

15300.2. EXCEPTIONS

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

There are no unusual circumstances associated with the project site. The project is located on a relatively flat lot in an urban environment with similar and complimentary uses in the immediate project vicinity. The site is currently developed with an approximate 4,600 square-foot commercial building (built in 1983) and a surface parking lot. Presently, the building is vacant. According to City records, the building was last occupied by a tavern use on the ground floor and offices on the second floor. The property is zoned C1 (Neighborhood Commercial). Per GMC 30.12.020, multiple residential dwelling units are permitted in the "C1" zone in compliance with the R-1250 development standards (a CUP is required to allow residential uses on the ground floor). Furthermore, the project complies with the zoning standards in terms of density, setbacks, lot coverage, landscaping and open space. 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.

15332. IN-FILL DEVELOPMENT PROJECTS

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 use is consistent with the various elements and objectives of the General Plan. Residential uses on the ground floor are allowed in the (C1) – Neighborhood Commercial zone subject to approval of a Conditional Use Permit (CUP) and development in accordance with the (R-1250) – High Density Residential zone standards. The project, including the ground floor residential units, is consistent with the Land Use Element in that it will revitalize a currently vacant site, the design of which includes subterranean parking and a large landscaped area adjacent to Honolulu Ave. Vehicular access to the property is from Honolulu Ave. This portion of Honolulu Ave. (between La Crescenta Ave. to Lowell Ave.) is considered a minor arterial street in the Circulation Element of the City General Plan. This type of street is designed carry up to 30,000 vehicles per day. The project will increase housing type diversity and the opportunity to live in an area that has little recent residential development and is located in an easily accessible location consistent with the goals and objectives of the North Glendale Community plan.

The proposed project and the affordable housing contained within it, particularly fulfill two goals contained in the Housing Element in that it provides housing services that address groups with special needs. Goals of the Housing Element include providing a wide range of housing types to meet the needs of current and future residents and providing housing services that address groups with special needs. The project, including the provision to have ground floor residential units, is consistent with this Element in that the applicant is proposing to include affordable housing units pursuant to the Glendale Municipal Code and State Density Bonus law.

The Safety Element does not identify any hazards associated with the site. The adjacent Honolulu Ave. can accommodate the traffic generated as a result of the project. The Open Space and Conservation Element does not identify this site for open space purposes.

- (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 is located in the C1 (Neighborhood Commercial) zone within the City of Glendale boundary limits on a 13,299 SF lot, which is far less than five acres. The project is located on the north side of Honolulu Ave. between Ramsdell and La Crescenta Ave. in an urban environment with similar and complimentary uses in the immediate project vicinity. Per GMC 30.12.020, multiple residential dwelling units are permitted in the "C1" zone in compliance with the R-1250 (High Density Residential) zone development standards that permits a maximum density of 34 units per acre. Based on the zoning designation and the lot area (13,299 square feet before dedication), a total of 10 units are permitted. The Zoning Code permits additional density of one for every 1,000 square feet of lot area on lots with frontages greater than 90 feet wide. Based on this provision, four additional units are allowed by right, bringing the total allowable base density to 13.2 units (which according to Density Bonus Law, must be rounded up to 14). However, the applicant is requesting that the City apply a base density of 13 for purposes of calculating the density bonus of 35 percent, which allows five additional units above the base density, for a total of 18 units. The project is located on the north side of Honolulu Ave. between Ramsdell and La Crescenta Ave.

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

The subject and area surrounding the site has been developed, paved, or landscaped, which typically supports non-native plant species. Suitable habitat for sensitive mammal, reptile, amphibian, or fish species does not exist on the subject site or adjacent areas, and there are no wildlife migration corridors. No riparian habitat, blue-line streams, or sensitive natural communities are located on the subject site or adjacent areas.

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

Traffic

Parking for the project is provided within a one-level semi subterranean garage. Access to the 23-space, one-level semi-subterranean parking garage is on Honolulu Ave. via a driveway proposed at the eastern portion of the site. No vehicular access is proposed from the alley at the rear (north).

Based on the attached trip generation estimates staff conducted for the subject project, it is estimated to generate fewer than 50 net peak-hour trips, thus, no Traffic Impact Analysis is required.

Noise

The project is located in a developed urban area. The surrounding neighborhood is developed with a variety of commercial uses along Honolulu Ave. Residential dwellings, including units on the ground floor, are more prominent west of the subject site. Single- and multi-family residential units are located both north and south of Honolulu Ave. The proposed project would generate similar if not the same noise as other residential uses in the area. As a result, the project would not add substantial operational noise that would be audible above existing conditions.

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

The proposed Project would have a minimal effect on the noise environment in proximity to the Project site. Noise generated by the proposed Project would result primarily from visitors, off-site traffic, and heating, ventilation, and air conditioning (HVAC) equipment. However, the proposed Project's mechanical equipment would need to comply with the City's Noise Ordinance, which establishes maximum permitted noise levels from mechanical equipment. Project compliance with the City's Noise Ordinance would ensure that noise levels from building mechanical equipment would not exceed thresholds of significance.

The proposed Project would be constructed using typical construction techniques and would minimize the use of pile driving for construction, thus reducing significant vibration impacts from pile installation. Heavy construction equipment (e.g., bulldozer and excavator) would generate a limited amount of ground-borne vibration during construction activities at short distances away from the source. The use of equipment would most likely be limited to a few hours spread over several days during grading and excavation activities. As such, ground-borne vibration and noise levels associated with the proposed Project would be less than significant.

Air Quality

The California Emissions Estimator Model® (CalEEMod) was used to estimate air quality impacts during the construction and operation stages of the project. Results from the model indicate that the proposed project would not exceed thresholds for construction, area, or operational impacts. A summary of the results are attached.

Water Quality

Implementation of the proposed project will require compliance with all the NPDES requirements including the submittal and certification of plans and details showing both construction and post-construction Best Management Practices (BMPs) that are integrated into the design of the project. The submittal of a Standard Urban Stormwater Mitigation Plan (SUSMP), as approved by the City Engineer, will also be required to be integrated into the design of the project. Therefore, implementation of the proposed project is not expected to violate any water quality standards or waste water discharge requirements since the project will be required to comply with applicable permitting requirements.

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

The project site is a previously developed infill parcel 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 residential units or additions to existing units to assist in the construction

2941-2943 Honolulu Avenue

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 (GPD) 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 project site is located in an already urbanized area.

The City of Glendale Fire Department (GFD) 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.

Subject: RE: 2941-2943 Honolulu Ave. - Trip Generation

Land Use Description: Multifamily Housing (Mid-Rise) – 3 levels

ITE Code: 221

Units: Dwelling Units = 18

Trip Calculations:

Weekday trips: 98 trips (49 entering, 49 exiting)

AM Peak trips: 7 trips (2 entering, 5 exiting)

PM Peak trips: 8 trips (5 entering, 3 exiting)

The project is expected to generate fewer than 50 net peak-hour trips, thus, no Traffic Impact Analysis is required.

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, Annual

2943 Honolulu Avenue (18-Unit 3-story)
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	18.00	Dwelling Unit	0.30	18,493.00	51
Enclosed Parking with Elevator	10.64	1000sqft	0.00	10,640.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	12			Operational Year	2022
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 - 18,493 SF, 18 Dwelling Units, 3-story apartment.

Land Use - Lot size= 13299 SF (0.30 Acre); 18,493 SF, 18-unit apartment building; 10,640 SF semi-subterranean garage

Construction Phase - 4,729 CY of grading (all export) will occur over a 6-day period (one week).

Grading - 4,279 Cubic Yards of grading (all export)

Demolition - Demolition: Existing 4,612 SF building.

Energy Use -

Land Use Change - The project site is currently a 4,612 SF building and parking lot with minimal landscaping. The project site is not currently a forest land, cropland, grassland, or wetland.

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Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	2.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	PhaseEndDate	12/20/2021	12/18/2021
tblConstructionPhase	PhaseEndDate	12/6/2021	11/12/2021
tblConstructionPhase	PhaseEndDate	7/14/2021	7/12/2021
tblConstructionPhase	PhaseEndDate	7/19/2021	7/23/2021
tblConstructionPhase	PhaseEndDate	12/13/2021	12/11/2021
tblGrading	MaterialExported	0.00	4,729.00
tblLandUse	LandUseSquareFeet	18,000.00	18,493.00
tblLandUse	LotAcreage	0.47	0.30
tblLandUse	LotAcreage	0.24	0.00

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					
2021	0.1150	0.5932	0.5143	1.1100e-003	0.0228	0.0275	0.0503	6.5500e-003	0.0255	0.0320	0.0000	100.3494	100.3494	0.0209	0.0000	100.8721
Maximum	0.1150	0.5932	0.5143	1.1100e-003	0.0228	0.0275	0.0503	6.5500e-003	0.0255	0.0320	0.0000	100.3494	100.3494	0.0209	0.0000	100.8721

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					
2021	0.1150	0.5932	0.5143	1.1100e-003	0.0228	0.0275	0.0503	6.5500e-003	0.0255	0.0320	0.0000	100.3494	100.3494	0.0209	0.0000	100.8721
Maximum	0.1150	0.5932	0.5143	1.1100e-003	0.0228	0.0275	0.0503	6.5500e-003	0.0255	0.0320	0.0000	100.3494	100.3494	0.0209	0.0000	100.8721

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	7-1-2021	9-30-2021	0.4467	0.4467
		Highest	0.4467	0.4467

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	0.1380	6.8100e-003	0.3004	3.0000e-004		0.0182	0.0182		0.0182	0.0182	1.9119	3.9776	5.8895	6.0000e-003	1.3000e-004	6.0781
Energy	1.0700e-003	9.1100e-003	3.8700e-003	6.0000e-005		7.4000e-004	7.4000e-004		7.4000e-004	7.4000e-004	0.0000	79.0020	79.0020	1.9800e-003	5.6000e-004	79.2189
Mobile	0.0364	0.1919	0.5028	1.8400e-003	0.1517	1.5300e-003	0.1533	0.0407	1.4300e-003	0.0421	0.0000	169.5493	169.5493	8.7200e-003	0.0000	169.7672
Waste						0.0000	0.0000		0.0000	0.0000	1.6808	0.0000	1.6808	0.0993	0.0000	4.1640
Water						0.0000	0.0000		0.0000	0.0000	0.3721	11.8811	12.2532	0.0385	9.7000e-004	13.5043
Total	0.1755	0.2078	0.8070	2.2000e-003	0.1517	0.0205	0.1722	0.0407	0.0204	0.0611	3.9648	264.4100	268.3748	0.1546	1.6600e-003	272.7325

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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	0.1380	6.8100e-003	0.3004	3.0000e-004		0.0182	0.0182		0.0182	0.0182	1.9119	3.9776	5.8895	6.0000e-003	1.3000e-004	6.0781
Energy	1.0700e-003	9.1100e-003	3.8700e-003	6.0000e-005		7.4000e-004	7.4000e-004		7.4000e-004	7.4000e-004	0.0000	79.0020	79.0020	1.9800e-003	5.6000e-004	79.2189
Mobile	0.0364	0.1919	0.5028	1.8400e-003	0.1517	1.5300e-003	0.1533	0.0407	1.4300e-003	0.0421	0.0000	169.5493	169.5493	8.7200e-003	0.0000	169.7672
Waste						0.0000	0.0000		0.0000	0.0000	1.6808	0.0000	1.6808	0.0993	0.0000	4.1640
Water						0.0000	0.0000		0.0000	0.0000	0.3721	11.8811	12.2532	0.0385	9.7000e-004	13.5043
Total	0.1755	0.2078	0.8070	2.2000e-003	0.1517	0.0205	0.1722	0.0407	0.0204	0.0611	3.9648	264.4100	268.3748	0.1546	1.6600e-003	272.7325

	ROG	NOx	CO	SO2	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	7/1/2021	7/12/2021	6	10	
2	Site Preparation	Site Preparation	7/15/2021	7/15/2021	6	1	
3	Grading	Grading	7/16/2021	7/23/2021	6	7	
4	Building Construction	Building Construction	7/20/2021	11/12/2021	6	100	
5	Paving	Paving	12/7/2021	12/11/2021	6	5	
6	Architectural Coating	Architectural Coating	12/14/2021	12/18/2021	6	5	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 37,448; Residential Outdoor: 12,483; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 638 (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	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	0.00	21.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	591.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	17.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

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3.1 Mitigation Measures Construction**3.2 Demolition - 2021****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.2700e-003	0.0000	2.2700e-003	3.4000e-004	0.0000	3.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.9800e-003	0.0363	0.0379	6.0000e-005		2.0400e-003	2.0400e-003		1.9400e-003	1.9400e-003	0.0000	5.2047	5.2047	9.7000e-004	0.0000	5.2289
Total	3.9800e-003	0.0363	0.0379	6.0000e-005	2.2700e-003	2.0400e-003	4.3100e-003	3.4000e-004	1.9400e-003	2.2800e-003	0.0000	5.2047	5.2047	9.7000e-004	0.0000	5.2289

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3.2 Demolition - 2021**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	9.0000e-005	2.9100e-003	6.8000e-004	1.0000e-005	1.8000e-004	1.0000e-005	1.9000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.8004	0.8004	6.0000e-005	0.0000	0.8018
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-004	1.7000e-004	1.8900e-003	1.0000e-005	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4945	0.4945	1.0000e-005	0.0000	0.4948
Total	3.1000e-004	3.0800e-003	2.5700e-003	2.0000e-005	7.3000e-004	1.0000e-005	7.4000e-004	2.0000e-004	1.0000e-005	2.1000e-004	0.0000	1.2949	1.2949	7.0000e-005	0.0000	1.2966

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.2700e-003	0.0000	2.2700e-003	3.4000e-004	0.0000	3.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.9800e-003	0.0363	0.0379	6.0000e-005		2.0400e-003	2.0400e-003		1.9400e-003	1.9400e-003	0.0000	5.2047	5.2047	9.7000e-004	0.0000	5.2289
Total	3.9800e-003	0.0363	0.0379	6.0000e-005	2.2700e-003	2.0400e-003	4.3100e-003	3.4000e-004	1.9400e-003	2.2800e-003	0.0000	5.2047	5.2047	9.7000e-004	0.0000	5.2289

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3.2 Demolition - 2021**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	9.0000e-005	2.9100e-003	6.8000e-004	1.0000e-005	1.8000e-004	1.0000e-005	1.9000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.8004	0.8004	6.0000e-005	0.0000	0.8018
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-004	1.7000e-004	1.8900e-003	1.0000e-005	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4945	0.4945	1.0000e-005	0.0000	0.4948
Total	3.1000e-004	3.0800e-003	2.5700e-003	2.0000e-005	7.3000e-004	1.0000e-005	7.4000e-004	2.0000e-004	1.0000e-005	2.1000e-004	0.0000	1.2949	1.2949	7.0000e-005	0.0000	1.2966

3.3 Site Preparation - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2000e-004	3.9100e-003	2.0100e-003	0.0000		1.5000e-004	1.5000e-004		1.4000e-004	1.4000e-004	0.0000	0.4276	0.4276	1.4000e-004	0.0000	0.4310
Total	3.2000e-004	3.9100e-003	2.0100e-003	0.0000	2.7000e-004	1.5000e-004	4.2000e-004	3.0000e-005	1.4000e-004	1.7000e-004	0.0000	0.4276	0.4276	1.4000e-004	0.0000	0.4310

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3.3 Site Preparation - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	9.0000e-005	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0247	0.0247	0.0000	0.0000	0.0247
Total	1.0000e-005	1.0000e-005	9.0000e-005	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0247	0.0247	0.0000	0.0000	0.0247

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2000e-004	3.9100e-003	2.0100e-003	0.0000		1.5000e-004	1.5000e-004		1.4000e-004	1.4000e-004	0.0000	0.4276	0.4276	1.4000e-004	0.0000	0.4310
Total	3.2000e-004	3.9100e-003	2.0100e-003	0.0000	2.7000e-004	1.5000e-004	4.2000e-004	3.0000e-005	1.4000e-004	1.7000e-004	0.0000	0.4276	0.4276	1.4000e-004	0.0000	0.4310

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3.3 Site Preparation - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	9.0000e-005	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0247	0.0247	0.0000	0.0000	0.0247
Total	1.0000e-005	1.0000e-005	9.0000e-005	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0247	0.0247	0.0000	0.0000	0.0247

3.4 Grading - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.9000e-003	0.0000	2.9000e-003	1.4900e-003	0.0000	1.4900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.7900e-003	0.0254	0.0265	4.0000e-005		1.4300e-003	1.4300e-003		1.3600e-003	1.3600e-003	0.0000	3.6433	3.6433	6.8000e-004	0.0000	3.6602
Total	2.7900e-003	0.0254	0.0265	4.0000e-005	2.9000e-003	1.4300e-003	4.3300e-003	1.4900e-003	1.3600e-003	2.8500e-003	0.0000	3.6433	3.6433	6.8000e-004	0.0000	3.6602

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3.4 Grading - 2021**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	2.4900e-003	0.0818	0.0191	2.3000e-004	5.0800e-003	2.4000e-004	5.3200e-003	1.3900e-003	2.3000e-004	1.6300e-003	0.0000	22.5259	22.5259	1.5600e-003	0.0000	22.5649
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	1.5000e-004	1.2000e-004	1.3200e-003	0.0000	3.8000e-004	0.0000	3.9000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3461	0.3461	1.0000e-005	0.0000	0.3464
Total	2.6400e-003	0.0819	0.0204	2.3000e-004	5.4600e-003	2.4000e-004	5.7100e-003	1.4900e-003	2.3000e-004	1.7300e-003	0.0000	22.8720	22.8720	1.5700e-003	0.0000	22.9113

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.9000e-003	0.0000	2.9000e-003	1.4900e-003	0.0000	1.4900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.7900e-003	0.0254	0.0265	4.0000e-005		1.4300e-003	1.4300e-003		1.3600e-003	1.3600e-003	0.0000	3.6433	3.6433	6.8000e-004	0.0000	3.6602
Total	2.7900e-003	0.0254	0.0265	4.0000e-005	2.9000e-003	1.4300e-003	4.3300e-003	1.4900e-003	1.3600e-003	2.8500e-003	0.0000	3.6433	3.6433	6.8000e-004	0.0000	3.6602

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3.4 Grading - 2021**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	2.4900e-003	0.0818	0.0191	2.3000e-004	5.0800e-003	2.4000e-004	5.3200e-003	1.3900e-003	2.3000e-004	1.6300e-003	0.0000	22.5259	22.5259	1.5600e-003	0.0000	22.5649
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	1.5000e-004	1.2000e-004	1.3200e-003	0.0000	3.8000e-004	0.0000	3.9000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.3461	0.3461	1.0000e-005	0.0000	0.3464
Total	2.6400e-003	0.0819	0.0204	2.3000e-004	5.4600e-003	2.4000e-004	5.7100e-003	1.4900e-003	2.3000e-004	1.7300e-003	0.0000	22.8720	22.8720	1.5700e-003	0.0000	22.9113

3.5 Building Construction - 2021**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	0.0388	0.3993	0.3632	5.7000e-004		0.0224	0.0224		0.0206	0.0206	0.0000	50.0410	50.0410	0.0162	0.0000	50.4456
Total	0.0388	0.3993	0.3632	5.7000e-004		0.0224	0.0224		0.0206	0.0206	0.0000	50.0410	50.0410	0.0162	0.0000	50.4456

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3.5 Building Construction - 2021**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	6.2000e-004	0.0197	5.3500e-003	5.0000e-005	1.2600e-003	4.0000e-005	1.3000e-003	3.6000e-004	4.0000e-005	4.0000e-004	0.0000	4.9299	4.9299	3.0000e-004	0.0000	4.9375
Worker	3.6600e-003	2.8500e-003	0.0321	9.0000e-005	9.3100e-003	8.0000e-005	9.3900e-003	2.4700e-003	7.0000e-005	2.5400e-003	0.0000	8.4058	8.4058	2.5000e-004	0.0000	8.4120
Total	4.2800e-003	0.0226	0.0375	1.4000e-004	0.0106	1.2000e-004	0.0107	2.8300e-003	1.1000e-004	2.9400e-003	0.0000	13.3357	13.3357	5.5000e-004	0.0000	13.3495

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	0.0388	0.3993	0.3632	5.7000e-004		0.0224	0.0224		0.0206	0.0206	0.0000	50.0410	50.0410	0.0162	0.0000	50.4456
Total	0.0388	0.3993	0.3632	5.7000e-004		0.0224	0.0224		0.0206	0.0206	0.0000	50.0410	50.0410	0.0162	0.0000	50.4456

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3.5 Building Construction - 2021**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	6.2000e-004	0.0197	5.3500e-003	5.0000e-005	1.2600e-003	4.0000e-005	1.3000e-003	3.6000e-004	4.0000e-005	4.0000e-004	0.0000	4.9299	4.9299	3.0000e-004	0.0000	4.9375
Worker	3.6600e-003	2.8500e-003	0.0321	9.0000e-005	9.3100e-003	8.0000e-005	9.3900e-003	2.4700e-003	7.0000e-005	2.5400e-003	0.0000	8.4058	8.4058	2.5000e-004	0.0000	8.4120
Total	4.2800e-003	0.0226	0.0375	1.4000e-004	0.0106	1.2000e-004	0.0107	2.8300e-003	1.1000e-004	2.9400e-003	0.0000	13.3357	13.3357	5.5000e-004	0.0000	13.3495

3.6 Paving - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.8000e-003	0.0168	0.0177	3.0000e-005		8.8000e-004	8.8000e-004		8.2000e-004	8.2000e-004	0.0000	2.3481	2.3481	6.8000e-004	0.0000	2.3652
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.8000e-003	0.0168	0.0177	3.0000e-005		8.8000e-004	8.8000e-004		8.2000e-004	8.2000e-004	0.0000	2.3481	2.3481	6.8000e-004	0.0000	2.3652

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3.6 Paving - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9000e-004	1.5000e-004	1.7000e-003	0.0000	4.9000e-004	0.0000	5.0000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.4450	0.4450	1.0000e-005	0.0000	0.4453
Total	1.9000e-004	1.5000e-004	1.7000e-003	0.0000	4.9000e-004	0.0000	5.0000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.4450	0.4450	1.0000e-005	0.0000	0.4453

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.8000e-003	0.0168	0.0177	3.0000e-005		8.8000e-004	8.8000e-004		8.2000e-004	8.2000e-004	0.0000	2.3481	2.3481	6.8000e-004	0.0000	2.3652
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.8000e-003	0.0168	0.0177	3.0000e-005		8.8000e-004	8.8000e-004		8.2000e-004	8.2000e-004	0.0000	2.3481	2.3481	6.8000e-004	0.0000	2.3652

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3.6 Paving - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9000e-004	1.5000e-004	1.7000e-003	0.0000	4.9000e-004	0.0000	5.0000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.4450	0.4450	1.0000e-005	0.0000	0.4453
Total	1.9000e-004	1.5000e-004	1.7000e-003	0.0000	4.9000e-004	0.0000	5.0000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.4450	0.4450	1.0000e-005	0.0000	0.4453

3.7 Architectural Coating - 2021**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	0.0593					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.5000e-004	3.8200e-003	4.5400e-003	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6394
Total	0.0599	3.8200e-003	4.5400e-003	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6394

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3.7 Architectural Coating - 2021**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	3.0000e-005	3.0000e-005	2.8000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0742	0.0742	0.0000	0.0000	0.0742
Total	3.0000e-005	3.0000e-005	2.8000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0742	0.0742	0.0000	0.0000	0.0742

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	0.0593					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.5000e-004	3.8200e-003	4.5400e-003	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6394
Total	0.0599	3.8200e-003	4.5400e-003	1.0000e-005		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6394

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3.7 Architectural Coating - 2021**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	3.0000e-005	3.0000e-005	2.8000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0742	0.0742	0.0000	0.0000	0.0742
Total	3.0000e-005	3.0000e-005	2.8000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0742	0.0742	0.0000	0.0000	0.0742

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	0.0364	0.1919	0.5028	1.8400e-003	0.1517	1.5300e-003	0.1533	0.0407	1.4300e-003	0.0421	0.0000	169.5493	169.5493	8.7200e-003	0.0000	169.7672
Unmitigated	0.0364	0.1919	0.5028	1.8400e-003	0.1517	1.5300e-003	0.1533	0.0407	1.4300e-003	0.0421	0.0000	169.5493	169.5493	8.7200e-003	0.0000	169.7672

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	119.70	115.02	105.48	399,807	399,807
Enclosed Parking with Elevator	0.00	0.00	0.00		
Total	119.70	115.02	105.48	399,807	399,807

4.3 Trip Type Information

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

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876
Enclosed Parking with Elevator	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876

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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	68.4569	68.4569	1.7800e-003	3.7000e-004	68.6112
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	68.4569	68.4569	1.7800e-003	3.7000e-004	68.6112
NaturalGas Mitigated	1.0700e-003	9.1100e-003	3.8700e-003	6.0000e-005		7.4000e-004	7.4000e-004		7.4000e-004	7.4000e-004	0.0000	10.5451	10.5451	2.0000e-004	1.9000e-004	10.6077
NaturalGas Unmitigated	1.0700e-003	9.1100e-003	3.8700e-003	6.0000e-005		7.4000e-004	7.4000e-004		7.4000e-004	7.4000e-004	0.0000	10.5451	10.5451	2.0000e-004	1.9000e-004	10.6077

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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					
Apartments Mid Rise	197607	1.0700e-003	9.1100e-003	3.8700e-003	6.0000e-005		7.4000e-004	7.4000e-004		7.4000e-004	7.4000e-004	0.0000	10.5451	10.5451	2.0000e-004	1.9000e-004	10.6077
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		1.0700e-003	9.1100e-003	3.8700e-003	6.0000e-005		7.4000e-004	7.4000e-004		7.4000e-004	7.4000e-004	0.0000	10.5451	10.5451	2.0000e-004	1.9000e-004	10.6077

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	197607	1.0700e-003	9.1100e-003	3.8700e-003	6.0000e-005		7.4000e-004	7.4000e-004		7.4000e-004	7.4000e-004	0.0000	10.5451	10.5451	2.0000e-004	1.9000e-004	10.6077
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		1.0700e-003	9.1100e-003	3.8700e-003	6.0000e-005		7.4000e-004	7.4000e-004		7.4000e-004	7.4000e-004	0.0000	10.5451	10.5451	2.0000e-004	1.9000e-004	10.6077

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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			
Apartments Mid Rise	72965.3	36.9135	9.6000e-004	2.0000e-004	36.9967
Enclosed Parking with Elevator	62350.4	31.5434	8.2000e-004	1.7000e-004	31.6145
Total		68.4569	1.7800e-003	3.7000e-004	68.6112

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	72965.3	36.9135	9.6000e-004	2.0000e-004	36.9967
Enclosed Parking with Elevator	62350.4	31.5434	8.2000e-004	1.7000e-004	31.6145
Total		68.4569	1.7800e-003	3.7000e-004	68.6112

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	0.1380	6.8100e-003	0.3004	3.0000e-004		0.0182	0.0182		0.0182	0.0182	1.9119	3.9776	5.8895	6.0000e-003	1.3000e-004	6.0781
Unmitigated	0.1380	6.8100e-003	0.3004	3.0000e-004		0.0182	0.0182		0.0182	0.0182	1.9119	3.9776	5.8895	6.0000e-003	1.3000e-004	6.0781

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	5.9300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0675					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0590	4.6700e-003	0.1144	2.9000e-004		0.0172	0.0172		0.0172	0.0172	1.9119	3.6741	5.5860	5.7000e-003	1.3000e-004	5.7673
Landscaping	5.6300e-003	2.1400e-003	0.1860	1.0000e-005		1.0300e-003	1.0300e-003		1.0300e-003	1.0300e-003	0.0000	0.3035	0.3035	2.9000e-004	0.0000	0.3108
Total	0.1380	6.8100e-003	0.3004	3.0000e-004		0.0182	0.0182		0.0182	0.0182	1.9119	3.9776	5.8895	5.9900e-003	1.3000e-004	6.0781

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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	5.9300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0675					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0590	4.6700e-003	0.1144	2.9000e-004		0.0172	0.0172		0.0172	0.0172	1.9119	3.6741	5.5860	5.7000e-003	1.3000e-004	5.7673
Landscaping	5.6300e-003	2.1400e-003	0.1860	1.0000e-005		1.0300e-003	1.0300e-003		1.0300e-003	1.0300e-003	0.0000	0.3035	0.3035	2.9000e-004	0.0000	0.3108
Total	0.1380	6.8100e-003	0.3004	3.0000e-004		0.0182	0.0182		0.0182	0.0182	1.9119	3.9776	5.8895	5.9900e-003	1.3000e-004	6.0781

7.0 Water Detail**7.1 Mitigation Measures Water**

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	12.2532	0.0385	9.7000e-004	13.5043
Unmitigated	12.2532	0.0385	9.7000e-004	13.5043

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	1.17277 / 0.739357	12.2532	0.0385	9.7000e-004	13.5043
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		12.2532	0.0385	9.7000e-004	13.5043

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7.2 Water by Land Use**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	1.17277 / 0.739357	12.2532	0.0385	9.7000e-004	13.5043
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		12.2532	0.0385	9.7000e-004	13.5043

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

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1.6808	0.0993	0.0000	4.1640
Unmitigated	1.6808	0.0993	0.0000	4.1640

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, Annual

8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	8.28	1.6808	0.0993	0.0000	4.1640
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Total		1.6808	0.0993	0.0000	4.1640

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	8.28	1.6808	0.0993	0.0000	4.1640
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Total		1.6808	0.0993	0.0000	4.1640

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, Annual

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

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, Summer

2943 Honolulu Avenue (18-Unit 3-story)
Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	18.00	Dwelling Unit	0.30	18,493.00	51
Enclosed Parking with Elevator	10.64	1000sqft	0.00	10,640.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	12			Operational Year	2022
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 - 18,493 SF, 18 Dwelling Units, 3-story apartment.

Land Use - Lot size= 13299 SF (0.30 Acre); 18,493 SF, 18-unit apartment building; 10,640 SF semi-subterranean garage

Construction Phase - 4,729 CY of grading (all export) will occur over a 6-day period (one week).

Grading - 4,279 Cubic Yards of grading (all export)

Demolition - Demolition: Existing 4,612 SF building.

Energy Use -

Land Use Change - The project site is currently a 4,612 SF building and parking lot with minimal landscaping. The project site is not currently a forest land, cropland, grassland, or wetland.

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, Summer

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	2.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	PhaseEndDate	12/20/2021	12/18/2021
tblConstructionPhase	PhaseEndDate	12/6/2021	11/12/2021
tblConstructionPhase	PhaseEndDate	7/14/2021	7/12/2021
tblConstructionPhase	PhaseEndDate	7/19/2021	7/23/2021
tblConstructionPhase	PhaseEndDate	12/13/2021	12/11/2021
tblGrading	MaterialExported	0.00	4,729.00
tblLandUse	LandUseSquareFeet	18,000.00	18,493.00
tblLandUse	LotAcreage	0.47	0.30
tblLandUse	LotAcreage	0.24	0.00

2.0 Emissions Summary

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, 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					
2021	23.9662	38.3533	21.3320	0.0934	2.6328	0.9276	3.5605	0.9174	0.8698	1.7873	0.0000	9,814.4946	9,814.4946	1.0712	0.0000	9,841.2736
Maximum	23.9662	38.3533	21.3320	0.0934	2.6328	0.9276	3.5605	0.9174	0.8698	1.7873	0.0000	9,814.4946	9,814.4946	1.0712	0.0000	9,841.2736

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					
2021	23.9662	38.3533	21.3320	0.0934	2.6328	0.9276	3.5605	0.9174	0.8698	1.7873	0.0000	9,814.4946	9,814.4946	1.0712	0.0000	9,841.2736
Maximum	23.9662	38.3533	21.3320	0.0934	2.6328	0.9276	3.5605	0.9174	0.8698	1.7873	0.0000	9,814.4946	9,814.4946	1.0712	0.0000	9,841.2736

[illegible]

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, 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	5.1641	0.3906	10.6416	0.0234		1.3832	1.3832		1.3832	1.3832	168.6045	326.6763	495.2808	0.5054	0.0114	511.3260
Energy	5.8400e-003	0.0499	0.0212	3.2000e-004		4.0300e-003	4.0300e-003		4.0300e-003	4.0300e-003		63.6929	63.6929	1.2200e-003	1.1700e-003	64.0714
Mobile	0.2159	1.0334	2.9397	0.0107	0.8698	8.6200e-003	0.8784	0.2328	8.0400e-003	0.2408		1,088.4535	1,088.4535	0.0544		1,089.8139
Total	5.3858	1.4739	13.6026	0.0345	0.8698	1.3959	2.2657	0.2328	1.3953	1.6281	168.6045	1,478.8227	1,647.4272	0.5610	0.0126	1,665.2112

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	5.1641	0.3906	10.6416	0.0234		1.3832	1.3832		1.3832	1.3832	168.6045	326.6763	495.2808	0.5054	0.0114	511.3260
Energy	5.8400e-003	0.0499	0.0212	3.2000e-004		4.0300e-003	4.0300e-003		4.0300e-003	4.0300e-003		63.6929	63.6929	1.2200e-003	1.1700e-003	64.0714
Mobile	0.2159	1.0334	2.9397	0.0107	0.8698	8.6200e-003	0.8784	0.2328	8.0400e-003	0.2408		1,088.4535	1,088.4535	0.0544		1,089.8139
Total	5.3858	1.4739	13.6026	0.0345	0.8698	1.3959	2.2657	0.2328	1.3953	1.6281	168.6045	1,478.8227	1,647.4272	0.5610	0.0126	1,665.2112

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, 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	7/1/2021	7/12/2021	6	10	
2	Site Preparation	Site Preparation	7/15/2021	7/15/2021	6	1	
3	Grading	Grading	7/16/2021	7/23/2021	6	7	
4	Building Construction	Building Construction	7/20/2021	11/12/2021	6	100	
5	Paving	Paving	12/7/2021	12/11/2021	6	5	
6	Architectural Coating	Architectural Coating	12/14/2021	12/18/2021	6	5	

Acres of Grading (Site Preparation Phase): 0.5**Acres of Grading (Grading Phase): 0****Acres of Paving: 0****Residential Indoor: 37,448; Residential Outdoor: 12,483; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 638 (Architectural Coating – sqft)****OffRoad Equipment**

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, 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	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	0.00	21.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	591.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	17.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, Summer

3.1 Mitigation Measures Construction**3.2 Demolition - 2021****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					0.4540	0.0000	0.4540	0.0687	0.0000	0.0687			0.0000			0.0000
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886		1,147.433 8	1,147.433 8	0.2138		1,152.779 7
Total	0.7965	7.2530	7.5691	0.0120	0.4540	0.4073	0.8613	0.0687	0.3886	0.4573		1,147.433 8	1,147.433 8	0.2138		1,152.779 7

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, Summer

3.2 Demolition - 2021**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	0.0175	0.5633	0.1321	1.6400e-003	0.0367	1.7300e-003	0.0385	0.0101	1.6500e-003	0.0117		177.7537	177.7537	0.0121		178.0553
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	0.0429	0.0295	0.4028	1.1400e-003	0.1118	9.0000e-004	0.1127	0.0296	8.3000e-004	0.0305		113.8770	113.8770	3.3600e-003		113.9609
Total	0.0604	0.5928	0.5349	2.7800e-003	0.1485	2.6300e-003	0.1511	0.0397	2.4800e-003	0.0422		291.6307	291.6307	0.0154		292.0162

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					0.4540	0.0000	0.4540	0.0687	0.0000	0.0687			0.0000			0.0000
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886	0.0000	1,147.4338	1,147.4338	0.2138		1,152.7797
Total	0.7965	7.2530	7.5691	0.0120	0.4540	0.4073	0.8613	0.0687	0.3886	0.4573	0.0000	1,147.4338	1,147.4338	0.2138		1,152.7797

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3.2 Demolition - 2021**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	0.0175	0.5633	0.1321	1.6400e-003	0.0367	1.7300e-003	0.0385	0.0101	1.6500e-003	0.0117		177.7537	177.7537	0.0121		178.0553
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	0.0429	0.0295	0.4028	1.1400e-003	0.1118	9.0000e-004	0.1127	0.0296	8.3000e-004	0.0305		113.8770	113.8770	3.3600e-003		113.9609
Total	0.0604	0.5928	0.5349	2.7800e-003	0.1485	2.6300e-003	0.1511	0.0397	2.4800e-003	0.0422		291.6307	291.6307	0.0154		292.0162

3.3 Site Preparation - 2021**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					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6403	7.8204	4.0274	9.7300e-003		0.2995	0.2995		0.2755	0.2755		942.5842	942.5842	0.3049		950.2055
Total	0.6403	7.8204	4.0274	9.7300e-003	0.5303	0.2995	0.8297	0.0573	0.2755	0.3328		942.5842	942.5842	0.3049		950.2055

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3.3 Site Preparation - 2021**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	0.0214	0.0147	0.2014	5.7000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.2000e-004	0.0152		56.9385	56.9385	1.6800e-003		56.9804
Total	0.0214	0.0147	0.2014	5.7000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.2000e-004	0.0152		56.9385	56.9385	1.6800e-003		56.9804

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					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6403	7.8204	4.0274	9.7300e-003		0.2995	0.2995		0.2755	0.2755	0.0000	942.5842	942.5842	0.3049		950.2055
Total	0.6403	7.8204	4.0274	9.7300e-003	0.5303	0.2995	0.8297	0.0573	0.2755	0.3328	0.0000	942.5842	942.5842	0.3049		950.2055

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, Summer

3.3 Site Preparation - 2021**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	0.0214	0.0147	0.2014	5.7000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.2000e-004	0.0152		56.9385	56.9385	1.6800e-003		56.9804
Total	0.0214	0.0147	0.2014	5.7000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.2000e-004	0.0152		56.9385	56.9385	1.6800e-003		56.9804

3.4 Grading - 2021**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					0.8292	0.0000	0.8292	0.4254	0.0000	0.4254			0.0000			0.0000
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886		1,147.4338	1,147.4338	0.2138		1,152.7797
Total	0.7965	7.2530	7.5691	0.0120	0.8292	0.4073	1.2365	0.4254	0.3886	0.8140		1,147.4338	1,147.4338	0.2138		1,152.7797

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, Summer

3.4 Grading - 2021**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	0.7040	22.6474	5.3102	0.0659	1.4763	0.0695	1.5458	0.4047	0.0665	0.4712		7,146.424 9	7,146.424 9	0.4850		7,158.549 5
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0429	0.0295	0.4028	1.1400e-003	0.1118	9.0000e-004	0.1127	0.0296	8.3000e-004	0.0305		113.8770	113.8770	3.3600e-003		113.9609
Total	0.7468	22.6769	5.7129	0.0670	1.5881	0.0704	1.6585	0.4343	0.0673	0.5017		7,260.301 9	7,260.301 9	0.4883		7,272.510 4

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					0.8292	0.0000	0.8292	0.4254	0.0000	0.4254			0.0000			0.0000
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886	0.0000	1,147.433 8	1,147.433 8	0.2138		1,152.779 7
Total	0.7965	7.2530	7.5691	0.0120	0.8292	0.4073	1.2365	0.4254	0.3886	0.8140	0.0000	1,147.433 8	1,147.433 8	0.2138		1,152.779 7

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, Summer

3.4 Grading - 2021**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	0.7040	22.6474	5.3102	0.0659	1.4763	0.0695	1.5458	0.4047	0.0665	0.4712		7,146.4249	7,146.4249	0.4850		7,158.5495
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	0.0429	0.0295	0.4028	1.1400e-003	0.1118	9.0000e-004	0.1127	0.0296	8.3000e-004	0.0305		113.8770	113.8770	3.3600e-003		113.9609
Total	0.7468	22.6769	5.7129	0.0670	1.5881	0.0704	1.6585	0.4343	0.0673	0.5017		7,260.3019	7,260.3019	0.4883		7,272.5104

3.5 Building Construction - 2021**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	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.2158	1,103.2158	0.3568		1,112.1358
Total	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.2158	1,103.2158	0.3568		1,112.1358

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3.5 Building Construction - 2021**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	0.0122	0.3884	0.1015	1.0300e-003	0.0256	7.9000e-004	0.0264	7.3700e-003	7.6000e-004	8.1300e-003		109.9523	109.9523	6.4800e-003		110.1142
Worker	0.0729	0.0501	0.6847	1.9400e-003	0.1900	1.5400e-003	0.1916	0.0504	1.4100e-003	0.0518		193.5909	193.5909	5.7000e-003		193.7335
Total	0.0850	0.4385	0.7863	2.9700e-003	0.2156	2.3300e-003	0.2180	0.0578	2.1700e-003	0.0599		303.5431	303.5431	0.0122		303.8477

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	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117	0.0000	1,103.2158	1,103.2158	0.3568		1,112.1358
Total	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117	0.0000	1,103.2158	1,103.2158	0.3568		1,112.1358

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3.5 Building Construction - 2021**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	0.0122	0.3884	0.1015	1.0300e-003	0.0256	7.9000e-004	0.0264	7.3700e-003	7.6000e-004	8.1300e-003		109.9523	109.9523	6.4800e-003		110.1142
Worker	0.0729	0.0501	0.6847	1.9400e-003	0.1900	1.5400e-003	0.1916	0.0504	1.4100e-003	0.0518		193.5909	193.5909	5.7000e-003		193.7335
Total	0.0850	0.4385	0.7863	2.9700e-003	0.2156	2.3300e-003	0.2180	0.0578	2.1700e-003	0.0599		303.5431	303.5431	0.0122		303.8477

3.6 Paving - 2021**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	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286		1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286		1,035.3425	1,035.3425	0.3016		1,042.8818

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3.6 Paving - 2021**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	0.0772	0.0530	0.7250	2.0600e-003	0.2012	1.6300e-003	0.2028	0.0534	1.5000e-003	0.0549		204.9786	204.9786	6.0400e-003		205.1296
Total	0.0772	0.0530	0.7250	2.0600e-003	0.2012	1.6300e-003	0.2028	0.0534	1.5000e-003	0.0549		204.9786	204.9786	6.0400e-003		205.1296

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	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286	0.0000	1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286	0.0000	1,035.3425	1,035.3425	0.3016		1,042.8818

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3.6 Paving - 2021**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	0.0772	0.0530	0.7250	2.0600e-003	0.2012	1.6300e-003	0.2028	0.0534	1.5000e-003	0.0549		204.9786	204.9786	6.0400e-003		205.1296
Total	0.0772	0.0530	0.7250	2.0600e-003	0.2012	1.6300e-003	0.2028	0.0534	1.5000e-003	0.0549		204.9786	204.9786	6.0400e-003		205.1296

3.7 Architectural Coating - 2021**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	23.7344					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	23.9533	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

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3.7 Architectural Coating - 2021**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	0.0129	8.8400e-003	0.1208	3.4000e-004	0.0335	2.7000e-004	0.0338	8.8900e-003	2.5000e-004	9.1400e-003		34.1631	34.1631	1.0100e-003		34.1883
Total	0.0129	8.8400e-003	0.1208	3.4000e-004	0.0335	2.7000e-004	0.0338	8.8900e-003	2.5000e-004	9.1400e-003		34.1631	34.1631	1.0100e-003		34.1883

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	23.7344					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	23.9533	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, Summer

3.7 Architectural Coating - 2021**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	0.0129	8.8400e-003	0.1208	3.4000e-004	0.0335	2.7000e-004	0.0338	8.8900e-003	2.5000e-004	9.1400e-003		34.1631	34.1631	1.0100e-003		34.1883
Total	0.0129	8.8400e-003	0.1208	3.4000e-004	0.0335	2.7000e-004	0.0338	8.8900e-003	2.5000e-004	9.1400e-003		34.1631	34.1631	1.0100e-003		34.1883

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

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, 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	0.2159	1.0334	2.9397	0.0107	0.8698	8.6200e-003	0.8784	0.2328	8.0400e-003	0.2408		1,088.4535	1,088.4535	0.0544		1,089.8139
Unmitigated	0.2159	1.0334	2.9397	0.0107	0.8698	8.6200e-003	0.8784	0.2328	8.0400e-003	0.2408		1,088.4535	1,088.4535	0.0544		1,089.8139

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	119.70	115.02	105.48	399,807	399,807
Enclosed Parking with Elevator	0.00	0.00	0.00		
Total	119.70	115.02	105.48	399,807	399,807

4.3 Trip Type Information

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

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876
Enclosed Parking with Elevator	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, 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	5.8400e-003	0.0499	0.0212	3.2000e-004		4.0300e-003	4.0300e-003		4.0300e-003	4.0300e-003		63.6929	63.6929	1.2200e-003	1.1700e-003	64.0714
NaturalGas Unmitigated	5.8400e-003	0.0499	0.0212	3.2000e-004		4.0300e-003	4.0300e-003		4.0300e-003	4.0300e-003		63.6929	63.6929	1.2200e-003	1.1700e-003	64.0714

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, 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					
Apartments Mid Rise	541.39	5.8400e-003	0.0499	0.0212	3.2000e-004		4.0300e-003	4.0300e-003		4.0300e-003	4.0300e-003		63.6929	63.6929	1.2200e-003	1.1700e-003	64.0714
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		5.8400e-003	0.0499	0.0212	3.2000e-004		4.0300e-003	4.0300e-003		4.0300e-003	4.0300e-003		63.6929	63.6929	1.2200e-003	1.1700e-003	64.0714

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	0.54139	5.8400e-003	0.0499	0.0212	3.2000e-004		4.0300e-003	4.0300e-003		4.0300e-003	4.0300e-003		63.6929	63.6929	1.2200e-003	1.1700e-003	64.0714
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		5.8400e-003	0.0499	0.0212	3.2000e-004		4.0300e-003	4.0300e-003		4.0300e-003	4.0300e-003		63.6929	63.6929	1.2200e-003	1.1700e-003	64.0714

6.0 Area Detail**6.1 Mitigation Measures Area**

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, 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	5.1641	0.3906	10.6416	0.0234		1.3832	1.3832		1.3832	1.3832	168.6045	326.6763	495.2808	0.5054	0.0114	511.3260
Unmitigated	5.1641	0.3906	10.6416	0.0234		1.3832	1.3832		1.3832	1.3832	168.6045	326.6763	495.2808	0.5054	0.0114	511.3260

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	0.0325					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3699					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	4.7167	0.3735	9.1539	0.0234		1.3750	1.3750		1.3750	1.3750	168.6045	324.0000	492.6045	0.5028	0.0114	508.5850
Landscaping	0.0450	0.0172	1.4877	8.0000e-005		8.2200e-003	8.2200e-003		8.2200e-003	8.2200e-003		2.6763	2.6763	2.5900e-003		2.7409
Total	5.1641	0.3906	10.6416	0.0234		1.3832	1.3832		1.3832	1.3832	168.6045	326.6763	495.2808	0.5054	0.0114	511.3260

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, 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	0.0325					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3699					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	4.7167	0.3735	9.1539	0.0234		1.3750	1.3750		1.3750	1.3750	168.6045	324.0000	492.6045	0.5028	0.0114	508.5850
Landscaping	0.0450	0.0172	1.4877	8.0000e-005		8.2200e-003	8.2200e-003		8.2200e-003	8.2200e-003		2.6763	2.6763	2.5900e-003		2.7409
Total	5.1641	0.3906	10.6416	0.0234		1.3832	1.3832		1.3832	1.3832	168.6045	326.6763	495.2808	0.5054	0.0114	511.3260

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

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, 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

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, Winter

2943 Honolulu Avenue (18-Unit 3-story)
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	18.00	Dwelling Unit	0.30	18,493.00	51
Enclosed Parking with Elevator	10.64	1000sqft	0.00	10,640.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	12			Operational Year	2022
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 - 18,493 SF, 18 Dwelling Units, 3-story apartment.

Land Use - Lot size= 13299 SF (0.30 Acre); 18,493 SF, 18-unit apartment building; 10,640 SF semi-subterranean garage

Construction Phase - 4,729 CY of grading (all export) will occur over a 6-day period (one week).

Grading - 4,279 Cubic Yards of grading (all export)

Demolition - Demolition: Existing 4,612 SF building.

Energy Use -

Land Use Change - The project site is currently a 4,612 SF building and parking lot with minimal landscaping. The project site is not currently a forest land, cropland, grassland, or wetland.

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, Winter

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	2.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	PhaseEndDate	12/20/2021	12/18/2021
tblConstructionPhase	PhaseEndDate	12/6/2021	11/12/2021
tblConstructionPhase	PhaseEndDate	7/14/2021	7/12/2021
tblConstructionPhase	PhaseEndDate	7/19/2021	7/23/2021
tblConstructionPhase	PhaseEndDate	12/13/2021	12/11/2021
tblGrading	MaterialExported	0.00	4,729.00
tblLandUse	LandUseSquareFeet	18,000.00	18,493.00
tblLandUse	LotAcreage	0.47	0.30
tblLandUse	LotAcreage	0.24	0.00

2.0 Emissions Summary

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, 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					
2021	23.9676	38.6384	21.5702	0.0920	2.6328	0.9287	3.5615	0.9174	0.8709	1.7883	0.0000	9,669.7214	9,669.7214	1.0881	0.0000	9,696.9250
Maximum	23.9676	38.6384	21.5702	0.0920	2.6328	0.9287	3.5615	0.9174	0.8709	1.7883	0.0000	9,669.7214	9,669.7214	1.0881	0.0000	9,696.9250

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					
2021	23.9676	38.6384	21.5702	0.0920	2.6328	0.9287	3.5615	0.9174	0.8709	1.7883	0.0000	9,669.7214	9,669.7214	1.0881	0.0000	9,696.9250
Maximum	23.9676	38.6384	21.5702	0.0920	2.6328	0.9287	3.5615	0.9174	0.8709	1.7883	0.0000	9,669.7214	9,669.7214	1.0881	0.0000	9,696.9250

[illegible]

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, 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	5.1641	0.3906	10.6416	0.0234		1.3832	1.3832		1.3832	1.3832	168.6045	326.6763	495.2808	0.5054	0.0114	511.3260
Energy	5.8400e-003	0.0499	0.0212	3.2000e-004		4.0300e-003	4.0300e-003		4.0300e-003	4.0300e-003		63.6929	63.6929	1.2200e-003	1.1700e-003	64.0714
Mobile	0.2095	1.0588	2.7852	0.0102	0.8698	8.6600e-003	0.8785	0.2328	8.0800e-003	0.2409		1,036.094 1	1,036.094 1	0.0542		1,037.449 8
Total	5.3794	1.4993	13.4480	0.0339	0.8698	1.3959	2.2657	0.2328	1.3953	1.6281	168.6045	1,426.463 3	1,595.067 8	0.5609	0.0126	1,612.847 2

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	5.1641	0.3906	10.6416	0.0234		1.3832	1.3832		1.3832	1.3832	168.6045	326.6763	495.2808	0.5054	0.0114	511.3260
Energy	5.8400e-003	0.0499	0.0212	3.2000e-004		4.0300e-003	4.0300e-003		4.0300e-003	4.0300e-003		63.6929	63.6929	1.2200e-003	1.1700e-003	64.0714
Mobile	0.2095	1.0588	2.7852	0.0102	0.8698	8.6600e-003	0.8785	0.2328	8.0800e-003	0.2409		1,036.094 1	1,036.094 1	0.0542		1,037.449 8
Total	5.3794	1.4993	13.4480	0.0339	0.8698	1.3959	2.2657	0.2328	1.3953	1.6281	168.6045	1,426.463 3	1,595.067 8	0.5609	0.0126	1,612.847 2

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, 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	7/1/2021	7/12/2021	6	10	
2	Site Preparation	Site Preparation	7/15/2021	7/15/2021	6	1	
3	Grading	Grading	7/16/2021	7/23/2021	6	7	
4	Building Construction	Building Construction	7/20/2021	11/12/2021	6	100	
5	Paving	Paving	12/7/2021	12/11/2021	6	5	
6	Architectural Coating	Architectural Coating	12/14/2021	12/18/2021	6	5	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 37,448; Residential Outdoor: 12,483; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 638
(Architectural Coating – sqft)

OffRoad Equipment

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, 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	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	0.00	21.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	591.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	17.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, Winter

3.1 Mitigation Measures Construction**3.2 Demolition - 2021****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					0.4540	0.0000	0.4540	0.0687	0.0000	0.0687			0.0000			0.0000
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886		1,147.433 8	1,147.433 8	0.2138		1,152.779 7
Total	0.7965	7.2530	7.5691	0.0120	0.4540	0.4073	0.8613	0.0687	0.3886	0.4573		1,147.433 8	1,147.433 8	0.2138		1,152.779 7

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, Winter

3.2 Demolition - 2021**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	0.0179	0.5702	0.1401	1.6100e-003	0.0367	1.7600e-003	0.0385	0.0101	1.6800e-003	0.0117		174.6745	174.6745	0.0125		174.9867
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	0.0477	0.0326	0.3683	1.0800e-003	0.1118	9.0000e-004	0.1127	0.0296	8.3000e-004	0.0305		107.2251	107.2251	3.1600e-003		107.3040
Total	0.0656	0.6028	0.5083	2.6900e-003	0.1485	2.6600e-003	0.1512	0.0397	2.5100e-003	0.0422		281.8996	281.8996	0.0157		282.2907

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					0.4540	0.0000	0.4540	0.0687	0.0000	0.0687			0.0000			0.0000
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886	0.0000	1,147.4338	1,147.4338	0.2138		1,152.7797
Total	0.7965	7.2530	7.5691	0.0120	0.4540	0.4073	0.8613	0.0687	0.3886	0.4573	0.0000	1,147.4338	1,147.4338	0.2138		1,152.7797

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, Winter

3.2 Demolition - 2021**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	0.0179	0.5702	0.1401	1.6100e-003	0.0367	1.7600e-003	0.0385	0.0101	1.6800e-003	0.0117		174.6745	174.6745	0.0125		174.9867
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	0.0477	0.0326	0.3683	1.0800e-003	0.1118	9.0000e-004	0.1127	0.0296	8.3000e-004	0.0305		107.2251	107.2251	3.1600e-003		107.3040
Total	0.0656	0.6028	0.5083	2.6900e-003	0.1485	2.6600e-003	0.1512	0.0397	2.5100e-003	0.0422		281.8996	281.8996	0.0157		282.2907

3.3 Site Preparation - 2021**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					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6403	7.8204	4.0274	9.7300e-003		0.2995	0.2995		0.2755	0.2755		942.5842	942.5842	0.3049		950.2055
Total	0.6403	7.8204	4.0274	9.7300e-003	0.5303	0.2995	0.8297	0.0573	0.2755	0.3328		942.5842	942.5842	0.3049		950.2055

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, Winter

3.3 Site Preparation - 2021**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	0.0238	0.0163	0.1841	5.4000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.2000e-004	0.0152		53.6126	53.6126	1.5800e-003		53.6520
Total	0.0238	0.0163	0.1841	5.4000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.2000e-004	0.0152		53.6126	53.6126	1.5800e-003		53.6520

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					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6403	7.8204	4.0274	9.7300e-003		0.2995	0.2995		0.2755	0.2755	0.0000	942.5842	942.5842	0.3049		950.2055
Total	0.6403	7.8204	4.0274	9.7300e-003	0.5303	0.2995	0.8297	0.0573	0.2755	0.3328	0.0000	942.5842	942.5842	0.3049		950.2055

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, Winter

3.3 Site Preparation - 2021**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	0.0238	0.0163	0.1841	5.4000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.2000e-004	0.0152		53.6126	53.6126	1.5800e-003		53.6520
Total	0.0238	0.0163	0.1841	5.4000e-004	0.0559	4.5000e-004	0.0563	0.0148	4.2000e-004	0.0152		53.6126	53.6126	1.5800e-003		53.6520

3.4 Grading - 2021**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					0.8292	0.0000	0.8292	0.4254	0.0000	0.4254			0.0000			0.0000
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886		1,147.4338	1,147.4338	0.2138		1,152.7797
Total	0.7965	7.2530	7.5691	0.0120	0.8292	0.4073	1.2365	0.4254	0.3886	0.8140		1,147.4338	1,147.4338	0.2138		1,152.7797

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, Winter

3.4 Grading - 2021**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	0.7209	22.9248	5.6308	0.0647	1.4763	0.0706	1.5468	0.4047	0.0675	0.4722		7,022.625 9	7,022.625 9	0.5021		7,035.177 9
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0477	0.0326	0.3683	1.0800e-003	0.1118	9.0000e-004	0.1127	0.0296	8.3000e-004	0.0305		107.2251	107.2251	3.1600e-003		107.3040
Total	0.7686	22.9575	5.9991	0.0658	1.5881	0.0715	1.6595	0.4343	0.0683	0.5027		7,129.851 0	7,129.851 0	0.5052		7,142.481 9

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					0.8292	0.0000	0.8292	0.4254	0.0000	0.4254			0.0000			0.0000
Off-Road	0.7965	7.2530	7.5691	0.0120		0.4073	0.4073		0.3886	0.3886	0.0000	1,147.433 8	1,147.433 8	0.2138		1,152.779 7
Total	0.7965	7.2530	7.5691	0.0120	0.8292	0.4073	1.2365	0.4254	0.3886	0.8140	0.0000	1,147.433 8	1,147.433 8	0.2138		1,152.779 7

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, Winter

3.4 Grading - 2021**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	0.7209	22.9248	5.6308	0.0647	1.4763	0.0706	1.5468	0.4047	0.0675	0.4722		7,022.6259	7,022.6259	0.5021		7,035.1779
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	0.0477	0.0326	0.3683	1.0800e-003	0.1118	9.0000e-004	0.1127	0.0296	8.3000e-004	0.0305		107.2251	107.2251	3.1600e-003		107.3040
Total	0.7686	22.9575	5.9991	0.0658	1.5881	0.0715	1.6595	0.4343	0.0683	0.5027		7,129.8510	7,129.8510	0.5052		7,142.4819

3.5 Building Construction - 2021**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	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.2158	1,103.2158	0.3568		1,112.1358
Total	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.2158	1,103.2158	0.3568		1,112.1358

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, Winter

3.5 Building Construction - 2021**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	0.0128	0.3876	0.1123	1.0000e-003	0.0256	8.2000e-004	0.0264	7.3700e-003	7.8000e-004	8.1600e-003		106.9382	106.9382	6.9000e-003		107.1108
Worker	0.0811	0.0555	0.6260	1.8300e-003	0.1900	1.5400e-003	0.1916	0.0504	1.4100e-003	0.0518		182.2827	182.2827	5.3600e-003		182.4168
Total	0.0938	0.4430	0.7383	2.8300e-003	0.2156	2.3600e-003	0.2180	0.0578	2.1900e-003	0.0600		289.2209	289.2209	0.0123		289.5276

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	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117	0.0000	1,103.2158	1,103.2158	0.3568		1,112.1358
Total	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117	0.0000	1,103.2158	1,103.2158	0.3568		1,112.1358

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, Winter

3.5 Building Construction - 2021**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	0.0128	0.3876	0.1123	1.0000e-003	0.0256	8.2000e-004	0.0264	7.3700e-003	7.8000e-004	8.1600e-003		106.9382	106.9382	6.9000e-003		107.1108
Worker	0.0811	0.0555	0.6260	1.8300e-003	0.1900	1.5400e-003	0.1916	0.0504	1.4100e-003	0.0518		182.2827	182.2827	5.3600e-003		182.4168
Total	0.0938	0.4430	0.7383	2.8300e-003	0.2156	2.3600e-003	0.2180	0.0578	2.1900e-003	0.0600		289.2209	289.2209	0.0123		289.5276

3.6 Paving - 2021**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	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286		1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286		1,035.3425	1,035.3425	0.3016		1,042.8818

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, Winter

3.6 Paving - 2021**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	0.0858	0.0587	0.6629	1.9400e-003	0.2012	1.6300e-003	0.2028	0.0534	1.5000e-003	0.0549		193.0052	193.0052	5.6800e-003		193.1472
Total	0.0858	0.0587	0.6629	1.9400e-003	0.2012	1.6300e-003	0.2028	0.0534	1.5000e-003	0.0549		193.0052	193.0052	5.6800e-003		193.1472

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	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286	0.0000	1,035.3425	1,035.3425	0.3016		1,042.8818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7214	6.7178	7.0899	0.0113		0.3534	0.3534		0.3286	0.3286	0.0000	1,035.3425	1,035.3425	0.3016		1,042.8818

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3.6 Paving - 2021**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	0.0858	0.0587	0.6629	1.9400e-003	0.2012	1.6300e-003	0.2028	0.0534	1.5000e-003	0.0549		193.0052	193.0052	5.6800e-003		193.1472
Total	0.0858	0.0587	0.6629	1.9400e-003	0.2012	1.6300e-003	0.2028	0.0534	1.5000e-003	0.0549		193.0052	193.0052	5.6800e-003		193.1472

3.7 Architectural Coating - 2021**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	23.7344					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	23.9533	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

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3.7 Architectural Coating - 2021**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	0.0143	9.7800e-003	0.1105	3.2000e-004	0.0335	2.7000e-004	0.0338	8.8900e-003	2.5000e-004	9.1400e-003		32.1675	32.1675	9.5000e-004		32.1912
Total	0.0143	9.7800e-003	0.1105	3.2000e-004	0.0335	2.7000e-004	0.0338	8.8900e-003	2.5000e-004	9.1400e-003		32.1675	32.1675	9.5000e-004		32.1912

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	23.7344					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	23.9533	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309

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3.7 Architectural Coating - 2021**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	0.0143	9.7800e-003	0.1105	3.2000e-004	0.0335	2.7000e-004	0.0338	8.8900e-003	2.5000e-004	9.1400e-003		32.1675	32.1675	9.5000e-004		32.1912
Total	0.0143	9.7800e-003	0.1105	3.2000e-004	0.0335	2.7000e-004	0.0338	8.8900e-003	2.5000e-004	9.1400e-003		32.1675	32.1675	9.5000e-004		32.1912

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	lb/day										lb/day					
Mitigated	0.2095	1.0588	2.7852	0.0102	0.8698	8.6600e-003	0.8785	0.2328	8.0800e-003	0.2409		1,036.0941	1,036.0941	0.0542		1,037.4498
Unmitigated	0.2095	1.0588	2.7852	0.0102	0.8698	8.6600e-003	0.8785	0.2328	8.0800e-003	0.2409		1,036.0941	1,036.0941	0.0542		1,037.4498

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	119.70	115.02	105.48	399,807	399,807
Enclosed Parking with Elevator	0.00	0.00	0.00		
Total	119.70	115.02	105.48	399,807	399,807

4.3 Trip Type Information

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

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876
Enclosed Parking with Elevator	0.546501	0.044961	0.204016	0.120355	0.015740	0.006196	0.020131	0.030678	0.002515	0.002201	0.005142	0.000687	0.000876

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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	lb/day										lb/day					
NaturalGas Mitigated	5.8400e-003	0.0499	0.0212	3.2000e-004		4.0300e-003	4.0300e-003		4.0300e-003	4.0300e-003		63.6929	63.6929	1.2200e-003	1.1700e-003	64.0714
NaturalGas Unmitigated	5.8400e-003	0.0499	0.0212	3.2000e-004		4.0300e-003	4.0300e-003		4.0300e-003	4.0300e-003		63.6929	63.6929	1.2200e-003	1.1700e-003	64.0714

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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	lb/day										lb/day					
Apartments Mid Rise	541.39	5.8400e-003	0.0499	0.0212	3.2000e-004		4.0300e-003	4.0300e-003		4.0300e-003	4.0300e-003		63.6929	63.6929	1.2200e-003	1.1700e-003	64.0714
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		5.8400e-003	0.0499	0.0212	3.2000e-004		4.0300e-003	4.0300e-003		4.0300e-003	4.0300e-003		63.6929	63.6929	1.2200e-003	1.1700e-003	64.0714

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	0.54139	5.8400e-003	0.0499	0.0212	3.2000e-004		4.0300e-003	4.0300e-003		4.0300e-003	4.0300e-003		63.6929	63.6929	1.2200e-003	1.1700e-003	64.0714
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		5.8400e-003	0.0499	0.0212	3.2000e-004		4.0300e-003	4.0300e-003		4.0300e-003	4.0300e-003		63.6929	63.6929	1.2200e-003	1.1700e-003	64.0714

6.0 Area Detail**6.1 Mitigation Measures Area**

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, 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	5.1641	0.3906	10.6416	0.0234		1.3832	1.3832		1.3832	1.3832	168.6045	326.6763	495.2808	0.5054	0.0114	511.3260
Unmitigated	5.1641	0.3906	10.6416	0.0234		1.3832	1.3832		1.3832	1.3832	168.6045	326.6763	495.2808	0.5054	0.0114	511.3260

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	0.0325					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3699					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	4.7167	0.3735	9.1539	0.0234		1.3750	1.3750		1.3750	1.3750	168.6045	324.0000	492.6045	0.5028	0.0114	508.5850
Landscaping	0.0450	0.0172	1.4877	8.0000e-005		8.2200e-003	8.2200e-003		8.2200e-003	8.2200e-003		2.6763	2.6763	2.5900e-003		2.7409
Total	5.1641	0.3906	10.6416	0.0234		1.3832	1.3832		1.3832	1.3832	168.6045	326.6763	495.2808	0.5054	0.0114	511.3260

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, 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	0.0325					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3699					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	4.7167	0.3735	9.1539	0.0234		1.3750	1.3750		1.3750	1.3750	168.6045	324.0000	492.6045	0.5028	0.0114	508.5850
Landscaping	0.0450	0.0172	1.4877	8.0000e-005		8.2200e-003	8.2200e-003		8.2200e-003	8.2200e-003		2.6763	2.6763	2.5900e-003		2.7409
Total	5.1641	0.3906	10.6416	0.0234		1.3832	1.3832		1.3832	1.3832	168.6045	326.6763	495.2808	0.5054	0.0114	511.3260

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

2943 Honolulu Avenue (18-Unit 3-story) - Los Angeles-South Coast County, 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
