1.0700e-003	1.0000e-005	1.0800e-003	2.8000e-004	1.0000e-005	2.9000e-004	0.0000	0.8649	0.8649	2.0000e-005	0.0000	0.8654
Total	3.6000e-004	2.5000e-004	2.8900e-003	1.0000e-005	1.0700e-003	1.0000e-005	1.0800e-003	2.8000e-004	1.0000e-005	2.9000e-004	0.0000	0.8649	0.8649	2.0000e-005	0.0000	0.8654

3.7 Architectural Coating - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0923					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.5900e-003	0.0176	0.0245	4.0000e-005		9.6000e-004	9.6000e-004		9.6000e-004	9.6000e-004	0.0000	3.4469	3.4469	2.1000e-004	0.0000	3.4521
Total	0.0949	0.0176	0.0245	4.0000e-005		9.6000e-004	9.6000e-004		9.6000e-004	9.6000e-004	0.0000	3.4469	3.4469	2.1000e-004	0.0000	3.4521

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3.7 Architectural Coating - 2023**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	7.5000e-004	5.1000e-004	6.0100e-003	2.0000e-005	2.2200e-003	2.0000e-005	2.2400e-003	5.9000e-004	1.0000e-005	6.0000e-004	0.0000	1.7962	1.7962	4.0000e-005	0.0000	1.7973
Total	7.5000e-004	5.1000e-004	6.0100e-003	2.0000e-005	2.2200e-003	2.0000e-005	2.2400e-003	5.9000e-004	1.0000e-005	6.0000e-004	0.0000	1.7962	1.7962	4.0000e-005	0.0000	1.7973

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0923					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.5900e-003	0.0176	0.0245	4.0000e-005		9.6000e-004	9.6000e-004		9.6000e-004	9.6000e-004	0.0000	3.4469	3.4469	2.1000e-004	0.0000	3.4520
Total	0.0949	0.0176	0.0245	4.0000e-005		9.6000e-004	9.6000e-004		9.6000e-004	9.6000e-004	0.0000	3.4469	3.4469	2.1000e-004	0.0000	3.4520

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3.7 Architectural Coating - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	7.5000e-004	5.1000e-004	6.0100e-003	2.0000e-005	2.2200e-003	2.0000e-005	2.2400e-003	5.9000e-004	1.0000e-005	6.0000e-004	0.0000	1.7962	1.7962	4.0000e-005	0.0000	1.7973
Total	7.5000e-004	5.1000e-004	6.0100e-003	2.0000e-005	2.2200e-003	2.0000e-005	2.2400e-003	5.9000e-004	1.0000e-005	6.0000e-004	0.0000	1.7962	1.7962	4.0000e-005	0.0000	1.7973

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

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0634	0.3102	0.8797	3.5200e-003	0.3062	2.4900e-003	0.3087	0.0820	2.3200e-003	0.0844	0.0000	325.9479	325.9479	0.0147	0.0000	326.3144
Unmitigated	0.0634	0.3102	0.8797	3.5200e-003	0.3062	2.4900e-003	0.3087	0.0820	2.3200e-003	0.0844	0.0000	325.9479	325.9479	0.0147	0.0000	326.3144

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Congregate Care (Assisted Living)	246.60	198.00	219.60	805,764	805,764
Enclosed Parking with Elevator	0.00	0.00	0.00		
Total	246.60	198.00	219.60	805,764	805,764

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
Congregate Care (Assisted Living)	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Congregate Care (Assisted Living)	0.550151	0.042593	0.202457	0.116946	0.015037	0.005825	0.021699	0.034933	0.002123	0.001780	0.004876	0.000710	0.000868
Enclosed Parking with Elevator	0.550151	0.042593	0.202457	0.116946	0.015037	0.005825	0.021699	0.034933	0.002123	0.001780	0.004876	0.000710	0.000868

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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	268.3000	268.3000	6.9800e-003	1.4400e-003	268.9045
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	268.3000	268.3000	6.9800e-003	1.4400e-003	268.9045
NaturalGas Mitigated	5.3300e-003	0.0455	0.0194	2.9000e-004		3.6800e-003	3.6800e-003		3.6800e-003	3.6800e-003	0.0000	52.7254	52.7254	1.0100e-003	9.7000e-004	53.0387
NaturalGas Unmitigated	5.3300e-003	0.0455	0.0194	2.9000e-004		3.6800e-003	3.6800e-003		3.6800e-003	3.6800e-003	0.0000	52.7254	52.7254	1.0100e-003	9.7000e-004	53.0387

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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					
Congregate Care (Assisted Living)	988036	5.3300e-003	0.0455	0.0194	2.9000e-004		3.6800e-003	3.6800e-003		3.6800e-003	3.6800e-003	0.0000	52.7254	52.7254	1.0100e-003	9.7000e-004	53.0387
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		5.3300e-003	0.0455	0.0194	2.9000e-004		3.6800e-003	3.6800e-003		3.6800e-003	3.6800e-003	0.0000	52.7254	52.7254	1.0100e-003	9.7000e-004	53.0387

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					
Congregate Care (Assisted Living)	988036	5.3300e-003	0.0455	0.0194	2.9000e-004		3.6800e-003	3.6800e-003		3.6800e-003	3.6800e-003	0.0000	52.7254	52.7254	1.0100e-003	9.7000e-004	53.0387
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		5.3300e-003	0.0455	0.0194	2.9000e-004		3.6800e-003	3.6800e-003		3.6800e-003	3.6800e-003	0.0000	52.7254	52.7254	1.0100e-003	9.7000e-004	53.0387

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5.3 Energy by Land Use - Electricity**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Congregate Care (Assisted Living)	364827	184.5677	4.8000e-003	9.9000e-004	184.9836
Enclosed Parking with Elevator	165510	83.7323	2.1800e-003	4.5000e-004	83.9210
Total		268.3000	6.9800e-003	1.4400e-003	268.9045

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Congregate Care (Assisted Living)	364827	184.5677	4.8000e-003	9.9000e-004	184.9836
Enclosed Parking with Elevator	165510	83.7323	2.1800e-003	4.5000e-004	83.9210
Total		268.3000	6.9800e-003	1.4400e-003	268.9045

6.0 Area Detail**6.1 Mitigation Measures Area**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.4359	0.0341	1.5009	1.5100e-003		0.0911	0.0911		0.0911	0.0911	9.5597	19.8874	29.4471	0.0300	6.5000e-004	30.3897
Unmitigated	0.4359	0.0341	1.5009	1.5100e-003		0.0911	0.0911		0.0911	0.0911	9.5597	19.8874	29.4471	0.0300	6.5000e-004	30.3897

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	9.2300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1039					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.2948	0.0233	0.5721	1.4600e-003		0.0859	0.0859		0.0859	0.0859	9.5597	18.3705	27.9302	0.0285	6.5000e-004	28.8363
Landscaping	0.0280	0.0107	0.9288	5.0000e-005		5.1400e-003	5.1400e-003		5.1400e-003	5.1400e-003	0.0000	1.5169	1.5169	1.4600e-003	0.0000	1.5534
Total	0.4359	0.0340	1.5009	1.5100e-003		0.0911	0.0911		0.0911	0.0911	9.5597	19.8874	29.4471	0.0300	6.5000e-004	30.3897

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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	9.2300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1039					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.2948	0.0233	0.5721	1.4600e-003		0.0859	0.0859		0.0859	0.0859	9.5597	18.3705	27.9302	0.0285	6.5000e-004	28.8363
Landscaping	0.0280	0.0107	0.9288	5.0000e-005		5.1400e-003	5.1400e-003		5.1400e-003	5.1400e-003	0.0000	1.5169	1.5169	1.4600e-003	0.0000	1.5534
Total	0.4359	0.0340	1.5009	1.5100e-003		0.0911	0.0911		0.0911	0.0911	9.5597	19.8874	29.4471	0.0300	6.5000e-004	30.3897

7.0 Water Detail**7.1 Mitigation Measures Water**

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	61.2661	0.1926	4.8300e-003	67.5212
Unmitigated	61.2661	0.1926	4.8300e-003	67.5212

7.2 Water by Land Use**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Congregate Care (Assisted Living)	5.86386 / 3.69678	61.2661	0.1926	4.8300e-003	67.5212
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		61.2661	0.1926	4.8300e-003	67.5212

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7.2 Water by Land Use**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Congregate Care (Assisted Living)	5.86386 / 3.69678	61.2661	0.1926	4.8300e-003	67.5212
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		61.2661	0.1926	4.8300e-003	67.5212

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

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	16.6717	0.9853	0.0000	41.3033
Unmitigated	16.6717	0.9853	0.0000	41.3033

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8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Congregate Care (Assisted Living)	82.13	16.6717	0.9853	0.0000	41.3033
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Total		16.6717	0.9853	0.0000	41.3033

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Congregate Care (Assisted Living)	82.13	16.6717	0.9853	0.0000	41.3033
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Total		16.6717	0.9853	0.0000	41.3033

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

520 North Glendale (Sunrise) - South Coast AQMD Air District, Summer

520 North Glendale (Sunrise)
South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Congregate Care (Assisted Living)	90.00	Dwelling Unit	0.64	28,245.00	257
Enclosed Parking with Elevator	32.13	1000sqft	0.65	28,244.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	12			Operational Year	2023
Utility Company	Glendale Water & Power				
CO2 Intensity (lb/MW hr)	1115.33	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - new 90-unit assisted living facility, 3-stories (34' height), with a 53 spaces 1-level subterranean garage. 1.31 acres site. The 17,794 SF, 1-story buildings to be removed are commercial/retail with total of 41, 676 SF.

Land Use - 56,489 SF parcel, 85,505 SF, 90 unit, Residential Congregate Living w/ 32,130 SF, 1-level sub garage.

Grading -

Demolition -

Energy Use -

Construction Phase - Grading and site preparation will occur over a two week period.

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Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	27.00
tblConstructionPhase	NumDays	200.00	274.00
tblConstructionPhase	NumDays	4.00	11.00
tblConstructionPhase	NumDays	10.00	15.00
tblConstructionPhase	NumDays	2.00	5.00
tblConstructionPhase	PhaseEndDate	7/3/2023	11/28/2023
tblConstructionPhase	PhaseEndDate	6/5/2023	9/29/2023
tblConstructionPhase	PhaseEndDate	8/29/2022	9/12/2022
tblConstructionPhase	PhaseEndDate	6/19/2023	10/20/2023
tblConstructionPhase	PhaseEndDate	8/23/2022	8/26/2022
tblConstructionPhase	PhaseStartDate	6/20/2023	10/21/2023
tblConstructionPhase	PhaseStartDate	8/30/2022	9/13/2022
tblConstructionPhase	PhaseStartDate	8/24/2022	8/27/2022
tblConstructionPhase	PhaseStartDate	6/6/2023	9/30/2023
tblGrading	AcresOfGrading	4.13	1.50
tblGrading	AcresOfGrading	2.50	1.00
tblGrading	MaterialExported	0.00	15,500.00
tblLandUse	LandUseSquareFeet	90,000.00	28,245.00
tblLandUse	LandUseSquareFeet	32,130.00	28,244.00
tblLandUse	LotAcreage	5.63	0.64
tblLandUse	LotAcreage	0.74	0.65

2.0 Emissions Summary

520 North Glendale (Sunrise) - South Coast AQMD Air District, Summer

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					
2022	2.3288	53.2085	15.7082	0.1482	7.9885	0.8417	8.6252	3.3898	0.7865	3.9799	0.0000	15,892.82 95	15,892.82 95	1.4009	0.0000	15,927.85 31
2023	7.0842	12.8409	15.3579	0.0334	0.9503	0.5216	1.4718	0.2541	0.5034	0.7574	0.0000	3,159.908 7	3,159.908 7	0.4145	0.0000	3,169.358 3
Maximum	7.0842	53.2085	15.7082	0.1482	7.9885	0.8417	8.6252	3.3898	0.7865	3.9799	0.0000	15,892.82 95	15,892.82 95	1.4009	0.0000	15,927.85 31

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					
2022	2.3288	53.2085	15.7082	0.1482	7.9885	0.8417	8.6252	3.3898	0.7865	3.9799	0.0000	15,892.8295	15,892.8295	1.4009	0.0000	15,927.8531
2023	7.0842	12.8409	15.3579	0.0334	0.9503	0.5216	1.4718	0.2541	0.5034	0.7574	0.0000	3,159.9087	3,159.9087	0.4145	0.0000	3,169.3583
Maximum	7.0842	53.2085	15.7082	0.1482	7.9885	0.8417	8.6252	3.3898	0.7865	3.9799	0.0000	15,892.8295	15,892.8295	1.4009	0.0000	15,927.8531

[illegible]

520 North Glendale (Sunrise) - South Coast AQMD Air District, Summer

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	24.4271	1.9530	53.1997	0.1172		6.9161	6.9161		6.9161	6.9161	843.0227	1,633.3767	2,476.3994	2.5269	0.0572	2,556.6238
Energy	0.0292	0.2495	0.1062	1.5900e-003		0.0202	0.0202		0.0202	0.0202		318.4645	318.4645	6.1000e-003	5.8400e-003	320.3570
Mobile	0.3926	1.7186	5.3349	0.0211	1.7918	0.0143	1.8061	0.4794	0.0133	0.4927		2,147.7502	2,147.7502	0.0936		2,150.0907
Total	24.8489	3.9211	58.6408	0.1398	1.7918	6.9506	8.7424	0.4794	6.9496	7.4290	843.0227	4,099.5915	4,942.6141	2.6267	0.0631	5,027.0715

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	24.4271	1.9530	53.1997	0.1172		6.9161	6.9161		6.9161	6.9161	843.0227	1,633.3767	2,476.3994	2.5269	0.0572	2,556.6238
Energy	0.0292	0.2495	0.1062	1.5900e-003		0.0202	0.0202		0.0202	0.0202		318.4645	318.4645	6.1000e-003	5.8400e-003	320.3570
Mobile	0.3926	1.7186	5.3349	0.0211	1.7918	0.0143	1.8061	0.4794	0.0133	0.4927		2,147.7502	2,147.7502	0.0936		2,150.0907
Total	24.8489	3.9211	58.6408	0.1398	1.7918	6.9506	8.7424	0.4794	6.9496	7.4290	843.0227	4,099.5915	4,942.6141	2.6267	0.0631	5,027.0715

520 North Glendale (Sunrise) - South Coast AQMD Air District, Summer

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/25/2022	8/19/2022	5	20	
2	Site Preparation	Site Preparation	8/20/2022	8/26/2022	5	5	
3	Grading	Grading	8/27/2022	9/12/2022	5	11	
4	Building Construction	Building Construction	9/13/2022	9/29/2023	5	274	
5	Paving	Paving	9/30/2023	10/20/2023	5	15	
6	Architectural Coating	Architectural Coating	10/21/2023	11/28/2023	5	27	

Acres of Grading (Site Preparation Phase): 1

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 0.65

Residential Indoor: 57,196; Residential Outdoor: 19,065; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 1,695 (Architectural Coating – sqft)

OffRoad Equipment

520 North Glendale (Sunrise) - South Coast AQMD Air District, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	6.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Paving	Paving Equipment	1	8.00	132	0.36
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Building Construction	Welders	3	8.00	46	0.45

Trips and VMT

520 North Glendale (Sunrise) - South Coast AQMD Air District, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	81.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	1,938.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	77.00	14.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.8758	0.0000	0.8758	0.1326	0.0000	0.1326			0.0000			0.0000
Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829		2,323.4168	2,323.4168	0.5921		2,338.2191
Total	1.6889	16.6217	13.9605	0.0241	0.8758	0.8379	1.7137	0.1326	0.7829	0.9155		2,323.4168	2,323.4168	0.5921		2,338.2191

520 North Glendale (Sunrise) - South Coast AQMD Air District, Summer

3.2 Demolition - 2022**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	0.0279	0.9467	0.2144	3.0600e-003	0.0708	2.7300e-003	0.0735	0.0194	2.6100e-003	0.0220		332.0008	332.0008	0.0220		332.5510
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
Worker	0.0515	0.0322	0.4529	1.3900e-003	0.1453	1.0400e-003	0.1464	0.0385	9.6000e-004	0.0395		138.8041	138.8041	3.5000e-003		138.8916
Total	0.0794	0.9789	0.6673	4.4500e-003	0.2161	3.7700e-003	0.2199	0.0579	3.5700e-003	0.0615		470.8049	470.8049	0.0255		471.4425

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.8758	0.0000	0.8758	0.1326	0.0000	0.1326			0.0000			0.0000
Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829	0.0000	2,323.4168	2,323.4168	0.5921		2,338.2191
Total	1.6889	16.6217	13.9605	0.0241	0.8758	0.8379	1.7137	0.1326	0.7829	0.9155	0.0000	2,323.4168	2,323.4168	0.5921		2,338.2191

520 North Glendale (Sunrise) - South Coast AQMD Air District, Summer

3.2 Demolition - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0279	0.9467	0.2144	3.0600e-003	0.0708	2.7300e-003	0.0735	0.0194	2.6100e-003	0.0220		332.0008	332.0008	0.0220		332.5510
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
Worker	0.0515	0.0322	0.4529	1.3900e-003	0.1453	1.0400e-003	0.1464	0.0385	9.6000e-004	0.0395		138.8041	138.8041	3.5000e-003		138.8916
Total	0.0794	0.9789	0.6673	4.4500e-003	0.2161	3.7700e-003	0.2199	0.0579	3.5700e-003	0.0615		470.8049	470.8049	0.0255		471.4425

3.3 Site Preparation - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.4814	0.0000	5.4814	2.9194	0.0000	2.9194			0.0000			0.0000
Off-Road	1.3122	14.6277	7.0939	0.0172		0.6225	0.6225		0.5727	0.5727		1,666.1738	1,666.1738	0.5389		1,679.6457
Total	1.3122	14.6277	7.0939	0.0172	5.4814	0.6225	6.1040	2.9194	0.5727	3.4921		1,666.1738	1,666.1738	0.5389		1,679.6457

520 North Glendale (Sunrise) - South Coast AQMD Air District, Summer

3.3 Site Preparation - 2022**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
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
Worker	0.0317	0.0198	0.2787	8.6000e-004	0.0894	6.4000e-004	0.0901	0.0237	5.9000e-004	0.0243		85.4179	85.4179	2.1500e-003		85.4717
Total	0.0317	0.0198	0.2787	8.6000e-004	0.0894	6.4000e-004	0.0901	0.0237	5.9000e-004	0.0243		85.4179	85.4179	2.1500e-003		85.4717

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.4814	0.0000	5.4814	2.9194	0.0000	2.9194			0.0000			0.0000
Off-Road	1.3122	14.6277	7.0939	0.0172		0.6225	0.6225		0.5727	0.5727	0.0000	1,666.1738	1,666.1738	0.5389		1,679.6457
Total	1.3122	14.6277	7.0939	0.0172	5.4814	0.6225	6.1040	2.9194	0.5727	3.4921	0.0000	1,666.1738	1,666.1738	0.5389		1,679.6457

520 North Glendale (Sunrise) - South Coast AQMD Air District, Summer

3.3 Site Preparation - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/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
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
Worker	0.0317	0.0198	0.2787	8.6000e-004	0.0894	6.4000e-004	0.0901	0.0237	5.9000e-004	0.0243		85.4179	85.4179	2.1500e-003		85.4717
Total	0.0317	0.0198	0.2787	8.6000e-004	0.0894	6.4000e-004	0.0901	0.0237	5.9000e-004	0.0243		85.4179	85.4179	2.1500e-003		85.4717

3.4 Grading - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.8205	0.0000	4.8205	2.5224	0.0000	2.5224			0.0000			0.0000
Off-Road	1.0832	12.0046	5.9360	0.0141		0.5173	0.5173		0.4759	0.4759		1,364.8198	1,364.8198	0.4414		1,375.8551
Total	1.0832	12.0046	5.9360	0.0141	4.8205	0.5173	5.3378	2.5224	0.4759	2.9983		1,364.8198	1,364.8198	0.4414		1,375.8551

520 North Glendale (Sunrise) - South Coast AQMD Air District, Summer

3.4 Grading - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.2139	41.1841	9.3276	0.1333	3.0785	0.1188	3.1973	0.8437	0.1137	0.9573		14,442.5918	14,442.5918	0.9574		14,466.5263
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
Worker	0.0317	0.0198	0.2787	8.6000e-004	0.0894	6.4000e-004	0.0901	0.0237	5.9000e-004	0.0243		85.4179	85.4179	2.1500e-003		85.4717
Total	1.2456	41.2039	9.6063	0.1341	3.1680	0.1194	3.2874	0.8674	0.1142	0.9816		14,528.0097	14,528.0097	0.9595		14,551.9980

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					4.8205	0.0000	4.8205	2.5224	0.0000	2.5224			0.0000			0.0000
Off-Road	1.0832	12.0046	5.9360	0.0141		0.5173	0.5173		0.4759	0.4759	0.0000	1,364.8198	1,364.8198	0.4414		1,375.8551
Total	1.0832	12.0046	5.9360	0.0141	4.8205	0.5173	5.3378	2.5224	0.4759	2.9983	0.0000	1,364.8198	1,364.8198	0.4414		1,375.8551

520 North Glendale (Sunrise) - South Coast AQMD Air District, Summer

3.4 Grading - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.2139	41.1841	9.3276	0.1333	3.0785	0.1188	3.1973	0.8437	0.1137	0.9573		14,442.59 18	14,442.59 18	0.9574		14,466.52 63
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
Worker	0.0317	0.0198	0.2787	8.6000e-004	0.0894	6.4000e-004	0.0901	0.0237	5.9000e-004	0.0243		85.4179	85.4179	2.1500e-003		85.4717
Total	1.2456	41.2039	9.6063	0.1341	3.1680	0.1194	3.2874	0.8674	0.1142	0.9816		14,528.00 97	14,528.00 97	0.9595		14,551.99 80

3.5 Building Construction - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6487	12.5031	12.7264	0.0221		0.5889	0.5889		0.5689	0.5689		2,001.542 9	2,001.542 9	0.3486		2,010.258 1
Total	1.6487	12.5031	12.7264	0.0221		0.5889	0.5889		0.5689	0.5689		2,001.542 9	2,001.542 9	0.3486		2,010.258 1

520 North Glendale (Sunrise) - South Coast AQMD Air District, Summer

3.5 Building Construction - 2022**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
Vendor	0.0365	1.2675	0.2995	3.5400e-003	0.0896	2.3300e-003	0.0919	0.0258	2.2300e-003	0.0280		378.0828	378.0828	0.0222		378.6381
Worker	0.3049	0.1904	2.6823	8.2500e-003	0.8607	6.1500e-003	0.8668	0.2283	5.6700e-003	0.2339		822.1474	822.1474	0.0207		822.6655
Total	0.3414	1.4579	2.9818	0.0118	0.9503	8.4800e-003	0.9588	0.2541	7.9000e-003	0.2619		1,200.2302	1,200.2302	0.0429		1,201.3036

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6487	12.5031	12.7264	0.0221		0.5889	0.5889		0.5689	0.5689	0.0000	2,001.5429	2,001.5429	0.3486		2,010.2581
Total	1.6487	12.5031	12.7264	0.0221		0.5889	0.5889		0.5689	0.5689	0.0000	2,001.5429	2,001.5429	0.3486		2,010.2581

520 North Glendale (Sunrise) - South Coast AQMD Air District, Summer

3.5 Building Construction - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/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
Vendor	0.0365	1.2675	0.2995	3.5400e-003	0.0896	2.3300e-003	0.0919	0.0258	2.2300e-003	0.0280		378.0828	378.0828	0.0222		378.6381
Worker	0.3049	0.1904	2.6823	8.2500e-003	0.8607	6.1500e-003	0.8668	0.2283	5.6700e-003	0.2339		822.1474	822.1474	0.0207		822.6655
Total	0.3414	1.4579	2.9818	0.0118	0.9503	8.4800e-003	0.9588	0.2541	7.9000e-003	0.2619		1,200.2302	1,200.2302	0.0429		1,201.3036

3.5 Building Construction - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968		2,001.7877	2,001.7877	0.3399		2,010.2858
Total	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968		2,001.7877	2,001.7877	0.3399		2,010.2858

520 North Glendale (Sunrise) - South Coast AQMD Air District, Summer

3.5 Building Construction - 2023**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
Vendor	0.0273	0.9582	0.2698	3.4300e-003	0.0896	1.0800e-003	0.0907	0.0258	1.0300e-003	0.0268		366.6148	366.6148	0.0194		367.0990
Worker	0.2867	0.1723	2.4771	7.9400e-003	0.8607	5.9900e-003	0.8667	0.2283	5.5200e-003	0.2338		791.5062	791.5062	0.0187		791.9735
Total	0.3139	1.1305	2.7469	0.0114	0.9503	7.0700e-003	0.9574	0.2541	6.5500e-003	0.2606		1,158.1210	1,158.1210	0.0381		1,159.0725

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968	0.0000	2,001.7877	2,001.7877	0.3399		2,010.2858
Total	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968	0.0000	2,001.7877	2,001.7877	0.3399		2,010.2858

520 North Glendale (Sunrise) - South Coast AQMD Air District, Summer

3.5 Building Construction - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/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
Vendor	0.0273	0.9582	0.2698	3.4300e-003	0.0896	1.0800e-003	0.0907	0.0258	1.0300e-003	0.0268		366.6148	366.6148	0.0194		367.0990
Worker	0.2867	0.1723	2.4771	7.9400e-003	0.8607	5.9900e-003	0.8667	0.2283	5.5200e-003	0.2338		791.5062	791.5062	0.0187		791.9735
Total	0.3139	1.1305	2.7469	0.0114	0.9503	7.0700e-003	0.9574	0.2541	6.5500e-003	0.2606		1,158.1210	1,158.1210	0.0381		1,159.0725

3.6 Paving - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6446	6.2357	8.8024	0.0136		0.3084	0.3084		0.2846	0.2846		1,297.6880	1,297.6880	0.4114		1,307.9725
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6446	6.2357	8.8024	0.0136		0.3084	0.3084		0.2846	0.2846		1,297.6880	1,297.6880	0.4114		1,307.9725

520 North Glendale (Sunrise) - South Coast AQMD Air District, Summer

3.6 Paving - 2023**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
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
Worker	0.0484	0.0291	0.4182	1.3400e-003	0.1453	1.0100e-003	0.1463	0.0385	9.3000e-004	0.0395		133.6309	133.6309	3.1600e-003		133.7098
Total	0.0484	0.0291	0.4182	1.3400e-003	0.1453	1.0100e-003	0.1463	0.0385	9.3000e-004	0.0395		133.6309	133.6309	3.1600e-003		133.7098

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6446	6.2357	8.8024	0.0136		0.3084	0.3084		0.2846	0.2846	0.0000	1,297.6880	1,297.6880	0.4114		1,307.9725
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6446	6.2357	8.8024	0.0136		0.3084	0.3084		0.2846	0.2846	0.0000	1,297.6880	1,297.6880	0.4114		1,307.9725

520 North Glendale (Sunrise) - South Coast AQMD Air District, Summer

3.6 Paving - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/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
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
Worker	0.0484	0.0291	0.4182	1.3400e-003	0.1453	1.0100e-003	0.1463	0.0385	9.3000e-004	0.0395		133.6309	133.6309	3.1600e-003		133.7098
Total	0.0484	0.0291	0.4182	1.3400e-003	0.1453	1.0100e-003	0.1463	0.0385	9.3000e-004	0.0395		133.6309	133.6309	3.1600e-003		133.7098

3.7 Architectural Coating - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	6.8367					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	7.0284	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

520 North Glendale (Sunrise) - South Coast AQMD Air District, Summer

3.7 Architectural Coating - 2023**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
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
Worker	0.0558	0.0336	0.4825	1.5500e-003	0.1677	1.1700e-003	0.1688	0.0445	1.0800e-003	0.0455		154.1895	154.1895	3.6400e-003		154.2806
Total	0.0558	0.0336	0.4825	1.5500e-003	0.1677	1.1700e-003	0.1688	0.0445	1.0800e-003	0.0455		154.1895	154.1895	3.6400e-003		154.2806

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.8367					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	7.0284	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

520 North Glendale (Sunrise) - South Coast AQMD Air District, Summer

3.7 Architectural Coating - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/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
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
Worker	0.0558	0.0336	0.4825	1.5500e-003	0.1677	1.1700e-003	0.1688	0.0445	1.0800e-003	0.0455		154.1895	154.1895	3.6400e-003		154.2806
Total	0.0558	0.0336	0.4825	1.5500e-003	0.1677	1.1700e-003	0.1688	0.0445	1.0800e-003	0.0455		154.1895	154.1895	3.6400e-003		154.2806

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

520 North Glendale (Sunrise) - South Coast AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3926	1.7186	5.3349	0.0211	1.7918	0.0143	1.8061	0.4794	0.0133	0.4927		2,147.750 2	2,147.750 2	0.0936		2,150.090 7
Unmitigated	0.3926	1.7186	5.3349	0.0211	1.7918	0.0143	1.8061	0.4794	0.0133	0.4927		2,147.750 2	2,147.750 2	0.0936		2,150.090 7

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Congregate Care (Assisted Living)	246.60	198.00	219.60	805,764	805,764
Enclosed Parking with Elevator	0.00	0.00	0.00		
Total	246.60	198.00	219.60	805,764	805,764

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
Congregate Care (Assisted Living)	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Congregate Care (Assisted Living)	0.550151	0.042593	0.202457	0.116946	0.015037	0.005825	0.021699	0.034933	0.002123	0.001780	0.004876	0.000710	0.000868
Enclosed Parking with Elevator	0.550151	0.042593	0.202457	0.116946	0.015037	0.005825	0.021699	0.034933	0.002123	0.001780	0.004876	0.000710	0.000868

520 North Glendale (Sunrise) - South Coast AQMD Air District, Summer

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0292	0.2495	0.1062	1.5900e-003		0.0202	0.0202		0.0202	0.0202		318.4645	318.4645	6.1000e-003	5.8400e-003	320.3570
NaturalGas Unmitigated	0.0292	0.2495	0.1062	1.5900e-003		0.0202	0.0202		0.0202	0.0202		318.4645	318.4645	6.1000e-003	5.8400e-003	320.3570

520 North Glendale (Sunrise) - South Coast AQMD Air District, Summer

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					
Congregate Care (Assisted Living)	2706.95	0.0292	0.2495	0.1062	1.5900e-003		0.0202	0.0202		0.0202	0.0202		318.4645	318.4645	6.1000e-003	5.8400e-003	320.3570
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0292	0.2495	0.1062	1.5900e-003		0.0202	0.0202		0.0202	0.0202		318.4645	318.4645	6.1000e-003	5.8400e-003	320.3570

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					
Congregate Care (Assisted Living)	2.70695	0.0292	0.2495	0.1062	1.5900e-003		0.0202	0.0202		0.0202	0.0202		318.4645	318.4645	6.1000e-003	5.8400e-003	320.3570
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0292	0.2495	0.1062	1.5900e-003		0.0202	0.0202		0.0202	0.0202		318.4645	318.4645	6.1000e-003	5.8400e-003	320.3570

6.0 Area Detail**6.1 Mitigation Measures Area**

520 North Glendale (Sunrise) - South Coast AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	24.4271	1.9530	53.1997	0.1172		6.9161	6.9161		6.9161	6.9161	843.0227	1,633.3767	2,476.3994	2.5269	0.0572	2,556.6238
Unmitigated	24.4271	1.9530	53.1997	0.1172		6.9161	6.9161		6.9161	6.9161	843.0227	1,633.3767	2,476.3994	2.5269	0.0572	2,556.6238

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	0.0506					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5693					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	23.5832	1.8674	45.7697	0.1168		6.8750	6.8750		6.8750	6.8750	843.0227	1,620.0000	2,463.0227	2.5141	0.0572	2,542.9252
Landscaping	0.2241	0.0856	7.4301	3.9000e-004		0.0411	0.0411		0.0411	0.0411		13.3767	13.3767	0.0129		13.6986
Total	24.4271	1.9530	53.1997	0.1172		6.9161	6.9161		6.9161	6.9161	843.0227	1,633.3767	2,476.3994	2.5269	0.0572	2,556.6238

520 North Glendale (Sunrise) - South Coast AQMD Air District, Summer

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	0.0506					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5693					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	23.5832	1.8674	45.7697	0.1168		6.8750	6.8750		6.8750	6.8750	843.0227	1,620.0000	2,463.0227	2.5141	0.0572	2,542.9252
Landscaping	0.2241	0.0856	7.4301	3.9000e-004		0.0411	0.0411		0.0411	0.0411		13.3767	13.3767	0.0129		13.6986
Total	24.4271	1.9530	53.1997	0.1172		6.9161	6.9161		6.9161	6.9161	843.0227	1,633.3767	2,476.3994	2.5269	0.0572	2,556.6238

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

520 North Glendale (Sunrise) - South Coast AQMD Air District, Summer

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

520 North Glendale (Sunrise) - South Coast AQMD Air District, Winter

520 North Glendale (Sunrise)
South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Congregate Care (Assisted Living)	90.00	Dwelling Unit	0.64	28,245.00	257
Enclosed Parking with Elevator	32.13	1000sqft	0.65	28,244.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	12			Operational Year	2023
Utility Company	Glendale Water & Power				
CO2 Intensity (lb/MW hr)	1115.33	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - new 90-unit assisted living facility, 3-stories (34' height), with a 53 spaces 1-level subterranean garage. 1.31 acres site. The 17,794 SF, 1-story buildings to be removed are commercial/retail with total of 41, 676 SF.

Land Use - 56,489 SF parcel, 85,505 SF, 90 unit, Residential Congregate Living w/ 32,130 SF, 1-level sub garage.

Grading -

Demolition -

Energy Use -

Construction Phase - Grading and site preparation will occur over a two week period.

520 North Glendale (Sunrise) - South Coast AQMD Air District, Winter

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	27.00
tblConstructionPhase	NumDays	200.00	274.00
tblConstructionPhase	NumDays	4.00	11.00
tblConstructionPhase	NumDays	10.00	15.00
tblConstructionPhase	NumDays	2.00	5.00
tblConstructionPhase	PhaseEndDate	7/3/2023	11/28/2023
tblConstructionPhase	PhaseEndDate	6/5/2023	9/29/2023
tblConstructionPhase	PhaseEndDate	8/29/2022	9/12/2022
tblConstructionPhase	PhaseEndDate	6/19/2023	10/20/2023
tblConstructionPhase	PhaseEndDate	8/23/2022	8/26/2022
tblConstructionPhase	PhaseStartDate	6/20/2023	10/21/2023
tblConstructionPhase	PhaseStartDate	8/30/2022	9/13/2022
tblConstructionPhase	PhaseStartDate	8/24/2022	8/27/2022
tblConstructionPhase	PhaseStartDate	6/6/2023	9/30/2023
tblGrading	AcresOfGrading	4.13	1.50
tblGrading	AcresOfGrading	2.50	1.00
tblGrading	MaterialExported	0.00	15,500.00
tblLandUse	LandUseSquareFeet	90,000.00	28,245.00
tblLandUse	LandUseSquareFeet	32,130.00	28,244.00
tblLandUse	LotAcreage	5.63	0.64
tblLandUse	LotAcreage	0.74	0.65

2.0 Emissions Summary

520 North Glendale (Sunrise) - South Coast AQMD Air District, Winter

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					
2022	2.3666	53.6512	16.1747	0.1457	7.9885	0.8417	8.6271	3.3898	0.7865	3.9817	0.0000	15,617.88 30	15,617.88 30	1.4400	0.0000	15,653.88 33
2023	7.0897	12.8509	15.1251	0.0328	0.9503	0.5216	1.4719	0.2541	0.5034	0.7575	0.0000	3,098.092 3	3,098.092 3	0.4143	0.0000	3,107.541 0
Maximum	7.0897	53.6512	16.1747	0.1457	7.9885	0.8417	8.6271	3.3898	0.7865	3.9817	0.0000	15,617.88 30	15,617.88 30	1.4400	0.0000	15,653.88 33

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					
2022	2.3666	53.6512	16.1747	0.1457	7.9885	0.8417	8.6271	3.3898	0.7865	3.9817	0.0000	15,617.8830	15,617.8830	1.4400	0.0000	15,653.8833
2023	7.0897	12.8509	15.1251	0.0328	0.9503	0.5216	1.4719	0.2541	0.5034	0.7575	0.0000	3,098.0923	3,098.0923	0.4143	0.0000	3,107.5410
Maximum	7.0897	53.6512	16.1747	0.1457	7.9885	0.8417	8.6271	3.3898	0.7865	3.9817	0.0000	15,617.8830	15,617.8830	1.4400	0.0000	15,653.8833

[illegible]

520 North Glendale (Sunrise) - South Coast AQMD Air District, Winter

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	24.4271	1.9530	53.1997	0.1172		6.9161	6.9161		6.9161	6.9161	843.0227	1,633.3767	2,476.3994	2.5269	0.0572	2,556.6238
Energy	0.0292	0.2495	0.1062	1.5900e-003		0.0202	0.0202		0.0202	0.0202		318.4645	318.4645	6.1000e-003	5.8400e-003	320.3570
Mobile	0.3719	1.7531	4.9675	0.0200	1.7918	0.0144	1.8062	0.4794	0.0134	0.4928		2,034.9318	2,034.9318	0.0933		2,037.2653
Total	24.8282	3.9555	58.2733	0.1387	1.7918	6.9506	8.7424	0.4794	6.9496	7.4290	843.0227	3,986.7731	4,829.7957	2.6264	0.0631	4,914.2460

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	24.4271	1.9530	53.1997	0.1172		6.9161	6.9161		6.9161	6.9161	843.0227	1,633.3767	2,476.3994	2.5269	0.0572	2,556.6238
Energy	0.0292	0.2495	0.1062	1.5900e-003		0.0202	0.0202		0.0202	0.0202		318.4645	318.4645	6.1000e-003	5.8400e-003	320.3570
Mobile	0.3719	1.7531	4.9675	0.0200	1.7918	0.0144	1.8062	0.4794	0.0134	0.4928		2,034.9318	2,034.9318	0.0933		2,037.2653
Total	24.8282	3.9555	58.2733	0.1387	1.7918	6.9506	8.7424	0.4794	6.9496	7.4290	843.0227	3,986.7731	4,829.7957	2.6264	0.0631	4,914.2460

520 North Glendale (Sunrise) - South Coast AQMD Air District, Winter

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

3.0 Construction Detail**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/25/2022	8/19/2022	5	20	
2	Site Preparation	Site Preparation	8/20/2022	8/26/2022	5	5	
3	Grading	Grading	8/27/2022	9/12/2022	5	11	
4	Building Construction	Building Construction	9/13/2022	9/29/2023	5	274	
5	Paving	Paving	9/30/2023	10/20/2023	5	15	
6	Architectural Coating	Architectural Coating	10/21/2023	11/28/2023	5	27	

Acres of Grading (Site Preparation Phase): 1**Acres of Grading (Grading Phase): 1.5****Acres of Paving: 0.65****Residential Indoor: 57,196; Residential Outdoor: 19,065; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 1,695 (Architectural Coating – sqft)****OffRoad Equipment**

520 North Glendale (Sunrise) - South Coast AQMD Air District, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	6.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Graders	1	6.00	187	0.41
Paving	Paving Equipment	1	8.00	132	0.36
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Building Construction	Welders	3	8.00	46	0.45

Trips and VMT

520 North Glendale (Sunrise) - South Coast AQMD Air District, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	81.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	1,938.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	77.00	14.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.8758	0.0000	0.8758	0.1326	0.0000	0.1326			0.0000			0.0000
Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829		2,323.4168	2,323.4168	0.5921		2,338.2191
Total	1.6889	16.6217	13.9605	0.0241	0.8758	0.8379	1.7137	0.1326	0.7829	0.9155		2,323.4168	2,323.4168	0.5921		2,338.2191

520 North Glendale (Sunrise) - South Coast AQMD Air District, Winter

3.2 Demolition - 2022**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	0.0287	0.9569	0.2296	3.0100e-003	0.0708	2.7700e-003	0.0735	0.0194	2.6500e-003	0.0221		325.8076	325.8076	0.0229		326.3804
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
Worker	0.0564	0.0352	0.4062	1.3000e-003	0.1453	1.0400e-003	0.1464	0.0385	9.6000e-004	0.0395		129.8098	129.8098	3.2600e-003		129.8912
Total	0.0851	0.9920	0.6358	4.3100e-003	0.2161	3.8100e-003	0.2199	0.0579	3.6100e-003	0.0615		455.6174	455.6174	0.0262		456.2716

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.8758	0.0000	0.8758	0.1326	0.0000	0.1326			0.0000			0.0000
Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829	0.0000	2,323.4168	2,323.4168	0.5921		2,338.2191
Total	1.6889	16.6217	13.9605	0.0241	0.8758	0.8379	1.7137	0.1326	0.7829	0.9155	0.0000	2,323.4168	2,323.4168	0.5921		2,338.2191

520 North Glendale (Sunrise) - South Coast AQMD Air District, Winter

3.2 Demolition - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0287	0.9569	0.2296	3.0100e-003	0.0708	2.7700e-003	0.0735	0.0194	2.6500e-003	0.0221		325.8076	325.8076	0.0229		326.3804
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
Worker	0.0564	0.0352	0.4062	1.3000e-003	0.1453	1.0400e-003	0.1464	0.0385	9.6000e-004	0.0395		129.8098	129.8098	3.2600e-003		129.8912
Total	0.0851	0.9920	0.6358	4.3100e-003	0.2161	3.8100e-003	0.2199	0.0579	3.6100e-003	0.0615		455.6174	455.6174	0.0262		456.2716

3.3 Site Preparation - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.4814	0.0000	5.4814	2.9194	0.0000	2.9194			0.0000			0.0000
Off-Road	1.3122	14.6277	7.0939	0.0172		0.6225	0.6225		0.5727	0.5727		1,666.1738	1,666.1738	0.5389		1,679.6457
Total	1.3122	14.6277	7.0939	0.0172	5.4814	0.6225	6.1040	2.9194	0.5727	3.4921		1,666.1738	1,666.1738	0.5389		1,679.6457

520 North Glendale (Sunrise) - South Coast AQMD Air District, Winter

3.3 Site Preparation - 2022**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
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
Worker	0.0347	0.0217	0.2500	8.0000e-004	0.0894	6.4000e-004	0.0901	0.0237	5.9000e-004	0.0243		79.8829	79.8829	2.0100e-003		79.9331
Total	0.0347	0.0217	0.2500	8.0000e-004	0.0894	6.4000e-004	0.0901	0.0237	5.9000e-004	0.0243		79.8829	79.8829	2.0100e-003		79.9331

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					5.4814	0.0000	5.4814	2.9194	0.0000	2.9194			0.0000			0.0000
Off-Road	1.3122	14.6277	7.0939	0.0172		0.6225	0.6225		0.5727	0.5727	0.0000	1,666.1738	1,666.1738	0.5389		1,679.6457
Total	1.3122	14.6277	7.0939	0.0172	5.4814	0.6225	6.1040	2.9194	0.5727	3.4921	0.0000	1,666.1738	1,666.1738	0.5389		1,679.6457

520 North Glendale (Sunrise) - South Coast AQMD Air District, Winter

3.3 Site Preparation - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/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
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
Worker	0.0347	0.0217	0.2500	8.0000e-004	0.0894	6.4000e-004	0.0901	0.0237	5.9000e-004	0.0243		79.8829	79.8829	2.0100e-003		79.9331
Total	0.0347	0.0217	0.2500	8.0000e-004	0.0894	6.4000e-004	0.0901	0.0237	5.9000e-004	0.0243		79.8829	79.8829	2.0100e-003		79.9331

3.4 Grading - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.8205	0.0000	4.8205	2.5224	0.0000	2.5224			0.0000			0.0000
Off-Road	1.0832	12.0046	5.9360	0.0141		0.5173	0.5173		0.4759	0.4759		1,364.8198	1,364.8198	0.4414		1,375.8551
Total	1.0832	12.0046	5.9360	0.0141	4.8205	0.5173	5.3378	2.5224	0.4759	2.9983		1,364.8198	1,364.8198	0.4414		1,375.8551

520 North Glendale (Sunrise) - South Coast AQMD Air District, Winter

3.4 Grading - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.2487	41.6249	9.9888	0.1308	3.0785	0.1207	3.1992	0.8437	0.1155	0.9591		14,173.1803	14,173.1803	0.9966		14,198.0952
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
Worker	0.0347	0.0217	0.2500	8.0000e-004	0.0894	6.4000e-004	0.0901	0.0237	5.9000e-004	0.0243		79.8829	79.8829	2.0100e-003		79.9331
Total	1.2834	41.6465	10.2387	0.1316	3.1680	0.1213	3.2893	0.8674	0.1160	0.9834		14,253.0632	14,253.0632	0.9986		14,278.0282

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					4.8205	0.0000	4.8205	2.5224	0.0000	2.5224			0.0000			0.0000
Off-Road	1.0832	12.0046	5.9360	0.0141		0.5173	0.5173		0.4759	0.4759	0.0000	1,364.8198	1,364.8198	0.4414		1,375.8551
Total	1.0832	12.0046	5.9360	0.0141	4.8205	0.5173	5.3378	2.5224	0.4759	2.9983	0.0000	1,364.8198	1,364.8198	0.4414		1,375.8551

520 North Glendale (Sunrise) - South Coast AQMD Air District, Winter

3.4 Grading - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.2487	41.6249	9.9888	0.1308	3.0785	0.1207	3.1992	0.8437	0.1155	0.9591		14,173.1803	14,173.1803	0.9966		14,198.0952
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
Worker	0.0347	0.0217	0.2500	8.0000e-004	0.0894	6.4000e-004	0.0901	0.0237	5.9000e-004	0.0243		79.8829	79.8829	2.0100e-003		79.9331
Total	1.2834	41.6465	10.2387	0.1316	3.1680	0.1213	3.2893	0.8674	0.1160	0.9834		14,253.0632	14,253.0632	0.9986		14,278.0282

3.5 Building Construction - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6487	12.5031	12.7264	0.0221		0.5889	0.5889		0.5689	0.5689		2,001.5429	2,001.5429	0.3486		2,010.2581
Total	1.6487	12.5031	12.7264	0.0221		0.5889	0.5889		0.5689	0.5689		2,001.5429	2,001.5429	0.3486		2,010.2581

520 North Glendale (Sunrise) - South Coast AQMD Air District, Winter

3.5 Building Construction - 2022**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
Vendor	0.0385	1.2624	0.3353	3.4400e-003	0.0896	2.4100e-003	0.0920	0.0258	2.3000e-003	0.0281		367.0719	367.0719	0.0238		367.6679
Worker	0.3340	0.2084	2.4061	7.7100e-003	0.8607	6.1500e-003	0.8668	0.2283	5.6700e-003	0.2339		768.8731	768.8731	0.0193		769.3556
Total	0.3724	1.4708	2.7413	0.0112	0.9503	8.5600e-003	0.9588	0.2541	7.9700e-003	0.2620		1,135.9450	1,135.9450	0.0431		1,137.0235

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6487	12.5031	12.7264	0.0221		0.5889	0.5889		0.5689	0.5689	0.0000	2,001.5429	2,001.5429	0.3486		2,010.2581
Total	1.6487	12.5031	12.7264	0.0221		0.5889	0.5889		0.5689	0.5689	0.0000	2,001.5429	2,001.5429	0.3486		2,010.2581

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3.5 Building Construction - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/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
Vendor	0.0385	1.2624	0.3353	3.4400e-003	0.0896	2.4100e-003	0.0920	0.0258	2.3000e-003	0.0281		367.0719	367.0719	0.0238		367.6679
Worker	0.3340	0.2084	2.4061	7.7100e-003	0.8607	6.1500e-003	0.8668	0.2283	5.6700e-003	0.2339		768.8731	768.8731	0.0193		769.3556
Total	0.3724	1.4708	2.7413	0.0112	0.9503	8.5600e-003	0.9588	0.2541	7.9700e-003	0.2620		1,135.9450	1,135.9450	0.0431		1,137.0235

3.5 Building Construction - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968		2,001.7877	2,001.7877	0.3399		2,010.2858
Total	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968		2,001.7877	2,001.7877	0.3399		2,010.2858

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3.5 Building Construction - 2023**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
Vendor	0.0287	0.9521	0.2965	3.3300e-003	0.0896	1.1300e-003	0.0907	0.0258	1.0800e-003	0.0269		356.1063	356.1063	0.0206		356.6223
Worker	0.3150	0.1885	2.2176	7.4200e-003	0.8607	5.9900e-003	0.8667	0.2283	5.5200e-003	0.2338		740.1983	740.1983	0.0174		740.6330
Total	0.3437	1.1406	2.5140	0.0108	0.9503	7.1200e-003	0.9574	0.2541	6.6000e-003	0.2607		1,096.3046	1,096.3046	0.0380		1,097.2553

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968	0.0000	2,001.7877	2,001.7877	0.3399		2,010.2858
Total	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968	0.0000	2,001.7877	2,001.7877	0.3399		2,010.2858

520 North Glendale (Sunrise) - South Coast AQMD Air District, Winter

3.5 Building Construction - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/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
Vendor	0.0287	0.9521	0.2965	3.3300e-003	0.0896	1.1300e-003	0.0907	0.0258	1.0800e-003	0.0269		356.1063	356.1063	0.0206		356.6223
Worker	0.3150	0.1885	2.2176	7.4200e-003	0.8607	5.9900e-003	0.8667	0.2283	5.5200e-003	0.2338		740.1983	740.1983	0.0174		740.6330
Total	0.3437	1.1406	2.5140	0.0108	0.9503	7.1200e-003	0.9574	0.2541	6.6000e-003	0.2607		1,096.3046	1,096.3046	0.0380		1,097.2553

3.6 Paving - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6446	6.2357	8.8024	0.0136		0.3084	0.3084		0.2846	0.2846		1,297.6880	1,297.6880	0.4114		1,307.9725
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6446	6.2357	8.8024	0.0136		0.3084	0.3084		0.2846	0.2846		1,297.6880	1,297.6880	0.4114		1,307.9725

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3.6 Paving - 2023**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
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
Worker	0.0532	0.0318	0.3744	1.2500e-003	0.1453	1.0100e-003	0.1463	0.0385	9.3000e-004	0.0395		124.9685	124.9685	2.9400e-003		125.0419
Total	0.0532	0.0318	0.3744	1.2500e-003	0.1453	1.0100e-003	0.1463	0.0385	9.3000e-004	0.0395		124.9685	124.9685	2.9400e-003		125.0419

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6446	6.2357	8.8024	0.0136		0.3084	0.3084		0.2846	0.2846	0.0000	1,297.6880	1,297.6880	0.4114		1,307.9725
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6446	6.2357	8.8024	0.0136		0.3084	0.3084		0.2846	0.2846	0.0000	1,297.6880	1,297.6880	0.4114		1,307.9725

520 North Glendale (Sunrise) - South Coast AQMD Air District, Winter

3.6 Paving - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/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
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
Worker	0.0532	0.0318	0.3744	1.2500e-003	0.1453	1.0100e-003	0.1463	0.0385	9.3000e-004	0.0395		124.9685	124.9685	2.9400e-003		125.0419
Total	0.0532	0.0318	0.3744	1.2500e-003	0.1453	1.0100e-003	0.1463	0.0385	9.3000e-004	0.0395		124.9685	124.9685	2.9400e-003		125.0419

3.7 Architectural Coating - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	6.8367					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	7.0284	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

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3.7 Architectural Coating - 2023**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
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
Worker	0.0614	0.0367	0.4320	1.4500e-003	0.1677	1.1700e-003	0.1688	0.0445	1.0800e-003	0.0455		144.1945	144.1945	3.3900e-003		144.2792
Total	0.0614	0.0367	0.4320	1.4500e-003	0.1677	1.1700e-003	0.1688	0.0445	1.0800e-003	0.0455		144.1945	144.1945	3.3900e-003		144.2792

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	6.8367					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	7.0284	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

520 North Glendale (Sunrise) - South Coast AQMD Air District, Winter

3.7 Architectural Coating - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/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
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
Worker	0.0614	0.0367	0.4320	1.4500e-003	0.1677	1.1700e-003	0.1688	0.0445	1.0800e-003	0.0455		144.1945	144.1945	3.3900e-003		144.2792
Total	0.0614	0.0367	0.4320	1.4500e-003	0.1677	1.1700e-003	0.1688	0.0445	1.0800e-003	0.0455		144.1945	144.1945	3.3900e-003		144.2792

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

520 North Glendale (Sunrise) - South Coast AQMD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3719	1.7531	4.9675	0.0200	1.7918	0.0144	1.8062	0.4794	0.0134	0.4928		2,034.9318	2,034.9318	0.0933		2,037.2653
Unmitigated	0.3719	1.7531	4.9675	0.0200	1.7918	0.0144	1.8062	0.4794	0.0134	0.4928		2,034.9318	2,034.9318	0.0933		2,037.2653

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Congregate Care (Assisted Living)	246.60	198.00	219.60	805,764	805,764
Enclosed Parking with Elevator	0.00	0.00	0.00		
Total	246.60	198.00	219.60	805,764	805,764

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
Congregate Care (Assisted Living)	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Congregate Care (Assisted Living)	0.550151	0.042593	0.202457	0.116946	0.015037	0.005825	0.021699	0.034933	0.002123	0.001780	0.004876	0.000710	0.000868
Enclosed Parking with Elevator	0.550151	0.042593	0.202457	0.116946	0.015037	0.005825	0.021699	0.034933	0.002123	0.001780	0.004876	0.000710	0.000868

520 North Glendale (Sunrise) - South Coast AQMD Air District, Winter

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0292	0.2495	0.1062	1.5900e-003		0.0202	0.0202		0.0202	0.0202		318.4645	318.4645	6.1000e-003	5.8400e-003	320.3570
NaturalGas Unmitigated	0.0292	0.2495	0.1062	1.5900e-003		0.0202	0.0202		0.0202	0.0202		318.4645	318.4645	6.1000e-003	5.8400e-003	320.3570

520 North Glendale (Sunrise) - South Coast AQMD Air District, Winter

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					
Congregate Care (Assisted Living)	2706.95	0.0292	0.2495	0.1062	1.5900e-003		0.0202	0.0202		0.0202	0.0202		318.4645	318.4645	6.1000e-003	5.8400e-003	320.3570
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0292	0.2495	0.1062	1.5900e-003		0.0202	0.0202		0.0202	0.0202		318.4645	318.4645	6.1000e-003	5.8400e-003	320.3570

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					
Congregate Care (Assisted Living)	2.70695	0.0292	0.2495	0.1062	1.5900e-003		0.0202	0.0202		0.0202	0.0202		318.4645	318.4645	6.1000e-003	5.8400e-003	320.3570
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0292	0.2495	0.1062	1.5900e-003		0.0202	0.0202		0.0202	0.0202		318.4645	318.4645	6.1000e-003	5.8400e-003	320.3570

6.0 Area Detail**6.1 Mitigation Measures Area**

520 North Glendale (Sunrise) - South Coast AQMD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	24.4271	1.9530	53.1997	0.1172		6.9161	6.9161		6.9161	6.9161	843.0227	1,633.3767	2,476.3994	2.5269	0.0572	2,556.6238
Unmitigated	24.4271	1.9530	53.1997	0.1172		6.9161	6.9161		6.9161	6.9161	843.0227	1,633.3767	2,476.3994	2.5269	0.0572	2,556.6238

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	0.0506					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5693					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	23.5832	1.8674	45.7697	0.1168		6.8750	6.8750		6.8750	6.8750	843.0227	1,620.0000	2,463.0227	2.5141	0.0572	2,542.9252
Landscaping	0.2241	0.0856	7.4301	3.9000e-004		0.0411	0.0411		0.0411	0.0411		13.3767	13.3767	0.0129		13.6986
Total	24.4271	1.9530	53.1997	0.1172		6.9161	6.9161		6.9161	6.9161	843.0227	1,633.3767	2,476.3994	2.5269	0.0572	2,556.6238

520 North Glendale (Sunrise) - South Coast AQMD Air District, Winter

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	0.0506					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5693					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	23.5832	1.8674	45.7697	0.1168		6.8750	6.8750		6.8750	6.8750	843.0227	1,620.0000	2,463.0227	2.5141	0.0572	2,542.9252
Landscaping	0.2241	0.0856	7.4301	3.9000e-004		0.0411	0.0411		0.0411	0.0411		13.3767	13.3767	0.0129		13.6986
Total	24.4271	1.9530	53.1997	0.1172		6.9161	6.9161		6.9161	6.9161	843.0227	1,633.3767	2,476.3994	2.5269	0.0572	2,556.6238

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

520 North Glendale (Sunrise) - South Coast AQMD Air District, Winter

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
