

Appendix B
**Air Quality and
Greenhouse Gases**

Appendix B-1 Construction and Operational Emissions Methodology

(1) Construction Emissions Methodology

(a) *Regional Emissions*

Pollutant emissions associated with construction activities were quantified using the California Emissions Estimator Model (CalEEMod) Version 2016.3.2. Construction emissions were calculated for the estimated worst-case day over the construction periods associated with Phases 1, 2, and 3. Default values provided by the program were used where detailed Project information was not available. Construction emissions associated with development Option B, which included the 105-bed hospital addition, were modeled as the worst-case scenario, based on the greater quantity of proposed land use square footage.

Phase 1

Phase 1 would include development of a 13-story, 130,000-square-foot medical office building (MOB) and parking structure that would provide a total of 562 parking spaces at Site 1, and a 50,000-square-foot four-story Procedure Center addition at Site 2. Additionally, as part of Phase 1, the existing commercial and residential structures totaling 15,113 square feet at Site 1, the existing seven-story, 79,356-square-foot MOB located at Site 3, and the existing eight-story, 120,557-square-foot MOB located at Site 4 would be demolished. Demolition of 47 parking stalls at Site 1, 39 surface parking stalls at Site 2, and 47 surface parking stalls at Site 3, would also occur in Phase 1.

It is anticipated that construction of Phase 1 of the Project would commence in 2020¹, with completion by 2024. For purposes of estimating Project emissions during Phase 1, the analysis contained herein is based on the following assumptions (duration of phases is approximate):

Site 1 (1345 North Vermont Avenue)

- Demolition: April 2020 – June 2020 (65 days)
- Site Preparation: July 2020 – August 2020 (25 days)

¹ The analysis assumes a construction start date of April 2020, which represents the earliest date construction would initiate. Assuming the earliest start date for construction represents the worst-case scenario for criteria air pollutant and GHG emissions because equipment and vehicle emission factors for later years would be slightly less due to more stringent standards for in-use off-road equipment and heavy-duty trucks, as well as fleet turnover replacing older equipment and vehicles in later years.

- Grading: August 2020 – November 2020 (75 days)
- Building Construction: November 2020 – July 2022 (442 days)
- Paving: July 2022 – August 2022 (23 days)
- Architectural Coating: August 2022 – September 2022 (23 days)

Site 2 (4760 Sunset Boulevard)

- Demolition: October 2020 – November 2020 (42 days)
- Site Preparation: December 2020 – December 2020 (4 days)
- Grading: December 2020 – December 2020 (6 days)
- Building Construction: December 2020 – February 2022 (308 days)
- Paving: February 2022 – March 2022 (15 days)
- Architectural Coating: March 2022 – March 2022 (15 days)

Site 3 (1505 North Edgemont Street)

- Demolition: July 2022 – June 2023 (261 days)

Site 4 (1526 North Edgemont Street)

- Demolition: August 2022 – June 2023 (240 days)

The construction equipment mix and estimated hours of equipment operation per day used for the air pollutant emissions modeling of the Project are shown in Table B-1.1. For this analysis, it was assumed that heavy construction equipment would operate 5 days a week (22 days per month) during Project construction. Table B-1.1 also presents the estimated number of workers anticipated for each construction phase. Worker trips and trip distances were estimated using CalEEMod defaults.

In addition to construction equipment operation and worker trips, emissions from haul trucks and vendor trucks (delivery trucks) were estimated. Haul truck trips were assumed to be required during demolition, site preparation, and grading phases, and vendor trucks transporting concrete, steel, and other building materials were assumed to be required during the building construction phase. Based on information provided by Kaiser

Permanente, it was assumed that 71,260 cubic yards of soil would be cut for Site 1 and 760 cubic yards of soil would be required as fill for Site 2. These quantities were input into CalEEMod to account for material import and export haul truck trips. Assumptions are summarized in Table B-1.1, with detailed model outputs included in Appendix B-2.

**Table B-1.1
Phase 1 Construction Equipment and Vehicles**

Construction Phase	One-Way Vehicle Trips			Equipment	Quantity	Hours/Day
	Average Daily Worker Trips	Average Daily Vendor Truck Trips	Total Haul Truck Trips			
Demolition – Site 1	13	0	96	Concrete/Industrial Saws	1	8
				Rubber Tired Dozers	1	8
				Tractors/Loaders/Backhoes	3	8
Site Preparation – Site 1	8	0	2,969	Graders	1	8
				Rubber Tired Dozers	1	7
				Tractors/Loaders/Backhoes	1	8
Grading – Site 1	10	0	5,938	Graders	1	6
				Rubber Tired Dozers	1	6
				Tractors/Loaders/Backhoes	1	7
				Trenchers	1	8
Building Construction – Site 1	169	71	0	Cranes	2	6
				Forklifts	1	6
				Generator Sets	1	8
				Tractors/Loaders/Backhoes	1	6
				Welders	3	8
Architectural Coating – Site 1	34	0	0	Air Compressors	1	6
Paving – Site 1	13	0	0	Cement and Mortar Mixers	1	6
				Pavers	1	6
				Paving Equipment	1	8
				Rollers	1	7
				Tractors/Loaders/Backhoes	1	8
Demolition – Site 2	10	0	22	Concrete/Industrial Saws	1	8
				Rubber Tired Dozers	1	1
				Tractors/Loaders/Backhoes	2	6
Site Preparation – Site 2	5	0	48	Graders	1	8
				Tractors/Loaders/Backhoes	1	8
Grading – Site 2	13	0	48	Concrete/Industrial Saws	1	8
				Rubber Tired Dozers	1	1
				Tractors/Loaders/Backhoes	2	6
				Trenchers	1	8
				Cranes	1	4

**Table B-1.1
Phase 1 Construction Equipment and Vehicles**

Construction Phase	One-Way Vehicle Trips			Equipment	Quantity	Hours/Day
	Average Daily Worker Trips	Average Daily Vendor Truck Trips	Total Haul Truck Trips			
Building Construction – Site 2	17	9	0	Forklifts	2	6
				Tractors/Loaders/Backhoes	2	8
Architectural Coating – Site 2	3	0	0	Air Compressors	1	6
Paving – Site 2	18	0	0	Cement and Mortar Mixers	4	6
				Pavers	1	7
				Rollers	1	7
				Tractors/Loaders/Backhoes	1	7
Demolition – Site 3	10	0	383	Concrete/Industrial Saws	1	8
				Rubber Tired Dozers	1	1
				Tractors/Loaders/Backhoes	2	6
Demolition – Site 4	13	0	548	Concrete/Industrial Saws	1	8
				Rubber Tired Dozers	1	8
				Tractors/Loaders/Backhoes	3	8

Phase 2

As part of Phase 2, the existing two-story, 19,199-square-foot MOB and parking structure that includes 186 parking spaces located at Site 5 would be demolished. Additionally, Phase 2 would include development of a 10-story parking structure that would provide a total of 578 parking spaces at Site 5. The parking structure would include a 2,300-square-foot retail/commercial space on the ground floor. To ensure a conservative environmental analysis, the worst-case scenario was assessed. Under Option A, a six-story, 177,300-square-foot MOB would be constructed at Site 4. Under Option B, a six-story, 177,300-square-foot hospital addition to support 105 beds would be constructed at Site 4. Option B was determined to be the worst-case scenario based on the overall square footage proposed over all phases.

It is anticipated that construction of Phase 2 of the Project would commence in 2024, with completion by 2028. For purposes of estimating Project emissions during Phase 2, and based on information provided by Kaiser Permanente, the analysis contained herein is based on the following assumptions (duration of phases is approximate):

Site 5 (1517 North Vermont Avenue)

- Demolition: January 2024 – July 2024 (152 days)
- Site Preparation: August 2024 – August 2024 (3 days)
- Grading: August 2024 – August 2024 (7 days)
- Building Construction: August 2024 – November 2025 (327 days)
- Architectural Coating: December 2025 – December 2025 (16 days)
- Paving: November 2025 – December 2025 (16 days)

Site 4 (1526 North Edgemont Street)

- Site Preparation: January 2025 – January 2025 (10 days)
- Grading: January 2025 – February 2025 (19 days)
- Building Construction: February 2025 – October 2027 (691 days)
- Architectural Coating: November 2027 - December 2027 (31 days)
- Paving: October 2027 – November 2027 (31 days)

The construction equipment mix and estimated hours of equipment operation per day used for the air emissions modeling of the Project are shown in Table B-1.2. For this analysis, and again to provide a worst-case depiction of potential impacts, it was assumed that heavy construction equipment would operate 5 days a week (22 days per month) during Project construction. Table IV.B-5 also presents the estimated number of workers anticipated for each construction phase. Worker trips and trip distances were estimated using CalEEMod defaults.

In addition to construction equipment operation and worker trips, emissions from vendor trucks (delivery trucks) were estimated. Haul truck trips were assumed to be required

during demolition, site preparation, and grading phases, and vendor trucks transporting concrete, steel, and other building materials were assumed to be required during the building construction phase. Based on information provided by Kaiser Permanente, for Phase 2, it was assumed that 10,530 cubic yards of soil would be cut for Site 5 and 15,630 cubic yards of soil would be cut for Site 4. These quantities were input into CalEEMod to

account for material haul truck trips. Assumptions are summarized in Table B-1.2, with detailed model outputs included in Appendix B-2.

**Table B-1.2
Phase 2 Construction Equipment and Vehicles**

Construction Phase	One-Way Vehicle Trips			Equipment	Quantity	Hours/ Day
	Average Daily Worker Trips	Average Daily Vendor Truck Trips	Total Haul Truck Trips			
Demolition – Site 5	10	0	609	Concrete/Industrial Saws	1	8
				Rubber Tired Dozers	1	1
				Tractors/Loaders/Backhoes	2	6
Site Preparation – Site 5	5	0	439	Graders	1	8
				Tractors/Loaders/Backhoes	1	8
Grading – Site 5	13	0	878	Concrete/Industrial Saws	1	8
				Rubber Tired Dozers	1	1
				Tractors/Loaders/Backhoes	2	6
				Trenchers	1	8
Building Construction – Site 5	98	38	0	Crane	1	4
				Crane	1	6
				Forklifts	2	6
				Tractors/Loaders/Backhoes	2	8
Architectural Coating – Site 5	20	0	0	Air Compressors	1	6
Paving – Site 5	18	0	0	Cement and Mortar Mixers	4	6
				Pavers	1	7
				Rollers	1	7
				Tractors/Loaders/Backhoes	1	7
Site Preparation – Site 4	8	0	651	Graders	1	8
				Scrapers	1	8
				Tractors/Loaders/Backhoes	1	7
Grading – Site 4	13	0	1,303	Graders	1	8
				Rubber Tired Dozers	1	8
				Tractors/Loaders/Backhoes	2	7
				Trenchers	1	8
				Crane	1	8

**Table B-1.2
Phase 2 Construction Equipment and Vehicles**

Construction Phase	One-Way Vehicle Trips			Equipment	Quantity	Hours/ Day
	Average Daily Worker Trips	Average Daily Vendor Truck Trips	Total Haul Truck Trips			
Building Construction – Site 4	57	29	0	Crane	1	6
				Forklifts	2	7
				Generator Sets	1	8
				Tractors/Loaders/Backhoes	1	6
				Welders	3	8
Architectural Coating – Site 4	11	0	0	Air Compressors	1	6
Paving – Site 4	15	0	0	Cement and Mortar Mixers	1	8
				Pavers	1	8
				Paving Equipment	1	8
				Rollers	2	8
				Tractors/Loaders/Backhoes	1	8

Phase 3

As part of Phase 3, the existing single story 1,400-square-foot structure and 0.3 acre of surface parking at Site 6 would be demolished. Additionally, Phase 3 would include a parking structure that would provide a total of 241 parking spaces at Site 6 and a MOB that would vary in height and density, depending on which option for the MOB's design is selected. To ensure a conservative environmental analysis, the worst-case scenario was assessed. Under Option A, a three-story, 41,500-square-foot MOB would be constructed at Site 3. Under Option B, a five-story, 73,500-square-foot MOB would be constructed at Site 3. Based on these square footages, Option B was determined to be the worst-case scenario.

It is anticipated that construction of Phase 3 of the Project would commence in 2028, with completion by 2030. For purposes of estimating Project emissions during Phase 3, and based on information provided by Kaiser Permanente, the analysis contained herein was based on the following assumptions (duration of phases is approximate):

Site 6 (1430 and 1424 North Alexandria Avenue)

- Demolition: January 2028 – March 2028 (64 days)

- Site Preparation: April 2028 – April 2029 (3 days)
- Grading: April 2028 – April 2028 (5 days)
- Building Construction: April 2028 – March 2029 (249 days)
- Architectural Coating: April 2029 – April 2029 (12 days)
- Paving: March 2029 – April 2029 (12 days)

Site 3 (1505 North Edgemont Street)

- Site Preparation: January 2029 – January 2029 (2 days)
- Grading: January 2029 – January 2029 (4 days)
- Building Construction: January 2029 – November 2029 (230 days)
- Architectural Coating: December 2029 – December 2029 (12 days)
- Paving: November 2029 – December 2029 (12 days)

The construction equipment mix and estimated hours of equipment operation per day used for the air emissions modeling of the Project are shown in Table B-1.3. For this analysis, and again to provide a worst-case depiction of potential impacts, it was assumed that heavy construction equipment would operate 5 days a week (22 days per month) during Project construction. Table B-1.3 also presents the estimated number of workers anticipated for each construction phase. Worker trips and trip distances were estimated using CalEEMod defaults.

In addition to construction equipment operation and worker trips, emissions from vendor trucks (delivery trucks) were estimated. Haul truck trips were assumed to be required during demolition, site preparation, and grading phases, and vendor trucks transporting concrete, steel, and other building materials were assumed to be required during the building construction phase. Based on information provided by Kaiser Permanente, for Phase 3, it was assumed that 12,060 cubic yards of soil would be cut for Site 6 and 4,045 cubic yards of fill would be needed for Site 3. These quantities were input into CalEEMod to account for material haul truck trips. Assumptions are summarized in Table B-1.3, with detailed model outputs included in Appendix B-2.

**Table B-1.3
Phase 3 Construction Equipment and Vehicles**

Construction Phase	One-Way Vehicle Trips			Equipment	Quantity	Hours/Day
	Average Daily Worker Trips	Average Daily Vendor Truck Trips	Total Haul Truck Trips			
Demolition – Site 6	10	0	25	Concrete/Industrial Saws	1	8
				Rubber Tired Dozers	1	1
				Tractors/Loaders/Backhoes	2	6
Site Preparation – Site 6	5	0	503	Graders	1	8
				Tractors/Loaders/Backhoes	1	8
Grading – Site 6	13	0	1,005	Concrete/Industrial Saws	1	8
				Rubber Tired Dozers	1	1
				Tractors/Loaders/Backhoes	2	6
				Trenchers	1	8
Building Construction – Site 6	51	20	0	Crane	1	6
				Crane	1	4
				Forklifts	2	6
				Tractors/Loaders/Backhoes	2	8
Architectural Coating – Site 6	10	0	0	Air Compressors	1	6
Paving – Site 6	18	0	0	Cement and Mortar Mixers	4	6
				Pavers	1	7
				Rollers	1	7
				Tractors/Loaders/Backhoes	1	7
Site Preparation – Site 3	5	0	169	Graders	1	8
				Tractors/Loaders/Backhoes	1	8
Grading – Site 3	13	0	337	Concrete/Industrial Saws	1	8
				Rubber Tired Dozers	1	1
				Tractors/Loaders/Backhoes	2	6
				Trenchers	1	8
Building Construction – Site 3	24	12	0	Cranes	1	4
				Forklifts	2	6
				Tractors/Loaders/Backhoes	2	8
Architectural Coating – Site 3	5	0	0	Air Compressors	1	6
Paving – Site 3	18	0	0	Cement and Mortar Mixers	4	6
				Pavers	1	7
				Rollers	1	7
				Tractors/Loaders/Backhoes	1	7

(2) Operational Emissions Methodology

(a) *Regional Emissions*

Following completion of construction activities, the Project would generate criteria pollutants from mobile, energy, area, and stationary sources. Energy source emissions are emissions associated with natural gas. Area source emissions are emissions from space heating, water heating, and landscaping equipment. Mobile source emissions are emissions from vehicular traffic generated by patients, visitors, physicians/staff, and emergency vehicles (i.e., ambulances). Finally, stationary source emissions are emissions associated with the routine testing and maintenance of emergency diesel generators.

In general, projects are considered consistent with, and would not conflict with or obstruct implementation of, the AQMP if the growth in socioeconomic factors (e.g., population, housing, employment by industry) is consistent with the underlying regional plans used to develop the AQMP. The 2016 AQMP reduction and control measures, which are outlined to mitigate emissions, are based on existing and projected land use and development.² Demographic growth forecasts for various socioeconomic categories were developed by the SCAG for its 2016-2040 RTP/SCS based on general plans for cities and counties in the SCAB. The 2016 AQMP relies on the land use and population projections provided in SCAG's 2016 Regional Growth Forecast, which is generally consistent with the local plans; therefore, the 2016 AQMP is generally consistent with local government plans. The AQMP also incorporates land use strategies from the 2016–2040 RTP/SCS, with the overarching strategy of plans for High Quality Transit Areas (HQTAs), Livable Corridors, and Neighborhood Mobility Areas.³ HQTAs are described as generally walkable transit villages or corridors that are within 0.5 mile of a well-served transit stop or a transit corridor with 15-minute or less service frequency during peak commute hours.⁴ Local jurisdictions are encouraged to focus housing and employment growth within HQTAs.⁵ Development within HQTAs would result in a reduction in vehicle-miles traveled (VMT) based on transit accessibility and service frequency, as well as improved pedestrian and bicycle network availability.⁶ Notably, the Project site is located within an HQTA as designated by the 2016 RTP/SCS.^{7,8}

² SCAQMD. Final 2016 Air Quality Management Plan. March 2017. <http://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-management-plans/2016-air-quality-management-plan/final-2016-aqmp/final2016aqmp.pdf?sfvrsn=15>.

³ SCAG 2016–2040 Regional Transportation Plan/Sustainable Communities Strategy, adopted April 2016.

⁴ SCAG 2016–2040 Regional Transportation Plan/Sustainable Communities Strategy, adopted April 2016.

⁵ SCAG 2016–2040 Regional Transportation Plan/Sustainable Communities Strategy, adopted April 2016.

⁶ California Air Pollution Control Officers Association. 2010. Quantifying Greenhouse Gas Mitigation Measures. August 2010.

⁷ California Air Pollution Control Officers Association. 2010. Exhibit 5.1: High Quality Transit Areas in the SCAG Region for 2040 Plan. In Quantifying Greenhouse Gas Mitigation Measures. August 2010.

⁸ Los Angeles County Metropolitan Transportation Authority (Metro). "High Quality Transit Areas—Southwest Quadrant."

Mobile Sources

The Project would generate criteria air pollutants through mobile sources, primarily from the vehicular traffic generated by the Project. Daily vehicle trips associated with the existing land uses to be demolished were deducted from the Project-generated daily trips to determine the maximum net daily trips generated by operation of the Project. The Project and existing land use trip rates were based on the Traffic Impact Study (TIS) prepared for the Project by Linscott, Law & Greenspan (LLG) (see Appendix K).⁹

The Project trip rates are provided in Tables IV.M-4 through IV.M-6 in Section IV.M, Transportation, of this Draft EIR. The worst-case incremental increase in daily trips would be Phases 1, 2, and 3 (Option A) buildout, which after subtracting existing land use trips, would result in approximately 4,506 new primary trips.

CalEEMod default data, including trip characteristics, emissions factors, and trip distances, were conservatively used for the model inputs to estimate daily emissions from proposed vehicular sources. The default vehicle mix provided in CalEEMod 2016.3.2, which is based on the California Air Resources Board's (CARB's) Mobile Source Emissions Inventory model, EMFAC, version 2014, was applied for both the Project and Existing emission estimates. CalEEMod default emission factors for years 2017, 2024, 2028, and 2030 were used to estimate emissions associated with the existing land uses to be demolished, Phase 1 operations, Phase 2 operations, and Phase 3 (buildout) operations, respectively.

Area Sources

In addition to estimating mobile source emissions, CalEEMod was also used to estimate emissions from the Project's area sources, which include consumer products, landscaping, and architectural coatings for maintenance of buildings. CalEEMod default assumptions for area sources were included in the modeling for all uses. Emissions associated with natural gas usage in space heating, water heating, and stoves are calculated in the building energy use module of CalEEMod, as described in the following text.

⁹ Notably, the TIS provided trip generation for only Option A as the worst-case scenario. In order to estimate trip generation for Option B, the applicable trip rates for Option A (including the existing hospital trip rate) were applied to the proposed uses to be developed under Option B in order to estimate daily trip generation.

Energy Sources

As represented in CalEEMod, energy sources include emissions associated with building electricity and natural gas usage (non-hearth). Electricity use would contribute indirectly to criteria air pollutant emissions; however, the emissions from electricity use are only quantified for GHGs in CalEEMod since criteria pollutant emissions occur at the site of the power plant, which is typically off-site.

Project electricity and natural gas is based on the estimated total annual building load summaries provided by Ted Jacob Engineering Group.

Stationary Sources

The Project would also result in emissions from the intermittent use of four diesel-powered emergency generators for maintenance and testing purposes. Under Option A, the Project would include one 750-kilowatt (kW) emergency generator, two 300 kW emergency generators, and one 1,000 kW emergency generator. Under Option B, the Project would include one 750 kW emergency generator, one 300 kW emergency generator, one 1,500 kW emergency generator, and one 400 kW emergency generator. The diesel emergency generator emissions are based on U.S. Environmental Protection Agency (USEPA) final Tier 4 engine emission standards. Each generator would run for testing and maintenance approximately 30 minutes each week with a 4-hour, full load test once per 3 years for a total of 30 hours per year, assuming the triennial test is run in a given year. The worst-case daily emissions assume that all four engines would be tested for 4 hours on a given day once every 3 years. These operational parameters were incorporated into a spreadsheet model to estimate stationary source emissions.

Kaiser LAMC - Option B Construction - Los Angeles-South Coast County, Annual

**Kaiser LAMC - Option B Construction
Los Angeles-South Coast County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hospital	177.30	1000sqft	2.80	177,300.00	0
Medical Office Building	130.00	1000sqft	0.50	130,000.00	0
Medical Office Building	50.00	1000sqft	0.75	50,000.00	0
Medical Office Building	73.50	1000sqft	0.60	73,500.00	0
Enclosed Parking with Elevator	302.80	1000sqft	0.50	302,800.00	0
Enclosed Parking with Elevator	230.60	1000sqft	0.60	230,600.00	0
Enclosed Parking with Elevator	122.40	1000sqft	0.60	122,400.00	0
Parking Lot	6.00	Space	0.05	2,400.00	0
Strip Mall	2.30	1000sqft	0.00	2,300.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2030
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	500	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Land Use - Land uses and acreage based on Project Description for Sites 1-6 for Option B (Hospital)

Construction Phase - Construction schedule adjusted based on Project Description and anticipated schedule provided by Kaiser

Off-road Equipment - Off-road equipment based on defaults for each Site. Trencher added during Grading phases for utilities installation.

Off-road Equipment - Off-road equipment based on defaults for each Site

Off-road Equipment - Off-road equipment based on defaults for each Site. Added a Crane with 350hp to represent a Impact Pile Driving Rig.

Off-road Equipment - Off-road equipment based on defaults for each Site. No pile drivers expected at this Site.

Off-road Equipment - Off-road equipment based on defaults for each Site. No pile driving expected for this Site.

Off-road Equipment - Off-road equipment based on defaults for each Site. Added a Crane with 350hp to represent a Impact Pile Driving Rig.

Off-road Equipment - Off-road equipment based on defaults for each Site. Added a Crane with 350hp to represent a Impact Pile Driving Rig.

Off-road Equipment - Off-road equipment based on defaults for each Site. Added a Crane with 350hp to represent a Impact Pile Driving Rig.

Off-road Equipment - Off-road equipment based on defaults for each Site

Trips and VMT - Haul trips based on material import/export or demolition debris based on input from Kaiser. Other trips based on defaults for each Site

Demolition - Debris tonnage based on CalEEMod factor of 0.046 tons/sf for buildings and CalRecycle factor of 2,400 lbs asphalt debris/yd3

Grading - Material import/export based on input from Kaiser. Total acres graded based on defaults for each Site

Architectural Coating - Architectural coatings based on defaults for each Site. Adjusted non-residential interior VOC to 50 g/L per Rule 1113

Vehicle Trips - Modeling construction only

Area Coating - Modeling construction only

Landscape Equipment - Modeling construction only

Energy Use - Modeling construction only

Water And Wastewater - Modeling construction only

Solid Waste - Modeling construction only

Construction Off-road Equipment Mitigation - Mitigation: Water exposed areas 3x/day, limit vehicle speeds to 15 mph

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	216,550.00	25,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	216,550.00	65,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	216,550.00	1,150.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	216,550.00	88,650.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	216,550.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	216,550.00	36,750.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	649,650.00	75,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	649,650.00	195,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	649,650.00	3,450.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	649,650.00	265,950.00

tblArchitecturalCoating	ConstArea_Nonresidential_Interior	649,650.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	649,650.00	110,250.00
tblArchitecturalCoating	ConstArea_Parking	39,492.00	144.00
tblArchitecturalCoating	ConstArea_Parking	39,492.00	18,168.00
tblArchitecturalCoating	ConstArea_Parking	39,492.00	13,836.00
tblArchitecturalCoating	ConstArea_Parking	39,492.00	0.00
tblArchitecturalCoating	ConstArea_Parking	39,492.00	7,344.00
tblArchitecturalCoating	ConstArea_Parking	39,492.00	0.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_Nonresidential_Exterior	216550	0
tblAreaCoating	Area_Nonresidential_Interior	649650	0
tblAreaCoating	Area_Parking	39492	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	13.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	47.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstructionPhase	NumDays	20.00	15.00

tblConstructionPhase	NumDays	20.00	23.00
tblConstructionPhase	NumDays	20.00	16.00
tblConstructionPhase	NumDays	20.00	31.00
tblConstructionPhase	NumDays	20.00	12.00
tblConstructionPhase	NumDays	20.00	12.00
tblConstructionPhase	NumDays	230.00	327.00
tblConstructionPhase	NumDays	230.00	691.00
tblConstructionPhase	NumDays	230.00	249.00
tblConstructionPhase	NumDays	230.00	442.00
tblConstructionPhase	NumDays	230.00	308.00
tblConstructionPhase	NumDays	20.00	65.00
tblConstructionPhase	NumDays	20.00	261.00
tblConstructionPhase	NumDays	20.00	240.00
tblConstructionPhase	NumDays	20.00	152.00
tblConstructionPhase	NumDays	20.00	42.00
tblConstructionPhase	NumDays	20.00	64.00
tblConstructionPhase	NumDays	20.00	7.00
tblConstructionPhase	NumDays	20.00	19.00
tblConstructionPhase	NumDays	20.00	5.00
tblConstructionPhase	NumDays	20.00	4.00
tblConstructionPhase	NumDays	20.00	75.00
tblConstructionPhase	NumDays	20.00	6.00
tblConstructionPhase	NumDays	20.00	23.00
tblConstructionPhase	NumDays	20.00	16.00
tblConstructionPhase	NumDays	20.00	31.00
tblConstructionPhase	NumDays	20.00	12.00
tblConstructionPhase	NumDays	20.00	12.00
tblConstructionPhase	NumDays	20.00	15.00
tblConstructionPhase	NumDays	10.00	3.00
tblConstructionPhase	NumDays	10.00	3.00
tblConstructionPhase	NumDays	10.00	25.00
tblConstructionPhase	NumDays	10.00	2.00

tblConstructionPhase	NumDays	10.00	4.00
tblEnergyUse	LightingElect	1.75	0.00
tblEnergyUse	LightingElect	5.31	0.00
tblEnergyUse	LightingElect	3.77	0.00
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	6.26	0.00
tblEnergyUse	NT24E	0.19	0.00
tblEnergyUse	NT24E	7.55	0.00
tblEnergyUse	NT24E	4.62	0.00
tblEnergyUse	NT24E	3.23	0.00
tblEnergyUse	NT24NG	9.82	0.00
tblEnergyUse	NT24NG	0.39	0.00
tblEnergyUse	NT24NG	0.49	0.00
tblEnergyUse	T24E	3.92	0.00
tblEnergyUse	T24E	9.96	0.00
tblEnergyUse	T24E	4.60	0.00
tblEnergyUse	T24E	4.01	0.00
tblEnergyUse	T24NG	54.94	0.00
tblEnergyUse	T24NG	10.02	0.00
tblEnergyUse	T24NG	1.15	0.00
tblGrading	AcresOfGrading	9.50	3.00
tblGrading	AcresOfGrading	7.50	0.75
tblGrading	AcresOfGrading	1.50	0.50
tblGrading	AcresOfGrading	15.00	4.50
tblGrading	AcresOfGrading	1.50	0.50
tblGrading	AcresOfGrading	5.00	0.50
tblGrading	AcresOfGrading	1.00	0.50
tblGrading	AcresOfGrading	2.00	0.50
tblGrading	MaterialExported	0.00	7,020.00
tblGrading	MaterialExported	0.00	10,420.00
tblGrading	MaterialExported	0.00	8,040.00
tblGrading	MaterialExported	0.00	47,506.00

tblGrading	MaterialExported	0.00	3,510.00
tblGrading	MaterialExported	0.00	5,210.00
tblGrading	MaterialExported	0.00	4,020.00
tblGrading	MaterialExported	0.00	23,754.00
tblGrading	MaterialImported	0.00	2,697.00
tblGrading	MaterialImported	0.00	380.00
tblGrading	MaterialImported	0.00	1,348.00
tblGrading	MaterialImported	0.00	380.00
tblLandUse	LotAcreage	4.07	2.80
tblLandUse	LotAcreage	2.98	0.50
tblLandUse	LotAcreage	1.15	0.75
tblLandUse	LotAcreage	1.69	0.60
tblLandUse	LotAcreage	2.81	0.60
tblLandUse	LotAcreage	5.29	0.60
tblLandUse	LotAcreage	6.95	0.50
tblLandUse	LotAcreage	0.05	0.00
tblOffRoadEquipment	HorsePower	231.00	350.00
tblOffRoadEquipment	HorsePower	231.00	350.00
tblOffRoadEquipment	HorsePower	231.00	350.00
tblOffRoadEquipment	HorsePower	231.00	350.00
tblOffRoadEquipment	HorsePower	84.00	97.00
tblOffRoadEquipment	LoadFactor	0.74	0.37
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Site Preparation - Site 1
tblOffRoadEquipment	PhaseName		Demolition - Site 1
tblOffRoadEquipment	PhaseName		Demolition - Site 2
tblOffRoadEquipment	PhaseName		Grading - Site 1
tblOffRoadEquipment	UsageHours	7.00	4.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblOffRoadEquipment	UsageHours	7.00	4.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblOffRoadEquipment	UsageHours	7.00	4.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblOffRoadEquipment	UsageHours	7.00	4.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
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tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	6.00

tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblOffRoadEquipment	UsageHours	7.00	8.00
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tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	500
tblSolidWaste	SolidWasteGenerationRate	1,914.84	0.00
tblSolidWaste	SolidWasteGenerationRate	2,737.80	0.00
tblSolidWaste	SolidWasteGenerationRate	2.42	0.00
tblTripsAndVMT	VendorTripNumber	179.00	38.00
tblTripsAndVMT	VendorTripNumber	179.00	29.00

tblTripsAndVMT	VendorTripNumber	179.00	20.00
tblTripsAndVMT	VendorTripNumber	179.00	12.00
tblTripsAndVMT	VendorTripNumber	179.00	71.00
tblTripsAndVMT	VendorTripNumber	179.00	9.00
tblTripsAndVMT	WorkerTripNumber	83.00	3.00
tblTripsAndVMT	WorkerTripNumber	83.00	34.00
tblTripsAndVMT	WorkerTripNumber	415.00	98.00
tblTripsAndVMT	WorkerTripNumber	415.00	57.00
tblTripsAndVMT	WorkerTripNumber	83.00	20.00
tblTripsAndVMT	WorkerTripNumber	83.00	11.00
tblTripsAndVMT	WorkerTripNumber	415.00	51.00
tblTripsAndVMT	WorkerTripNumber	415.00	24.00
tblTripsAndVMT	WorkerTripNumber	83.00	10.00
tblTripsAndVMT	WorkerTripNumber	83.00	5.00
tblTripsAndVMT	WorkerTripNumber	415.00	169.00
tblTripsAndVMT	WorkerTripNumber	415.00	17.00
tblVehicleTrips	ST_TR	10.18	0.00
tblVehicleTrips	ST_TR	8.96	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	8.91	0.00
tblVehicleTrips	SU_TR	1.55	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	13.22	0.00
tblVehicleTrips	WD_TR	36.13	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWater	IndoorWaterUseRate	22,247,699.31	0.00
tblWater	IndoorWaterUseRate	31,809,316.27	0.00
tblWater	IndoorWaterUseRate	170,366.80	0.00
tblWater	OutdoorWaterUseRate	4,237,657.01	0.00
tblWater	OutdoorWaterUseRate	6,058,917.39	0.00
tblWater	OutdoorWaterUseRate	104,418.36	0.00

2.0 Emissions Summary

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					
2020	0.2872	3.7110	1.9259	6.8300e-003	0.2209	0.1214	0.3424	0.0785	0.1134	0.1918	0.0000	639.0438	639.0438	0.0860	0.0000	641.1944
2021	0.5263	4.5363	4.2575	0.0105	0.3318	0.1763	0.5080	0.0896	0.1663	0.2560	0.0000	940.0053	940.0053	0.1317	0.0000	943.2971
2022	0.9586	3.4362	3.4093	7.8500e-003	0.2531	0.1403	0.3934	0.0625	0.1328	0.1952	0.0000	697.0151	697.0151	0.1047	0.0000	699.6337
2023	0.1447	1.3515	1.4173	2.6800e-003	0.0762	0.0625	0.1388	0.0142	0.0589	0.0731	0.0000	236.1223	236.1223	0.0486	0.0000	237.3373
2024	0.1251	1.2171	1.3479	3.5800e-003	0.1599	0.0423	0.2022	0.0360	0.0396	0.0756	0.0000	327.2435	327.2435	0.0493	0.0000	328.4755
2025	0.4508	3.6757	3.9407	0.0105	0.3274	0.1224	0.4497	0.1037	0.1147	0.2184	0.0000	934.4075	934.4075	0.1542	0.0000	938.2614
2026	0.2646	2.2244	2.4212	5.7100e-003	0.1054	0.0776	0.1830	0.0285	0.0737	0.1022	0.0000	495.8558	495.8558	0.0800	0.0000	497.8558
2027	0.7295	1.8186	2.0454	4.6700e-003	0.0843	0.0651	0.1495	0.0228	0.0617	0.0845	0.0000	405.5897	405.5897	0.0685	0.0000	407.3011
2028	0.1230	1.2314	1.3545	3.5400e-003	0.0867	0.0423	0.1290	0.0235	0.0392	0.0627	0.0000	322.5826	322.5826	0.0615	0.0000	324.1200
2029	0.3488	1.1661	1.3876	3.1200e-003	0.0702	0.0436	0.1138	0.0193	0.0402	0.0596	0.0000	281.3153	281.3153	0.0616	0.0000	282.8564
Maximum	0.9586	4.5363	4.2575	0.0105	0.3318	0.1763	0.5080	0.1037	0.1663	0.2560	0.0000	940.0053	940.0053	0.1542	0.0000	943.2971

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					
2020	0.2872	3.7110	1.9259	6.8300e-003	0.1651	0.1214	0.2865	0.0521	0.1134	0.1655	0.0000	639.0435	639.0435	0.0860	0.0000	641.1941

2021	0.5263	4.5363	4.2575	0.0105	0.3318	0.1763	0.5080	0.0896	0.1663	0.2560	0.0000	940.0048	940.0048	0.1317	0.0000	943.2966
2022	0.9586	3.4362	3.4093	7.8500e-003	0.2238	0.1403	0.3641	0.0581	0.1328	0.1908	0.0000	697.0146	697.0146	0.1047	0.0000	699.6332
2023	0.1447	1.3515	1.4173	2.6800e-003	0.0440	0.0625	0.1066	9.3200e-003	0.0589	0.0682	0.0000	236.1221	236.1221	0.0486	0.0000	237.3371
2024	0.1251	1.2171	1.3479	3.5800e-003	0.1175	0.0423	0.1598	0.0290	0.0396	0.0686	0.0000	327.2433	327.2433	0.0493	0.0000	328.4753
2025	0.4508	3.6757	3.9407	0.0105	0.2895	0.1224	0.4118	0.0842	0.1147	0.1989	0.0000	934.4069	934.4069	0.1542	0.0000	938.2608
2026	0.2646	2.2244	2.4212	5.7100e-003	0.1054	0.0776	0.1830	0.0285	0.0737	0.1022	0.0000	495.8554	495.8554	0.0800	0.0000	497.8554
2027	0.7295	1.8186	2.0454	4.6700e-003	0.0843	0.0651	0.1495	0.0228	0.0617	0.0845	0.0000	405.5894	405.5894	0.0685	0.0000	407.3007
2028	0.1230	1.2314	1.3545	3.5400e-003	0.0833	0.0423	0.1256	0.0226	0.0392	0.0617	0.0000	322.5824	322.5824	0.0615	0.0000	324.1198
2029	0.3488	1.1661	1.3876	3.1200e-003	0.0690	0.0436	0.1126	0.0188	0.0402	0.0590	0.0000	281.3151	281.3151	0.0616	0.0000	282.8562
Maximum	0.9586	4.5363	4.2575	0.0105	0.3318	0.1763	0.5080	0.0896	0.1663	0.2560	0.0000	940.0048	940.0048	0.1542	0.0000	943.2966

	ROG	NOx	CO	SO2	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	11.78	0.00	7.75	13.32	0.00	4.83	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-1-2020	6-30-2020	0.7674	0.7674
2	7-1-2020	9-30-2020	1.5898	1.5898
3	10-1-2020	12-31-2020	1.5870	1.5870
4	1-1-2021	3-31-2021	1.2448	1.2448
5	4-1-2021	6-30-2021	1.2539	1.2539
6	7-1-2021	9-30-2021	1.2677	1.2677
7	10-1-2021	12-31-2021	1.2725	1.2725
8	1-1-2022	3-31-2022	1.2051	1.2051
9	4-1-2022	6-30-2022	0.8539	0.8539
10	7-1-2022	9-30-2022	1.4375	1.4375
11	10-1-2022	12-31-2022	0.8734	0.8734
12	1-1-2023	3-31-2023	0.7398	0.7398
13	4-1-2023	6-30-2023	0.7473	0.7473

16	1-1-2024	3-31-2024	0.2222	0.2222
17	4-1-2024	6-30-2024	0.2218	0.2218
18	7-1-2024	9-30-2024	0.4516	0.4516
19	10-1-2024	12-31-2024	0.4413	0.4413
20	1-1-2025	3-31-2025	1.1257	1.1257
21	4-1-2025	6-30-2025	1.0245	1.0245
22	7-1-2025	9-30-2025	1.0358	1.0358
23	10-1-2025	12-31-2025	0.9260	0.9260
24	1-1-2026	3-31-2026	0.6127	0.6127
25	4-1-2026	6-30-2026	0.6186	0.6186
26	7-1-2026	9-30-2026	0.6254	0.6254
27	10-1-2026	12-31-2026	0.6263	0.6263
28	1-1-2027	3-31-2027	0.6115	0.6115
29	4-1-2027	6-30-2027	0.6174	0.6174
30	7-1-2027	9-30-2027	0.6242	0.6242
31	10-1-2027	12-31-2027	0.6916	0.6916
32	1-1-2028	3-31-2028	0.1861	0.1861
33	4-1-2028	6-30-2028	0.4654	0.4654
34	7-1-2028	9-30-2028	0.3560	0.3560
35	10-1-2028	12-31-2028	0.3568	0.3568
36	1-1-2029	3-31-2029	0.6060	0.6060
37	4-1-2029	6-30-2029	0.2770	0.2770
38	7-1-2029	9-30-2029	0.2287	0.2287
		Highest	1.5898	1.5898

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 - Site 1	Demolition	4/1/2020	6/30/2020	5	65	Phase 1
2	Site Preparation - Site 1	Site Preparation	7/1/2020	8/4/2020	5	25	Phase 1
3	Grading - Site 1	Grading	8/5/2020	11/17/2020	5	75	Phase 1
4	Demolition - Site 2	Demolition	10/1/2020	11/27/2020	5	42	Phase 1
5	Building Construction - Site 1	Building Construction	11/18/2020	7/28/2022	5	442	Phase 1
6	Site Preparation - Site 2	Site Preparation	12/1/2020	12/4/2020	5	4	Phase 1
7	Grading - Site 2	Grading	12/5/2020	12/14/2020	5	6	Phase 1
8	Building Construction - Site 2	Building Construction	12/15/2020	2/17/2022	5	308	Phase 1
9	Paving - Site 2	Paving	2/18/2022	3/10/2022	5	15	Phase 1
10	Architectural Coating - Site 2	Architectural Coating	3/11/2022	3/31/2022	5	15	Phase 1
11	Demolition - Site 3	Demolition	7/1/2022	6/30/2023	5	261	Phase 1
12	Paving - Site 1	Paving	7/29/2022	8/30/2022	5	23	Phase 1
13	Demolition - Site 4	Demolition	8/1/2022	6/30/2023	5	240	Phase 1
14	Architectural Coating - Site 1	Architectural Coating	8/31/2022	9/30/2022	5	23	Phase 1
15	Demolition - Site 5	Demolition	1/1/2024	7/30/2024	5	152	Phase 2
16	Site Preparation - Site 5	Site Preparation	8/1/2024	8/5/2024	5	3	Phase 2
17	Grading - Site 5	Grading	8/6/2024	8/14/2024	5	7	Phase 2
18	Building Construction - Site 5	Building Construction	8/15/2024	11/14/2025	5	327	Phase 2
19	Site Preparation - Site 4	Site Preparation	1/1/2025	1/14/2025	5	10	Phase 2
20	Grading - Site 4	Grading	1/15/2025	2/10/2025	5	19	Phase 2
21	Building Construction - Site 4	Building Construction	2/11/2025	10/5/2027	5	691	Phase 2
22	Paving - Site 5	Paving	11/15/2025	12/8/2025	5	16	Phase 2
23	Architectural Coating - Site 5	Architectural Coating	12/9/2025	12/30/2025	5	16	Phase 2
24	Paving - Site 4	Paving	10/6/2027	11/17/2027	5	31	Phase 2
25	Architectural Coating - Site 4	Architectural Coating	11/18/2027	12/30/2027	5	31	Phase 2
26	Demolition - Site 6	Demolition	1/1/2028	3/30/2028	5	64	Phase 3
27	Site Preparation - Site 6	Site Preparation	4/1/2028	4/5/2028	5	3	Phase 3

28	Grading - Site 6	Grading	4/6/2028	4/12/2028	5	5	Phase 3
29	Building Construction - Site 6	Building Construction	4/13/2028	3/27/2029	5	249	Phase 3
30	Site Preparation - Site 3	Site Preparation	1/1/2029	1/2/2029	5	2	Phase 3
31	Grading - Site 3	Grading	1/3/2029	1/8/2029	5	4	Phase 3
32	Building Construction - Site 3	Building Construction	1/9/2029	11/26/2029	5	230	Phase 3
33	Paving - Site 6	Paving	3/28/2029	4/12/2029	5	12	Phase 3
34	Architectural Coating - Site 6	Architectural Coating	4/13/2029	4/30/2029	5	12	Phase 3
35	Paving - Site 3	Paving	11/27/2029	12/12/2029	5	12	Phase 3
36	Architectural Coating - Site 3	Architectural Coating	12/13/2029	12/28/2029	5	12	Phase 3

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 1.75

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 75,000; Non-Residential Outdoor: 25,000; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition - Site 1	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition - Site 1	Excavators	0	0.00	158	0.38
Demolition - Site 1	Rubber Tired Dozers	1	8.00	247	0.40
Demolition - Site 1	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Demolition - Site 2	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition - Site 2	Excavators	0	0.00	158	0.38
Demolition - Site 2	Rubber Tired Dozers	1	1.00	247	0.40
Demolition - Site 2	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Site Preparation - Site 1	Graders	1	8.00	187	0.41
Site Preparation - Site 1	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation - Site 1	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading - Site 1	Excavators	0	0.00	158	0.38
Grading - Site 1	Graders	1	6.00	187	0.41
Grading - Site 1	Rubber Tired Dozers	1	6.00	247	0.40

Grading - Site 1	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading - Site 1	Trenchers	1	8.00	78	0.50
Building Construction - Site 1	Cranes	1	6.00	231	0.29
Building Construction - Site 1	Cranes	1	6.00	350	0.29
Building Construction - Site 1	Forklifts	1	6.00	89	0.20
Building Construction - Site 1	Generator Sets	1	8.00	84	0.74
Building Construction - Site 1	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction - Site 1	Welders	3	8.00	46	0.45
Site Preparation - Site 2	Graders	1	8.00	187	0.41
Site Preparation - Site 2	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading - Site 2	Concrete/Industrial Saws	1	8.00	81	0.73
Grading - Site 2	Rubber Tired Dozers	1	1.00	247	0.40
Grading - Site 2	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading - Site 2	Trenchers	1	8.00	78	0.50
Building Construction - Site 2	Aerial Lifts	0		63	0.31
Building Construction - Site 2	Cranes	1	4.00	231	0.29
Building Construction - Site 2	Forklifts	2	6.00	89	0.20
Building Construction - Site 2	Generator Sets	0	0.00	97	0.37
Building Construction - Site 2	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - Site 2	Welders	0	0.00	46	0.45
Paving - Site 2	Cement and Mortar Mixers	4	6.00	9	0.56
Paving - Site 2	Pavers	1	7.00	130	0.42
Paving - Site 2	Paving Equipment	0	0.00	132	0.36
Paving - Site 2	Rollers	1	7.00	80	0.38
Paving - Site 2	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating - Site 2	Air Compressors	1	6.00	78	0.48
Demolition - Site 3	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition - Site 3	Excavators	0	0.00	158	0.38
Demolition - Site 3	Rubber Tired Dozers	1	1.00	247	0.40
Demolition - Site 3	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving - Site 1	Cement and Mortar Mixers	1	6.00	9	0.56
Paving - Site 1	Pavers	1	6.00	130	0.42

Paving - Site 1	Paving Equipment	1	8.00	132	0.36
Paving - Site 1	Rollers	1	7.00	80	0.38
Paving - Site 1	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Demolition - Site 4	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition - Site 4	Excavators	0	0.00	158	0.38
Demolition - Site 4	Rubber Tired Dozers	1	8.00	247	0.40
Demolition - Site 4	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Architectural Coating - Site 1	Air Compressors	1	6.00	78	0.48
Demolition - Site 5	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition - Site 5	Excavators	0	0.00	158	0.38
Demolition - Site 5	Rubber Tired Dozers	1	1.00	247	0.40
Demolition - Site 5	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Site Preparation - Site 5	Graders	1	8.00	187	0.41
Site Preparation - Site 5	Rubber Tired Dozers	0	0.00	247	0.40
Site Preparation - Site 5	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading - Site 5	Concrete/Industrial Saws	1	8.00	81	0.73
Grading - Site 5	Excavators	0	0.00	158	0.38
Grading - Site 5	Graders	0	0.00	187	0.41
Grading - Site 5	Rubber Tired Dozers	1	1.00	247	0.40
Grading - Site 5	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading - Site 5	Trenchers	1	8.00	78	0.50
Building Construction - Site 5	Cranes	1	4.00	231	0.29
Building Construction - Site 5	Cranes	1	6.00	350	0.29
Building Construction - Site 5	Forklifts	2	6.00	89	0.20
Building Construction - Site 5	Generator Sets	0	0.00	84	0.74
Building Construction - Site 5	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - Site 5	Welders	0	0.00	46	0.45
Site Preparation - Site 4	Graders	1	8.00	187	0.41
Site Preparation - Site 4	Rubber Tired Dozers	0	0.00	247	0.40
Site Preparation - Site 4	Scrapers	1	8.00	367	0.48
Site Preparation - Site 4	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading - Site 4	Excavators	0	0.00	158	0.38

Grading - Site 4	Graders	1	8.00	187	0.41
Grading - Site 4	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Site 4	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Grading - Site 4	Trenchers	1	8.00	78	0.50
Building Construction - Site 4	Cranes	1	8.00	231	0.29
Building Construction - Site 4	Cranes	1	6.00	350	0.29
Building Construction - Site 4	Forklifts	2	7.00	89	0.20
Building Construction - Site 4	Generator Sets	1	8.00	84	0.74
Building Construction - Site 4	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction - Site 4	Welders	3	8.00	46	0.45
Paving - Site 5	Cement and Mortar Mixers	4	6.00	9	0.56
Paving - Site 5	Pavers	1	7.00	130	0.42
Paving - Site 5	Paving Equipment	0	0.00	132	0.36
Paving - Site 5	Rollers	1	7.00	80	0.38
Paving - Site 5	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating - Site 5	Air Compressors	1	6.00	78	0.48
Paving - Site 4	Cement and Mortar Mixers	1	8.00	9	0.56
Paving - Site 4	Pavers	1	8.00	130	0.42
Paving - Site 4	Paving Equipment	1	8.00	132	0.36
Paving - Site 4	Rollers	2	8.00	80	0.38
Paving - Site 4	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating - Site 4	Air Compressors	1	6.00	78	0.48
Demolition - Site 6	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition - Site 6	Excavators	0	0.00	158	0.38
Demolition - Site 6	Rubber Tired Dozers	1	1.00	247	0.40
Demolition - Site 6	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Site Preparation - Site 6	Graders	1	8.00	187	0.41
Site Preparation - Site 6	Rubber Tired Dozers	0	0.00	247	0.40
Site Preparation - Site 6	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading - Site 6	Concrete/Industrial Saws	1	8.00	81	0.73
Grading - Site 6	Excavators	0	0.00	158	0.38
Grading - Site 6	Graders	0	0.00	187	0.41

Grading - Site 6	Rubber Tired Dozers	1	1.00	247	0.40
Grading - Site 6	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading - Site 6	Trenchers	1	8.00	78	0.50
Building Construction - Site 6	Cranes	1	4.00	231	0.29
Building Construction - Site 6	Cranes	1	6.00	350	0.29
Building Construction - Site 6	Forklifts	2	6.00	89	0.20
Building Construction - Site 6	Generator Sets	0	0.00	84	0.74
Building Construction - Site 6	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - Site 6	Welders	0	0.00	46	0.45
Site Preparation - Site 3	Graders	1	8.00	187	0.41
Site Preparation - Site 3	Rubber Tired Dozers	0	0.00	247	0.40
Site Preparation - Site 3	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading - Site 3	Concrete/Industrial Saws	1	8.00	81	0.73
Grading - Site 3	Excavators	0	0.00	158	0.38
Grading - Site 3	Graders	0	0.00	187	0.41
Grading - Site 3	Rubber Tired Dozers	1	1.00	247	0.40
Grading - Site 3	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading - Site 3	Trenchers	1	8.00	78	0.50
Building Construction - Site 3	Cranes	1	4.00	231	0.29
Building Construction - Site 3	Forklifts	2	6.00	89	0.20
Building Construction - Site 3	Generator Sets	0	0.00	84	0.74
Building Construction - Site 3	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - Site 3	Welders	0	0.00	46	0.45
Paving - Site 6	Cement and Mortar Mixers	4	6.00	9	0.56
Paving - Site 6	Pavers	1	7.00	130	0.42
Paving - Site 6	Paving Equipment	0	0.00	132	0.36
Paving - Site 6	Rollers	1	7.00	80	0.38
Paving - Site 6	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating - Site 6	Air Compressors	1	6.00	78	0.48
Paving - Site 3	Cement and Mortar Mixers	4	6.00	9	0.56
Paving - Site 3	Pavers	1	7.00	130	0.42
Paving - Site 3	Paving Equipment	0	0.00	132	0.36

Paving - Site 3	Rollers	1	7.00	80	0.38
Paving - Site 3	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating - Site 3	Air Compressors	1	6.00	78	0.48

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 - Site 1	5	13.00	0.00	96.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition - Site 2	4	10.00	0.00	22.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Site 1	3	8.00	0.00	2,969.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Site 1	4	10.00	0.00	5,938.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Site 1	8	169.00	71.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Site 2	2	5.00	0.00	48.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Site 2	5	13.00	0.00	48.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Site 2	5	17.00	9.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Site 2	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Site 2	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition - Site 3	4	10.00	0.00	383.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Site 1	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition - Site 4	5	13.00	0.00	548.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Site 1	1	34.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition - Site 5	4	10.00	0.00	609.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Site 5	2	5.00	0.00	439.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Site 5	5	13.00	0.00	878.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Site 5	6	98.00	38.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Site 4	3	8.00	0.00	651.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Site 4	5	13.00	0.00	1,303.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Site 4	9	57.00	29.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Site 5	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Site 5	1	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Site 4	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Architectural Coating - Site 4	1	11.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition - Site 6	4	10.00	0.00	25.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Site 6	2	5.00	0.00	503.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Site 6	5	13.00	0.00	1,005.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Site 6	6	51.00	20.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Site 3	2	5.00	0.00	169.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Site 3	5	13.00	0.00	337.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Site 3	5	24.00	12.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Site 6	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Site 6	1	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Site 3	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Site 2	1	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - Site 1 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0103	0.0000	0.0103	1.5600e-003	0.0000	1.5600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0691	0.6808	0.4764	7.8000e-004		0.0375	0.0375		0.0350	0.0350	0.0000	68.4699	68.4699	0.0176	0.0000	68.9099
Total	0.0691	0.6808	0.4764	7.8000e-004	0.0103	0.0375	0.0478	1.5600e-003	0.0350	0.0365	0.0000	68.4699	68.4699	0.0176	0.0000	68.9099

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	4.2000e-004	0.0143	3.1400e-003	4.0000e-005	8.2000e-004	4.0000e-005	8.7000e-004	2.3000e-004	4.0000e-005	2.7000e-004	0.0000	3.6998	3.6998	2.6000e-004	0.0000	3.7062
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	1.9500e-003	1.5700e-003	0.0174	5.0000e-005	4.6300e-003	4.0000e-005	4.6700e-003	1.2300e-003	4.0000e-005	1.2700e-003	0.0000	4.3152	4.3152	1.4000e-004	0.0000	4.3186
Total	2.3700e-003	0.0158	0.0205	9.0000e-005	5.4500e-003	8.0000e-005	5.5400e-003	1.4600e-003	8.0000e-005	1.5400e-003	0.0000	8.0150	8.0150	4.0000e-004	0.0000	8.0248

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					4.0300e-003	0.0000	4.0300e-003	6.1000e-004	0.0000	6.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0691	0.6808	0.4764	7.8000e-004		0.0375	0.0375		0.0350	0.0350	0.0000	68.4698	68.4698	0.0176	0.0000	68.9098
Total	0.0691	0.6808	0.4764	7.8000e-004	4.0300e-003	0.0375	0.0415	6.1000e-004	0.0350	0.0356	0.0000	68.4698	68.4698	0.0176	0.0000	68.9098

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	4.2000e-004	0.0143	3.1400e-003	4.0000e-005	8.2000e-004	4.0000e-005	8.7000e-004	2.3000e-004	4.0000e-005	2.7000e-004	0.0000	3.6998	3.6998	2.6000e-004	0.0000	3.7062

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	1.9500e-003	1.5700e-003	0.0174	5.0000e-005	4.6300e-003	4.0000e-005	4.6700e-003	1.2300e-003	4.0000e-005	1.2700e-003	0.0000	4.3152	4.3152	1.4000e-004	0.0000	4.3186
Total	2.3700e-003	0.0158	0.0205	9.0000e-005	5.4500e-003	8.0000e-005	5.5400e-003	1.4600e-003	8.0000e-005	1.5400e-003	0.0000	8.0150	8.0150	4.0000e-004	0.0000	8.0248

3.3 Site Preparation - Site 1 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0280	0.0000	0.0280	0.0147	0.0000	0.0147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0204	0.2293	0.0964	2.2000e-004		0.0103	0.0103		9.4400e-003	9.4400e-003	0.0000	18.9081	18.9081	6.1200e-003	0.0000	19.0610
Total	0.0204	0.2293	0.0964	2.2000e-004	0.0280	0.0103	0.0382	0.0147	9.4400e-003	0.0242	0.0000	18.9081	18.9081	6.1200e-003	0.0000	19.0610

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	0.0131	0.4409	0.0972	1.1600e-003	0.0255	1.3700e-003	0.0269	7.0100e-003	1.3100e-003	8.3200e-003	0.0000	114.4226	114.4226	7.9700e-003	0.0000	114.6219
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6000e-004	3.7000e-004	4.1200e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1100e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	1.0214	1.0214	3.0000e-005	0.0000	1.0222
Total	0.0136	0.4412	0.1013	1.1700e-003	0.0266	1.3800e-003	0.0280	7.3000e-003	1.3200e-003	8.6200e-003	0.0000	115.4440	115.4440	8.0000e-003	0.0000	115.6440

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0109	0.0000	0.0109	5.7400e-003	0.0000	5.7400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0204	0.2293	0.0964	2.2000e-004		0.0103	0.0103		9.4400e-003	9.4400e-003	0.0000	18.9081	18.9081	6.1200e-003	0.0000	19.0610
Total	0.0204	0.2293	0.0964	2.2000e-004	0.0109	0.0103	0.0212	5.7400e-003	9.4400e-003	0.0152	0.0000	18.9081	18.9081	6.1200e-003	0.0000	19.0610

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	0.0131	0.4409	0.0972	1.1600e-003	0.0255	1.3700e-003	0.0269	7.0100e-003	1.3100e-003	8.3200e-003	0.0000	114.4226	114.4226	7.9700e-003	0.0000	114.6219
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6000e-004	3.7000e-004	4.1200e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1100e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	1.0214	1.0214	3.0000e-005	0.0000	1.0222
Total	0.0136	0.4412	0.1013	1.1700e-003	0.0266	1.3800e-003	0.0280	7.3000e-003	1.3200e-003	8.6200e-003	0.0000	115.4440	115.4440	8.0000e-003	0.0000	115.6440

3.4 Grading - Site 1 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0483	0.0000	0.0483	0.0253	0.0000	0.0253	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	0.0664	0.7081	0.3409	6.5000e-004		0.0363	0.0363		0.0334	0.0334	0.0000	57.5789	57.5789	0.0186	0.0000	58.0445
Total	0.0664	0.7081	0.3409	6.5000e-004	0.0483	0.0363	0.0846	0.0253	0.0334	0.0587	0.0000	57.5789	57.5789	0.0186	0.0000	58.0445

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	0.0262	0.8817	0.1943	2.3300e-003	0.0510	2.7400e-003	0.0538	0.0140	2.6200e-003	0.0166	0.0000	228.8452	228.8452	0.0159	0.0000	229.2437
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	1.7300e-003	1.4000e-003	0.0154	4.0000e-005	4.1100e-003	4.0000e-005	4.1400e-003	1.0900e-003	3.0000e-005	1.1200e-003	0.0000	3.8301	3.8301	1.2000e-004	0.0000	3.8331
Total	0.0279	0.8831	0.2098	2.3700e-003	0.0551	2.7800e-003	0.0579	0.0151	2.6500e-003	0.0178	0.0000	232.6753	232.6753	0.0161	0.0000	233.0768

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0188	0.0000	0.0188	9.8600e-003	0.0000	9.8600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0664	0.7081	0.3409	6.5000e-004		0.0363	0.0363		0.0334	0.0334	0.0000	57.5789	57.5789	0.0186	0.0000	58.0444
Total	0.0664	0.7081	0.3409	6.5000e-004	0.0188	0.0363	0.0551	9.8600e-003	0.0334	0.0433	0.0000	57.5789	57.5789	0.0186	0.0000	58.0444

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	0.0262	0.8817	0.1943	2.3300e-003	0.0510	2.7400e-003	0.0538	0.0140	2.6200e-003	0.0166	0.0000	228.8452	228.8452	0.0159	0.0000	229.2437
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	1.7300e-003	1.4000e-003	0.0154	4.0000e-005	4.1100e-003	4.0000e-005	4.1400e-003	1.0900e-003	3.0000e-005	1.1200e-003	0.0000	3.8301	3.8301	1.2000e-004	0.0000	3.8331
Total	0.0279	0.8831	0.2098	2.3700e-003	0.0551	2.7800e-003	0.0579	0.0151	2.6500e-003	0.0178	0.0000	232.6753	232.6753	0.0161	0.0000	233.0768

3.5 Demolition - Site 2 - 2020
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					2.4100e-003	0.0000	2.4100e-003	3.7000e-004	0.0000	3.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0182	0.1653	0.1601	2.5000e-004		9.8100e-003	9.8100e-003		9.3600e-003	9.3600e-003	0.0000	21.8558	21.8558	4.1300e-003	0.0000	21.9591
Total	0.0182	0.1653	0.1601	2.5000e-004	2.4100e-003	9.8100e-003	0.0122	3.7000e-004	9.3600e-003	9.7300e-003	0.0000	21.8558	21.8558	4.1300e-003	0.0000	21.9591

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-004	3.2700e-003	7.2000e-004	1.0000e-005	1.9000e-004	1.0000e-005	2.0000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.8479	0.8479	6.0000e-005	0.0000	0.8493

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	9.7000e-004	7.8000e-004	8.6400e-003	2.0000e-005	2.3000e-003	2.0000e-005	2.3200e-003	6.1000e-004	2.0000e-005	6.3000e-004	0.0000	2.1448	2.1448	7.0000e-005	0.0000	2.1465
Total	1.0700e-003	4.0500e-003	9.3600e-003	3.0000e-005	2.4900e-003	3.0000e-005	2.5200e-003	6.6000e-004	3.0000e-005	6.9000e-004	0.0000	2.9927	2.9927	1.3000e-004	0.0000	2.9959

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					9.4000e-004	0.0000	9.4000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0182	0.1653	0.1601	2.5000e-004		9.8100e-003	9.8100e-003		9.3600e-003	9.3600e-003	0.0000	21.8558	21.8558	4.1300e-003	0.0000	21.9591
Total	0.0182	0.1653	0.1601	2.5000e-004	9.4000e-004	9.8100e-003	0.0108	1.4000e-004	9.3600e-003	9.5000e-003	0.0000	21.8558	21.8558	4.1300e-003	0.0000	21.9591

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0000e-004	3.2700e-003	7.2000e-004	1.0000e-005	1.9000e-004	1.0000e-005	2.0000e-004	5.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.8479	0.8479	6.0000e-005	0.0000	0.8493
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	9.7000e-004	7.8000e-004	8.6400e-003	2.0000e-005	2.3000e-003	2.0000e-005	2.3200e-003	6.1000e-004	2.0000e-005	6.3000e-004	0.0000	2.1448	2.1448	7.0000e-005	0.0000	2.1465
Total	1.0700e-003	4.0500e-003	9.3600e-003	3.0000e-005	2.4900e-003	3.0000e-005	2.5200e-003	6.6000e-004	3.0000e-005	6.9000e-004	0.0000	2.9927	2.9927	1.3000e-004	0.0000	2.9959

3.6 Building Construction - Site 1 - 2020

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	0.0394	0.3196	0.2682	4.6000e-004		0.0161	0.0161		0.0154	0.0154	0.0000	38.2560	38.2560	8.3700e-003	0.0000	38.4652
Total	0.0394	0.3196	0.2682	4.6000e-004		0.0161	0.0161		0.0154	0.0154	0.0000	38.2560	38.2560	8.3700e-003	0.0000	38.4652

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	4.1200e-003	0.1231	0.0333	2.9000e-004	7.1600e-003	5.7000e-004	7.7300e-003	2.0700e-003	5.5000e-004	2.6100e-003	0.0000	28.2212	28.2212	1.7900e-003	0.0000	28.2661
Worker	0.0125	0.0101	0.1113	3.1000e-004	0.0296	2.5000e-004	0.0299	7.8700e-003	2.3000e-004	8.1000e-003	0.0000	27.6173	27.6173	8.7000e-004	0.0000	27.6391
Total	0.0166	0.1332	0.1446	6.0000e-004	0.0368	8.2000e-004	0.0376	9.9400e-003	7.8000e-004	0.0107	0.0000	55.8385	55.8385	2.6600e-003	0.0000	55.9051

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	0.0394	0.3196	0.2682	4.6000e-004		0.0161	0.0161		0.0154	0.0154	0.0000	38.2559	38.2559	8.3700e-003	0.0000	38.4652

Total	0.0394	0.3196	0.2682	4.6000e-004		0.0161	0.0161		0.0154	0.0154	0.0000	38.2559	38.2559	8.3700e-003	0.0000	38.4652
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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	4.1200e-003	0.1231	0.0333	2.9000e-004	7.1600e-003	5.7000e-004	7.7300e-003	2.0700e-003	5.5000e-004	2.6100e-003	0.0000	28.2212	28.2212	1.7900e-003	0.0000	28.2661
Worker	0.0125	0.0101	0.1113	3.1000e-004	0.0296	2.5000e-004	0.0299	7.8700e-003	2.3000e-004	8.1000e-003	0.0000	27.6173	27.6173	8.7000e-004	0.0000	27.6391
Total	0.0166	0.1332	0.1446	6.0000e-004	0.0368	8.2000e-004	0.0376	9.9400e-003	7.8000e-004	0.0107	0.0000	55.8385	55.8385	2.6600e-003	0.0000	55.9051

3.6 Building Construction - Site 1 - 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	0.2883	2.3827	2.1123	3.7300e-003		0.1136	0.1136		0.1086	0.1086	0.0000	312.0160	312.0160	0.0666	0.0000	313.6805
Total	0.2883	2.3827	2.1123	3.7300e-003		0.1136	0.1136		0.1086	0.1086	0.0000	312.0160	312.0160	0.0666	0.0000	313.6805

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	0.0288	0.9144	0.2479	2.3600e-003	0.0584	1.8600e-003	0.0602	0.0168	1.7800e-003	0.0186	0.0000	228.3914	228.3914	0.0140	0.0000	228.7416
Worker	0.0949	0.0739	0.8340	2.4100e-003	0.2417	1.9900e-003	0.2437	0.0642	1.8300e-003	0.0660	0.0000	218.1007	218.1007	6.4200e-003	0.0000	218.2612
Total	0.1237	0.9883	1.0819	4.7700e-003	0.3000	3.8500e-003	0.3039	0.0810	3.6100e-003	0.0847	0.0000	446.4921	446.4921	0.0204	0.0000	447.0028

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	0.2883	2.3827	2.1123	3.7300e-003		0.1136	0.1136		0.1086	0.1086	0.0000	312.0156	312.0156	0.0666	0.0000	313.6802
Total	0.2883	2.3827	2.1123	3.7300e-003		0.1136	0.1136		0.1086	0.1086	0.0000	312.0156	312.0156	0.0666	0.0000	313.6802

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	0.0288	0.9144	0.2479	2.3600e-003	0.0584	1.8600e-003	0.0602	0.0168	1.7800e-003	0.0186	0.0000	228.3914	228.3914	0.0140	0.0000	228.7416
Worker	0.0949	0.0739	0.8340	2.4100e-003	0.2417	1.9900e-003	0.2437	0.0642	1.8300e-003	0.0660	0.0000	218.1007	218.1007	6.4200e-003	0.0000	218.2612
Total	0.1237	0.9883	1.0819	4.7700e-003	0.3000	3.8500e-003	0.3039	0.0810	3.6100e-003	0.0847	0.0000	446.4921	446.4921	0.0204	0.0000	447.0028

3.6 Building Construction - Site 1 - 2022
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1489	1.2209	1.1694	2.1300e-003		0.0556	0.0556		0.0532	0.0532	0.0000	178.1209	178.1209	0.0374	0.0000	179.0564
Total	0.1489	1.2209	1.1694	2.1300e-003		0.0556	0.0556		0.0532	0.0532	0.0000	178.1209	178.1209	0.0374	0.0000	179.0564

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	0.0154	0.4960	0.1339	1.3300e-003	0.0333	9.3000e-004	0.0343	9.6200e-003	8.9000e-004	0.0105	0.0000	129.2392	129.2392	7.7200e-003	0.0000	129.4322
Worker	0.0508	0.0381	0.4387	1.3300e-003	0.1380	1.1000e-003	0.1391	0.0366	1.0100e-003	0.0377	0.0000	120.1329	120.1329	3.3100e-003	0.0000	120.2156
Total	0.0662	0.5340	0.5726	2.6600e-003	0.1713	2.0300e-003	0.1733	0.0463	1.9000e-003	0.0482	0.0000	249.3720	249.3720	0.0110	0.0000	249.6477

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	0.1489	1.2209	1.1694	2.1300e-003		0.0556	0.0556		0.0532	0.0532	0.0000	178.1207	178.1207	0.0374	0.0000	179.0562
Total	0.1489	1.2209	1.1694	2.1300e-003		0.0556	0.0556		0.0532	0.0532	0.0000	178.1207	178.1207	0.0374	0.0000	179.0562

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	0.0154	0.4960	0.1339	1.3300e-003	0.0333	9.3000e-004	0.0343	9.6200e-003	8.9000e-004	0.0105	0.0000	129.2392	129.2392	7.7200e-003	0.0000	129.4322
Worker	0.0508	0.0381	0.4387	1.3300e-003	0.1380	1.1000e-003	0.1391	0.0366	1.0100e-003	0.0377	0.0000	120.1329	120.1329	3.3100e-003	0.0000	120.2156
Total	0.0662	0.5340	0.5726	2.6600e-003	0.1713	2.0300e-003	0.1733	0.0463	1.9000e-003	0.0482	0.0000	249.3720	249.3720	0.0110	0.0000	249.6477

3.7 Site Preparation - Site 2 - 2020

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-004	0.0000	2.9000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	1.3700e-003	0.0169	8.1900e-003	2.0000e-005		6.7000e-004	6.7000e-004		6.2000e-004	6.2000e-004	0.0000	1.7118	1.7118	5.5000e-004	0.0000	1.7257
Total	1.3700e-003	0.0169	8.1900e-003	2.0000e-005	2.9000e-004	6.7000e-004	6.6000e-004	3.0000e-005	6.2000e-004	6.5000e-004	0.0000	1.7118	1.7118	5.5000e-004	0.0000	1.7257

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	2.1000e-004	7.1300e-003	1.5700e-003	2.0000e-005	4.1000e-004	2.0000e-005	4.3000e-004	1.1000e-004	2.0000e-005	1.3000e-004	0.0000	1.8499	1.8499	1.3000e-004	0.0000	1.8531
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-005	4.0000e-005	4.1000e-004	0.0000	1.1000e-004	0.0000	1.1000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.1021	0.1021	0.0000	0.0000	0.1022
Total	2.6000e-004	7.1700e-003	1.9800e-003	2.0000e-005	5.2000e-004	2.0000e-005	5.4000e-004	1.4000e-004	2.0000e-005	1.6000e-004	0.0000	1.9520	1.9520	1.3000e-004	0.0000	1.9553

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					1.1000e-004	0.0000	1.1000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3700e-003	0.0169	8.1900e-003	2.0000e-005		6.7000e-004	6.7000e-004		6.2000e-004	6.2000e-004	0.0000	1.7118	1.7118	5.5000e-004	0.0000	1.7257
Total	1.3700e-003	0.0169	8.1900e-003	2.0000e-005	1.1000e-004	6.7000e-004	7.8000e-004	1.0000e-005	6.2000e-004	6.3000e-004	0.0000	1.7118	1.7118	5.5000e-004	0.0000	1.7257

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	2.1000e-004	7.1300e-003	1.5700e-003	2.0000e-005	4.1000e-004	2.0000e-005	4.3000e-004	1.1000e-004	2.0000e-005	1.3000e-004	0.0000	1.8499	1.8499	1.3000e-004	0.0000	1.8531
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-005	4.0000e-005	4.1000e-004	0.0000	1.1000e-004	0.0000	1.1000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.1021	0.1021	0.0000	0.0000	0.1022
Total	2.6000e-004	7.1700e-003	1.9800e-003	2.0000e-005	5.2000e-004	2.0000e-005	5.4000e-004	1.4000e-004	2.0000e-005	1.6000e-004	0.0000	1.9520	1.9520	1.3000e-004	0.0000	1.9553

3.8 Grading - Site 2 - 2020
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					2.2800e-003	0.0000	2.2800e-003	1.2400e-003	0.0000	1.2400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8600e-003	0.0350	0.0308	5.0000e-005		2.2500e-003	2.2500e-003		2.1200e-003	2.1200e-003	0.0000	4.0117	4.0117	8.8000e-004	0.0000	4.0337
Total	3.8600e-003	0.0350	0.0308	5.0000e-005	2.2800e-003	2.2500e-003	4.5300e-003	1.2400e-003	2.1200e-003	3.3600e-003	0.0000	4.0117	4.0117	8.8000e-004	0.0000	4.0337

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	2.1000e-004	7.1300e-003	1.5700e-003	2.0000e-005	4.1000e-004	2.0000e-005	4.3000e-004	1.1000e-004	2.0000e-005	1.3000e-004	0.0000	1.8499	1.8499	1.3000e-004	0.0000	1.8531

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.5000e-004	1.6100e-003	0.0000	4.3000e-004	0.0000	4.3000e-004	1.1000e-004	0.0000	1.2000e-004	0.0000	0.3983	0.3983	1.0000e-005	0.0000	0.3986
Total	3.9000e-004	7.2800e-003	3.1800e-003	2.0000e-005	8.4000e-004	2.0000e-005	8.6000e-004	2.2000e-004	2.0000e-005	2.5000e-004	0.0000	2.2482	2.2482	1.4000e-004	0.0000	2.2517

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					8.9000e-004	0.0000	8.9000e-004	4.9000e-004	0.0000	4.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8600e-003	0.0350	0.0308	5.0000e-005		2.2500e-003	2.2500e-003		2.1200e-003	2.1200e-003	0.0000	4.0117	4.0117	8.8000e-004	0.0000	4.0336
Total	3.8600e-003	0.0350	0.0308	5.0000e-005	8.9000e-004	2.2500e-003	3.1400e-003	4.9000e-004	2.1200e-003	2.6100e-003	0.0000	4.0117	4.0117	8.8000e-004	0.0000	4.0336

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	2.1000e-004	7.1300e-003	1.5700e-003	2.0000e-005	4.1000e-004	2.0000e-005	4.3000e-004	1.1000e-004	2.0000e-005	1.3000e-004	0.0000	1.8499	1.8499	1.3000e-004	0.0000	1.8531
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.5000e-004	1.6100e-003	0.0000	4.3000e-004	0.0000	4.3000e-004	1.1000e-004	0.0000	1.2000e-004	0.0000	0.3983	0.3983	1.0000e-005	0.0000	0.3986
Total	3.9000e-004	7.2800e-003	3.1800e-003	2.0000e-005	8.4000e-004	2.0000e-005	8.6000e-004	2.2000e-004	2.0000e-005	2.5000e-004	0.0000	2.2482	2.2482	1.4000e-004	0.0000	2.2517

3.9 Building Construction - Site 2 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.6000e-003	0.0575	0.0480	7.0000e-005		3.4000e-003	3.4000e-003		3.1200e-003	3.1200e-003	0.0000	6.5039	6.5039	2.1000e-003	0.0000	6.5565
Total	5.6000e-003	0.0575	0.0480	7.0000e-005		3.4000e-003	3.4000e-003		3.1200e-003	3.1200e-003	0.0000	6.5039	6.5039	2.1000e-003	0.0000	6.5565

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1000e-004	6.3400e-003	1.7200e-003	2.0000e-005	3.7000e-004	3.0000e-005	4.0000e-004	1.1000e-004	3.0000e-005	1.3000e-004	0.0000	1.4533	1.4533	9.0000e-005	0.0000	1.4556
Worker	5.1000e-004	4.1000e-004	4.5500e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	1.1286	1.1286	4.0000e-005	0.0000	1.1295
Total	7.2000e-004	6.7500e-003	6.2700e-003	3.0000e-005	1.5800e-003	4.0000e-005	1.6200e-003	4.3000e-004	4.0000e-005	4.6000e-004	0.0000	2.5819	2.5819	1.3000e-004	0.0000	2.5851

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.6000e-003	0.0575	0.0480	7.0000e-005		3.4000e-003	3.4000e-003		3.1200e-003	3.1200e-003	0.0000	6.5039	6.5039	2.1000e-003	0.0000	6.5565

Total	5.6000e-003	0.0575	0.0480	7.0000e-005		3.4000e-003	3.4000e-003		3.1200e-003	3.1200e-003	0.0000	6.5039	6.5039	2.1000e-003	0.0000	6.5565
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1000e-004	6.3400e-003	1.7200e-003	2.0000e-005	3.7000e-004	3.0000e-005	4.0000e-004	1.1000e-004	3.0000e-005	1.3000e-004	0.0000	1.4533	1.4533	9.0000e-005	0.0000	1.4556
Worker	5.1000e-004	4.1000e-004	4.5500e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	1.1286	1.1286	4.0000e-005	0.0000	1.1295
Total	7.2000e-004	6.7500e-003	6.2700e-003	3.0000e-005	1.5800e-003	4.0000e-005	1.6200e-003	4.3000e-004	4.0000e-005	4.6000e-004	0.0000	2.5819	2.5819	1.3000e-004	0.0000	2.5851

3.9 Building Construction - Site 2 - 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	0.1011	1.0420	0.9479	1.4900e-003		0.0584	0.0584		0.0537	0.0537	0.0000	130.6071	130.6071	0.0422	0.0000	131.6631
Total	0.1011	1.0420	0.9479	1.4900e-003		0.0584	0.0584		0.0537	0.0537	0.0000	130.6071	130.6071	0.0422	0.0000	131.6631

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.6500e-003	0.1159	0.0314	3.0000e-004	7.4000e-003	2.4000e-004	7.6300e-003	2.1400e-003	2.3000e-004	2.3600e-003	0.0000	28.9510	28.9510	1.7800e-003	0.0000	28.9954
Worker	9.5500e-003	7.4300e-003	0.0839	2.4000e-004	0.0243	2.0000e-004	0.0245	6.4600e-003	1.8000e-004	6.6400e-003	0.0000	21.9391	21.9391	6.5000e-004	0.0000	21.9553
Total	0.0132	0.1233	0.1153	5.4000e-004	0.0317	4.4000e-004	0.0321	8.6000e-003	4.1000e-004	9.0000e-003	0.0000	50.8901	50.8901	2.4300e-003	0.0000	50.9507

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	0.1011	1.0420	0.9479	1.4900e-003		0.0584	0.0584		0.0537	0.0537	0.0000	130.6069	130.6069	0.0422	0.0000	131.6630
Total	0.1011	1.0420	0.9479	1.4900e-003		0.0584	0.0584		0.0537	0.0537	0.0000	130.6069	130.6069	0.0422	0.0000	131.6630

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Vendor	3.6500e-003	0.1159	0.0314	3.0000e-004	7.4000e-003	2.4000e-004	7.6300e-003	2.1400e-003	2.3000e-004	2.3600e-003	0.0000	28.9510	28.9510	1.7800e-003	0.0000	28.9954
Worker	9.5500e-003	7.4300e-003	0.0839	2.4000e-004	0.0243	2.0000e-004	0.0245	6.4600e-003	1.8000e-004	6.6400e-003	0.0000	21.9391	21.9391	6.5000e-004	0.0000	21.9553
Total	0.0132	0.1233	0.1153	5.4000e-004	0.0317	4.4000e-004	0.0321	8.6000e-003	4.1000e-004	9.0000e-003	0.0000	50.8901	50.8901	2.4300e-003	0.0000	50.9507

3.9 Building Construction - Site 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0117	0.1194	0.1216	1.9000e-004		6.3200e-003	6.3200e-003		5.8200e-003	5.8200e-003	0.0000	17.0251	17.0251	5.5100e-003	0.0000	17.1628
Total	0.0117	0.1194	0.1216	1.9000e-004		6.3200e-003	6.3200e-003		5.8200e-003	5.8200e-003	0.0000	17.0251	17.0251	5.5100e-003	0.0000	17.1628

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	4.5000e-004	0.0144	3.8700e-003	4.0000e-005	9.6000e-004	3.0000e-005	9.9000e-004	2.8000e-004	3.0000e-005	3.0000e-004	0.0000	3.7383	3.7383	2.2000e-004	0.0000	3.7439
Worker	1.1700e-003	8.7000e-004	0.0101	3.0000e-005	3.1700e-003	3.0000e-005	3.1900e-003	8.4000e-004	2.0000e-005	8.6000e-004	0.0000	2.7575	2.7575	8.0000e-005	0.0000	2.7594
Total	1.6200e-003	0.0152	0.0139	7.0000e-005	4.1300e-003	6.0000e-005	4.1800e-003	1.1200e-003	5.0000e-005	1.1600e-003	0.0000	6.4958	6.4958	3.0000e-004	0.0000	6.5033

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	0.0117	0.1194	0.1216	1.9000e-004		6.3200e-003	6.3200e-003		5.8200e-003	5.8200e-003	0.0000	17.0251	17.0251	5.5100e-003	0.0000	17.1627
Total	0.0117	0.1194	0.1216	1.9000e-004		6.3200e-003	6.3200e-003		5.8200e-003	5.8200e-003	0.0000	17.0251	17.0251	5.5100e-003	0.0000	17.1627

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	4.5000e-004	0.0144	3.8700e-003	4.0000e-005	9.6000e-004	3.0000e-005	9.9000e-004	2.8000e-004	3.0000e-005	3.0000e-004	0.0000	3.7383	3.7383	2.2000e-004	0.0000	3.7439
Worker	1.1700e-003	8.7000e-004	0.0101	3.0000e-005	3.1700e-003	3.0000e-005	3.1900e-003	8.4000e-004	2.0000e-005	8.6000e-004	0.0000	2.7575	2.7575	8.0000e-005	0.0000	2.7594
Total	1.6200e-003	0.0152	0.0139	7.0000e-005	4.1300e-003	6.0000e-005	4.1800e-003	1.1200e-003	5.0000e-005	1.1600e-003	0.0000	6.4958	6.4958	3.0000e-004	0.0000	6.5033

3.10 Paving - Site 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.8500e-003	0.0444	0.0528	8.0000e-005		2.2200e-003	2.2200e-003		2.0700e-003	2.0700e-003	0.0000	7.0476	7.0476	2.0500e-003	0.0000	7.0990

Paving	7.0000e-005					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.9200e-003	0.0444	0.0528	8.0000e-005		2.2200e-003	2.2200e-003		2.0700e-003	2.0700e-003	0.0000	7.0476	7.0476	2.0500e-003	0.0000	7.0990

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	4.1000e-004	4.7000e-003	1.0000e-005	1.4800e-003	1.0000e-005	1.4900e-003	3.9000e-004	1.0000e-005	4.0000e-004	0.0000	1.2881	1.2881	4.0000e-005	0.0000	1.2890
Total	5.4000e-004	4.1000e-004	4.7000e-003	1.0000e-005	1.4800e-003	1.0000e-005	1.4900e-003	3.9000e-004	1.0000e-005	4.0000e-004	0.0000	1.2881	1.2881	4.0000e-005	0.0000	1.2890

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.8500e-003	0.0444	0.0528	8.0000e-005		2.2200e-003	2.2200e-003		2.0700e-003	2.0700e-003	0.0000	7.0476	7.0476	2.0500e-003	0.0000	7.0990
Paving	7.0000e-005					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.9200e-003	0.0444	0.0528	8.0000e-005		2.2200e-003	2.2200e-003		2.0700e-003	2.0700e-003	0.0000	7.0476	7.0476	2.0500e-003	0.0000	7.0990

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4000e-004	4.1000e-004	4.7000e-003	1.0000e-005	1.4800e-003	1.0000e-005	1.4900e-003	3.9000e-004	1.0000e-005	4.0000e-004	0.0000	1.2881	1.2881	4.0000e-005	0.0000	1.2890
Total	5.4000e-004	4.1000e-004	4.7000e-003	1.0000e-005	1.4800e-003	1.0000e-005	1.4900e-003	3.9000e-004	1.0000e-005	4.0000e-004	0.0000	1.2881	1.2881	4.0000e-005	0.0000	1.2890

3.11 Architectural Coating - Site 2 - 2022
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1452					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5300e-003	0.0106	0.0136	2.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	1.9149	1.9149	1.2000e-004	0.0000	1.9181
Total	0.1467	0.0106	0.0136	2.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	1.9149	1.9149	1.2000e-004	0.0000	1.9181

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	9.0000e-005	7.0000e-005	7.8000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2147	0.2147	1.0000e-005	0.0000	0.2148
Total	9.0000e-005	7.0000e-005	7.8000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2147	0.2147	1.0000e-005	0.0000	0.2148

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	0.1452					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5300e-003	0.0106	0.0136	2.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	1.9149	1.9149	1.2000e-004	0.0000	1.9181
Total	0.1467	0.0106	0.0136	2.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	1.9149	1.9149	1.2000e-004	0.0000	1.9181

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	9.0000e-005	7.0000e-005	7.8000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2147	0.2147	1.0000e-005	0.0000	0.2148
Total	9.0000e-005	7.0000e-005	7.8000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2147	0.2147	1.0000e-005	0.0000	0.2148

3.12 Demolition - Site 3 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0208	0.0000	0.0208	3.1500e-003	0.0000	3.1500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0465	0.4201	0.4892	7.9000e-004		0.0221	0.0221		0.0211	0.0211	0.0000	68.2091	68.2091	0.0126	0.0000	68.5238
Total	0.0465	0.4201	0.4892	7.9000e-004	0.0208	0.0221	0.0429	3.1500e-003	0.0211	0.0243	0.0000	68.2091	68.2091	0.0126	0.0000	68.5238

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.7000e-004	0.0247	6.1400e-003	7.0000e-005	2.8800e-003	7.0000e-005	2.9500e-003	7.6000e-004	7.0000e-005	8.2000e-004	0.0000	7.2398	7.2398	5.0000e-004	0.0000	7.2523
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	2.6400e-003	1.9800e-003	0.0228	7.0000e-005	7.1800e-003	6.0000e-005	7.2300e-003	1.9100e-003	5.0000e-005	1.9600e-003	0.0000	6.2497	6.2497	1.7000e-004	0.0000	6.2540
Total	3.4100e-003	0.0267	0.0290	1.4000e-004	0.0101	1.3000e-004	0.0102	2.6700e-003	1.2000e-004	2.7800e-003	0.0000	13.4895	13.4895	6.7000e-004	0.0000	13.5064

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					8.1200e-003	0.0000	8.1200e-003	1.2300e-003	0.0000	1.2300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	0.0465	0.4201	0.4892	7.9000e-004		0.0221	0.0221		0.0211	0.0211	0.0000	68.2090	68.2090	0.0126	0.0000	68.5238
Total	0.0465	0.4201	0.4892	7.9000e-004	8.1200e-003	0.0221	0.0302	1.2300e-003	0.0211	0.0224	0.0000	68.2090	68.2090	0.0126	0.0000	68.5238

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.7000e-004	0.0247	6.1400e-003	7.0000e-005	2.8800e-003	7.0000e-005	2.9500e-003	7.6000e-004	7.0000e-005	8.2000e-004	0.0000	7.2398	7.2398	5.0000e-004	0.0000	7.2523
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	2.6400e-003	1.9800e-003	0.0228	7.0000e-005	7.1800e-003	6.0000e-005	7.2300e-003	1.9100e-003	5.0000e-005	1.9600e-003	0.0000	6.2497	6.2497	1.7000e-004	0.0000	6.2540
Total	3.4100e-003	0.0267	0.0290	1.4000e-004	0.0101	1.3000e-004	0.0102	2.6700e-003	1.2000e-004	2.7800e-003	0.0000	13.4895	13.4895	6.7000e-004	0.0000	13.5064

3.12 Demolition - Site 3 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0207	0.0000	0.0207	3.1300e-003	0.0000	3.1300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0420	0.3756	0.4805	7.8000e-004		0.0183	0.0183		0.0175	0.0175	0.0000	67.7180	67.7180	0.0123	0.0000	68.0261
Total	0.0420	0.3756	0.4805	7.8000e-004	0.0207	0.0183	0.0390	3.1300e-003	0.0175	0.0207	0.0000	67.7180	67.7180	0.0123	0.0000	68.0261

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	5.0000e-004	0.0161	5.5200e-003	7.0000e-005	2.8800e-003	3.0000e-005	2.9100e-003	7.6000e-004	3.0000e-005	7.8000e-004	0.0000	6.8853	6.8853	4.6000e-004	0.0000	6.8969
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	2.4700e-003	1.7800e-003	0.0208	7.0000e-005	7.1200e-003	6.0000e-005	7.1800e-003	1.8900e-003	5.0000e-005	1.9400e-003	0.0000	5.9751	5.9751	1.5000e-004	0.0000	5.9789
Total	2.9700e-003	0.0179	0.0264	1.4000e-004	0.0100	9.0000e-005	0.0101	2.6500e-003	8.0000e-005	2.7200e-003	0.0000	12.8604	12.8604	6.1000e-004	0.0000	12.8758

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					8.0600e-003	0.0000	8.0600e-003	1.2200e-003	0.0000	1.2200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0420	0.3756	0.4805	7.8000e-004		0.0183	0.0183		0.0175	0.0175	0.0000	67.7180	67.7180	0.0123	0.0000	68.0260
Total	0.0420	0.3756	0.4805	7.8000e-004	8.0600e-003	0.0183	0.0264	1.2200e-003	0.0175	0.0188	0.0000	67.7180	67.7180	0.0123	0.0000	68.0260

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	5.0000e-004	0.0161	5.5200e-003	7.0000e-005	2.8800e-003	3.0000e-005	2.9100e-003	7.6000e-004	3.0000e-005	7.8000e-004	0.0000	6.8853	6.8853	4.6000e-004	0.0000	6.8969

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	2.4700e-003	1.7800e-003	0.0208	7.0000e-005	7.1200e-003	6.0000e-005	7.1800e-003	1.8900e-003	5.0000e-005	1.9400e-003	0.0000	5.9751	5.9751	1.5000e-004	0.0000	5.9789
Total	2.9700e-003	0.0179	0.0264	1.4000e-004	0.0100	9.0000e-005	0.0101	2.6500e-003	8.0000e-005	2.7200e-003	0.0000	12.8604	12.8604	6.1000e-004	0.0000	12.8758

3.13 Paving - Site 1 - 2022
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.9100e-003	0.0779	0.1013	1.6000e-004		4.0000e-003	4.0000e-003		3.6900e-003	3.6900e-003	0.0000	13.5351	13.5351	4.2900e-003	0.0000	13.6423
Paving	7.0000e-005					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.9800e-003	0.0779	0.1013	1.6000e-004		4.0000e-003	4.0000e-003		3.6900e-003	3.6900e-003	0.0000	13.5351	13.5351	4.2900e-003	0.0000	13.6423

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	6.0000e-004	4.5000e-004	5.2100e-003	2.0000e-005	1.6400e-003	1.0000e-005	1.6500e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.4265	1.4265	4.0000e-005	0.0000	1.4274
Total	6.0000e-004	4.5000e-004	5.2100e-003	2.0000e-005	1.6400e-003	1.0000e-005	1.6500e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.4265	1.4265	4.0000e-005	0.0000	1.4274

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	7.9100e-003	0.0779	0.1013	1.6000e-004		4.0000e-003	4.0000e-003		3.6900e-003	3.6900e-003	0.0000	13.5351	13.5351	4.2900e-003	0.0000	13.6423
Paving	7.0000e-005					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.9800e-003	0.0779	0.1013	1.6000e-004		4.0000e-003	4.0000e-003		3.6900e-003	3.6900e-003	0.0000	13.5351	13.5351	4.2900e-003	0.0000	13.6423

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	6.0000e-004	4.5000e-004	5.2100e-003	2.0000e-005	1.6400e-003	1.0000e-005	1.6500e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.4265	1.4265	4.0000e-005	0.0000	1.4274
Total	6.0000e-004	4.5000e-004	5.2100e-003	2.0000e-005	1.6400e-003	1.0000e-005	1.6500e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.4265	1.4265	4.0000e-005	0.0000	1.4274

3.14 Demolition - Site 4 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0272	0.0000	0.0272	4.1200e-003	0.0000	4.1200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	0.0929	0.9142	0.7678	1.3300e-003		0.0461	0.0461		0.0431	0.0431	0.0000	115.9273	115.9273	0.0295	0.0000	116.6658
Total	0.0929	0.9142	0.7678	1.3300e-003	0.0272	0.0461	0.0733	4.1200e-003	0.0431	0.0472	0.0000	115.9273	115.9273	0.0295	0.0000	116.6658

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0100e-003	0.0323	8.0200e-003	1.0000e-004	4.0800e-003	9.0000e-005	4.1700e-003	1.0600e-003	9.0000e-005	1.1500e-003	0.0000	9.4593	9.4593	6.5000e-004	0.0000	9.4757
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	2.8800e-003	2.1600e-003	0.0249	8.0000e-005	7.8300e-003	6.0000e-005	7.9000e-003	2.0800e-003	6.0000e-005	2.1400e-003	0.0000	6.8222	6.8222	1.9000e-004	0.0000	6.8269
Total	3.8900e-003	0.0344	0.0329	1.8000e-004	0.0119	1.5000e-004	0.0121	3.1400e-003	1.5000e-004	3.2900e-003	0.0000	16.2815	16.2815	8.4000e-004	0.0000	16.3026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0106	0.0000	0.0106	1.6100e-003	0.0000	1.6100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0929	0.9142	0.7678	1.3300e-003		0.0461	0.0461		0.0431	0.0431	0.0000	115.9271	115.9271	0.0295	0.0000	116.6657
Total	0.0929	0.9142	0.7678	1.3300e-003	0.0106	0.0461	0.0567	1.6100e-003	0.0431	0.0447	0.0000	115.9271	115.9271	0.0295	0.0000	116.6657

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.0100e-003	0.0323	8.0200e-003	1.0000e-004	4.0800e-003	9.0000e-005	4.1700e-003	1.0600e-003	9.0000e-005	1.1500e-003	0.0000	9.4593	9.4593	6.5000e-004	0.0000	9.4757
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	2.8800e-003	2.1600e-003	0.0249	8.0000e-005	7.8300e-003	6.0000e-005	7.9000e-003	2.0800e-003	6.0000e-005	2.1400e-003	0.0000	6.8222	6.8222	1.9000e-004	0.0000	6.8269
Total	3.8900e-003	0.0344	0.0329	1.8000e-004	0.0119	1.5000e-004	0.0121	3.1400e-003	1.5000e-004	3.2900e-003	0.0000	16.2815	16.2815	8.4000e-004	0.0000	16.3026

3.14 Demolition - Site 4 - 2023
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0321	0.0000	0.0321	4.8700e-003	0.0000	4.8700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0957	0.9307	0.8748	1.5700e-003		0.0440	0.0440		0.0411	0.0411	0.0000	137.0627	137.0627	0.0348	0.0000	137.9314
Total	0.0957	0.9307	0.8748	1.5700e-003	0.0321	0.0440	0.0761	4.8700e-003	0.0411	0.0460	0.0000	137.0627	137.0627	0.0348	0.0000	137.9314

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.8000e-004	0.0250	8.5900e-003	1.1000e-004	4.1700e-003	4.0000e-005	4.2200e-003	1.1000e-003	4.0000e-005	1.1400e-003	0.0000	10.7136	10.7136	7.2000e-004	0.0000	10.7316

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	3.2100e-003	2.3100e-003	0.0271	9.0000e-005	9.2600e-003	7.0000e-005	9.3300e-003	2.4600e-003	7.0000e-005	2.5300e-003	0.0000	7.7676	7.7676	2.0000e-004	0.0000	7.7726
Total	3.9900e-003	0.0273	0.0357	2.0000e-004	0.0134	1.1000e-004	0.0136	3.5600e-003	1.1000e-004	3.6700e-003	0.0000	18.4812	18.4812	9.2000e-004	0.0000	18.5041

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0125	0.0000	0.0125	1.9000e-003	0.0000	1.9000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0957	0.9307	0.8748	1.5700e-003		0.0440	0.0440		0.0411	0.0411	0.0000	137.0625	137.0625	0.0348	0.0000	137.9312
Total	0.0957	0.9307	0.8748	1.5700e-003	0.0125	0.0440	0.0565	1.9000e-003	0.0411	0.0430	0.0000	137.0625	137.0625	0.0348	0.0000	137.9312

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.8000e-004	0.0250	8.5900e-003	1.1000e-004	4.1700e-003	4.0000e-005	4.2200e-003	1.1000e-003	4.0000e-005	1.1400e-003	0.0000	10.7136	10.7136	7.2000e-004	0.0000	10.7316
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	3.2100e-003	2.3100e-003	0.0271	9.0000e-005	9.2600e-003	7.0000e-005	9.3300e-003	2.4600e-003	7.0000e-005	2.5300e-003	0.0000	7.7676	7.7676	2.0000e-004	0.0000	7.7726
Total	3.9900e-003	0.0273	0.0357	2.0000e-004	0.0134	1.1000e-004	0.0136	3.5600e-003	1.1000e-004	3.6700e-003	0.0000	18.4812	18.4812	9.2000e-004	0.0000	18.5041

3.15 Architectural Coating - Site 1 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4187					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.3500e-003	0.0162	0.0209	3.0000e-005		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004	0.0000	2.9362	2.9362	1.9000e-004	0.0000	2.9410
Total	0.4211	0.0162	0.0209	3.0000e-005		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004	0.0000	2.9362	2.9362	1.9000e-004	0.0000	2.9410

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	1.5800e-003	1.1800e-003	0.0136	4.0000e-005	4.2800e-003	3.0000e-005	4.3200e-003	1.1400e-003	3.0000e-005	1.1700e-003	0.0000	3.7308	3.7308	1.0000e-004	0.0000	3.7333
Total	1.5800e-003	1.1800e-003	0.0136	4.0000e-005	4.2800e-003	3.0000e-005	4.3200e-003	1.1400e-003	3.0000e-005	1.1700e-003	0.0000	3.7308	3.7308	1.0000e-004	0.0000	3.7333

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	0.4187					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	2.3500e-003	0.0162	0.0209	3.0000e-005		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004	0.0000	2.9362	2.9362	1.9000e-004	0.0000	2.9410
Total	0.4211	0.0162	0.0209	3.0000e-005		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004	0.0000	2.9362	2.9362	1.9000e-004	0.0000	2.9410

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	1.5800e-003	1.1800e-003	0.0136	4.0000e-005	4.2800e-003	3.0000e-005	4.3200e-003	1.1400e-003	3.0000e-005	1.1700e-003	0.0000	3.7308	3.7308	1.0000e-004	0.0000	3.7333
Total	1.5800e-003	1.1800e-003	0.0136	4.0000e-005	4.2800e-003	3.0000e-005	4.3200e-003	1.1400e-003	3.0000e-005	1.1700e-003	0.0000	3.7308	3.7308	1.0000e-004	0.0000	3.7333

3.16 Demolition - Site 5 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0659	0.0000	0.0659	9.9800e-003	0.0000	9.9800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0468	0.4163	0.5620	9.1000e-004		0.0190	0.0190		0.0182	0.0182	0.0000	79.1975	79.1975	0.0143	0.0000	79.5559
Total	0.0468	0.4163	0.5620	9.1000e-004	0.0659	0.0190	0.0850	9.9800e-003	0.0182	0.0282	0.0000	79.1975	79.1975	0.0143	0.0000	79.5559

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.6100e-003	0.0510	0.0178	2.2000e-004	5.2300e-003	9.0000e-005	5.3200e-003	1.4400e-003	9.0000e-005	1.5200e-003	0.0000	21.8818	21.8818	1.4700e-003	0.0000	21.9186
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	2.7300e-003	1.9000e-003	0.0227	7.0000e-005	8.3300e-003	6.0000e-005	8.3900e-003	2.2100e-003	6.0000e-005	2.2700e-003	0.0000	6.7696	6.7696	1.6000e-004	0.0000	6.7737
Total	4.3400e-003	0.0529	0.0405	2.9000e-004	0.0136	1.5000e-004	0.0137	3.6500e-003	1.5000e-004	3.7900e-003	0.0000	28.6514	28.6514	1.6300e-003	0.0000	28.6923

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0257	0.0000	0.0257	3.8900e-003	0.0000	3.8900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0468	0.4163	0.5620	9.1000e-004		0.0190	0.0190		0.0182	0.0182	0.0000	79.1974	79.1974	0.0143	0.0000	79.5559
Total	0.0468	0.4163	0.5620	9.1000e-004	0.0257	0.0190	0.0447	3.8900e-003	0.0182	0.0221	0.0000	79.1974	79.1974	0.0143	0.0000	79.5559

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.6100e-003	0.0510	0.0178	2.2000e-004	5.2300e-003	9.0000e-005	5.3200e-003	1.4400e-003	9.0000e-005	1.5200e-003	0.0000	21.8818	21.8818	1.4700e-003	0.0000	21.9186

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	2.7300e-003	1.9000e-003	0.0227	7.0000e-005	8.3300e-003	6.0000e-005	8.3900e-003	2.2100e-003	6.0000e-005	2.2700e-003	0.0000	6.7696	6.7696	1.6000e-004	0.0000	6.7737
Total	4.3400e-003	0.0529	0.0405	2.9000e-004	0.0136	1.5000e-004	0.0137	3.6500e-003	1.5000e-004	3.7900e-003	0.0000	28.6514	28.6514	1.6300e-003	0.0000	28.6923

3.17 Site Preparation - Site 5 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.6000e-004	0.0000	4.6000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.5000e-004	8.4100e-003	5.8400e-003	1.0000e-005		3.0000e-004	3.0000e-004		2.8000e-004	2.8000e-004	0.0000	1.2822	1.2822	4.1000e-004	0.0000	1.2926
Total	7.5000e-004	8.4100e-003	5.8400e-003	1.0000e-005	4.6000e-004	3.0000e-004	7.6000e-004	6.0000e-005	2.8000e-004	3.4000e-004	0.0000	1.2822	1.2822	4.1000e-004	0.0000	1.2926

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1600e-003	0.0368	0.0128	1.6000e-004	3.7700e-003	7.0000e-005	3.8400e-003	1.0400e-003	6.0000e-005	1.1000e-003	0.0000	15.7736	15.7736	1.0600e-003	0.0000	15.8001
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	2.0000e-005	2.2000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0668	0.0668	0.0000	0.0000	0.0669
Total	1.1900e-003	0.0368	0.0131	1.6000e-004	3.8500e-003	7.0000e-005	3.9200e-003	1.0600e-003	6.0000e-005	1.1200e-003	0.0000	15.8404	15.8404	1.0600e-003	0.0000	15.8670

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					1.8000e-004	0.0000	1.8000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.5000e-004	8.4100e-003	5.8400e-003	1.0000e-005		3.0000e-004	3.0000e-004		2.8000e-004	2.8000e-004	0.0000	1.2822	1.2822	4.1000e-004	0.0000	1.2926
Total	7.5000e-004	8.4100e-003	5.8400e-003	1.0000e-005	1.8000e-004	3.0000e-004	4.8000e-004	2.0000e-005	2.8000e-004	3.0000e-004	0.0000	1.2822	1.2822	4.1000e-004	0.0000	1.2926

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1600e-003	0.0368	0.0128	1.6000e-004	3.7700e-003	7.0000e-005	3.8400e-003	1.0400e-003	6.0000e-005	1.1000e-003	0.0000	15.7736	15.7736	1.0600e-003	0.0000	15.8001
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	2.0000e-005	2.2000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0668	0.0668	0.0000	0.0000	0.0669
Total	1.1900e-003	0.0368	0.0131	1.6000e-004	3.8500e-003	7.0000e-005	3.9200e-003	1.0600e-003	6.0000e-005	1.1200e-003	0.0000	15.8404	15.8404	1.0600e-003	0.0000	15.8670

3.18 Grading - Site 5 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.0300e-003	0.0000	3.0300e-003	1.5100e-003	0.0000	1.5100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	3.3400e-003	0.0302	0.0350	5.0000e-005		1.6400e-003	1.6400e-003		1.5400e-003	1.5400e-003	0.0000	4.6860	4.6860	1.0000e-003	0.0000	4.7109
Total	3.3400e-003	0.0302	0.0350	5.0000e-005	3.0300e-003	1.6400e-003	4.6700e-003	1.5100e-003	1.5400e-003	3.0500e-003	0.0000	4.6860	4.6860	1.0000e-003	0.0000	4.7109

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	2.3100e-003	0.0735	0.0257	3.2000e-004	7.5500e-003	1.3000e-004	7.6800e-003	2.0700e-003	1.3000e-004	2.2000e-003	0.0000	31.5471	31.5471	2.1200e-003	0.0000	31.6002
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	1.6000e-004	1.1000e-004	1.3600e-003	0.0000	5.0000e-004	0.0000	5.0000e-004	1.3000e-004	0.0000	1.4000e-004	0.0000	0.4053	0.4053	1.0000e-005	0.0000	0.4055
Total	2.4700e-003	0.0736	0.0271	3.2000e-004	8.0500e-003	1.3000e-004	8.1800e-003	2.2000e-003	1.3000e-004	2.3400e-003	0.0000	31.9524	31.9524	2.1300e-003	0.0000	32.0057

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					1.1800e-003	0.0000	1.1800e-003	5.9000e-004	0.0000	5.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.3400e-003	0.0302	0.0350	5.0000e-005		1.6400e-003	1.6400e-003		1.5400e-003	1.5400e-003	0.0000	4.6860	4.6860	1.0000e-003	0.0000	4.7109
Total	3.3400e-003	0.0302	0.0350	5.0000e-005	1.1800e-003	1.6400e-003	2.8200e-003	5.9000e-004	1.5400e-003	2.1300e-003	0.0000	4.6860	4.6860	1.0000e-003	0.0000	4.7109

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	2.3100e-003	0.0735	0.0257	3.2000e-004	7.5500e-003	1.3000e-004	7.6800e-003	2.0700e-003	1.3000e-004	2.2000e-003	0.0000	31.5471	31.5471	2.1200e-003	0.0000	31.6002
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	1.6000e-004	1.1000e-004	1.3600e-003	0.0000	5.0000e-004	0.0000	5.0000e-004	1.3000e-004	0.0000	1.4000e-004	0.0000	0.4053	0.4053	1.0000e-005	0.0000	0.4055
Total	2.4700e-003	0.0736	0.0271	3.2000e-004	8.0500e-003	1.3000e-004	8.1800e-003	2.2000e-003	1.3000e-004	2.3400e-003	0.0000	31.9524	31.9524	2.1300e-003	0.0000	32.0057

3.19 Building Construction - Site 5 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0448	0.4541	0.4783	8.9000e-004		0.0204	0.0204		0.0188	0.0188	0.0000	78.0814	78.0814	0.0253	0.0000	78.7127
Total	0.0448	0.4541	0.4783	8.9000e-004		0.0204	0.0204		0.0188	0.0188	0.0000	78.0814	78.0814	0.0253	0.0000	78.7127

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Vendor	3.9700e-003	0.1328	0.0414	4.6000e-004	0.0119	1.5000e-004	0.0120	3.4200e-003	1.5000e-004	3.5700e-003	0.0000	44.3426	44.3426	2.3900e-003	0.0000	44.4024
Worker	0.0174	0.0121	0.1447	4.8000e-004	0.0532	4.1000e-004	0.0536	0.0141	3.7000e-004	0.0145	0.0000	43.2097	43.2097	1.0500e-003	0.0000	43.2360
Total	0.0214	0.1449	0.1862	9.4000e-004	0.0650	5.6000e-004	0.0656	0.0175	5.2000e-004	0.0181	0.0000	87.5523	87.5523	3.4400e-003	0.0000	87.6383

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	0.0448	0.4541	0.4783	8.9000e-004		0.0204	0.0204		0.0188	0.0188	0.0000	78.0813	78.0813	0.0253	0.0000	78.7126
Total	0.0448	0.4541	0.4783	8.9000e-004		0.0204	0.0204		0.0188	0.0188	0.0000	78.0813	78.0813	0.0253	0.0000	78.7126

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.9700e-003	0.1328	0.0414	4.6000e-004	0.0119	1.5000e-004	0.0120	3.4200e-003	1.5000e-004	3.5700e-003	0.0000	44.3426	44.3426	2.3900e-003	0.0000	44.4024
Worker	0.0174	0.0121	0.1447	4.8000e-004	0.0532	4.1000e-004	0.0536	0.0141	3.7000e-004	0.0145	0.0000	43.2097	43.2097	1.0500e-003	0.0000	43.2360
Total	0.0214	0.1449	0.1862	9.4000e-004	0.0650	5.6000e-004	0.0656	0.0175	5.2000e-004	0.0181	0.0000	87.5523	87.5523	3.4400e-003	0.0000	87.6383

3.19 Building Construction - Site 5 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0962	0.9547	1.0819	2.0500e-003		0.0410	0.0410		0.0377	0.0377	0.0000	179.8707	179.8707	0.0582	0.0000	181.3250
Total	0.0962	0.9547	1.0819	2.0500e-003		0.0410	0.0410		0.0377	0.0377	0.0000	179.8707	179.8707	0.0582	0.0000	181.3250

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	8.9100e-003	0.3031	0.0929	1.0400e-003	0.0273	3.5000e-004	0.0276	7.8800e-003	3.3000e-004	8.2100e-003	0.0000	101.5659	101.5659	5.4200e-003	0.0000	101.7015
Worker	0.0382	0.0255	0.3094	1.0600e-003	0.1224	9.2000e-004	0.1233	0.0325	8.4000e-004	0.0334	0.0000	95.6599	95.6599	2.2100e-003	0.0000	95.7152
Total	0.0471	0.3286	0.4023	2.1000e-003	0.1497	1.2700e-003	0.1510	0.0404	1.1700e-003	0.0416	0.0000	197.2259	197.2259	7.6300e-003	0.0000	197.4167

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	0.0962	0.9547	1.0819	2.0500e-003		0.0410	0.0410		0.0377	0.0377	0.0000	179.8705	179.8705	0.0582	0.0000	181.3248

Total	0.0962	0.9547	1.0819	2.0500e-003		0.0410	0.0410		0.0377	0.0377	0.0000	179.8705	179.8705	0.0582	0.0000	181.3248
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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	8.9100e-003	0.3031	0.0929	1.0400e-003	0.0273	3.5000e-004	0.0276	7.8800e-003	3.3000e-004	8.2100e-003	0.0000	101.5659	101.5659	5.4200e-003	0.0000	101.7015
Worker	0.0382	0.0255	0.3094	1.0600e-003	0.1224	9.2000e-004	0.1233	0.0325	8.4000e-004	0.0334	0.0000	95.6599	95.6599	2.2100e-003	0.0000	95.7152
Total	0.0471	0.3286	0.4023	2.1000e-003	0.1497	1.2700e-003	0.1510	0.0404	1.1700e-003	0.0416	0.0000	197.2259	197.2259	7.6300e-003	0.0000	197.4167

3.20 Site Preparation - Site 4 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.6800e-003	0.0000	2.6800e-003	3.0000e-004	0.0000	3.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.4900e-003	0.0550	0.0446	1.2000e-004		2.0500e-003	2.0500e-003		1.8800e-003	1.8800e-003	0.0000	10.7623	10.7623	3.4800e-003	0.0000	10.8493
Total	5.4900e-003	0.0550	0.0446	1.2000e-004	2.6800e-003	2.0500e-003	4.7300e-003	3.0000e-004	1.8800e-003	2.1800e-003	0.0000	10.7623	10.7623	3.4800e-003	0.0000	10.8493

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.7100e-003	0.0537	0.0192	2.3000e-004	5.6000e-003	1.0000e-004	5.6900e-003	1.5400e-003	9.0000e-005	1.6300e-003	0.0000	23.2611	23.2611	1.5700e-003	0.0000	23.3004
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	1.4000e-004	9.0000e-005	1.1100e-003	0.0000	4.4000e-004	0.0000	4.4000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.3425	0.3425	1.0000e-005	0.0000	0.3427
Total	1.8500e-003	0.0538	0.0203	2.3000e-004	6.0400e-003	1.0000e-004	6.1300e-003	1.6600e-003	9.0000e-005	1.7500e-003	0.0000	23.6036	23.6036	1.5800e-003	0.0000	23.6431

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					1.0500e-003	0.0000	1.0500e-003	1.2000e-004	0.0000	1.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.4900e-003	0.0550	0.0446	1.2000e-004		2.0500e-003	2.0500e-003		1.8800e-003	1.8800e-003	0.0000	10.7623	10.7623	3.4800e-003	0.0000	10.8493
Total	5.4900e-003	0.0550	0.0446	1.2000e-004	1.0500e-003	2.0500e-003	3.1000e-003	1.2000e-004	1.8800e-003	2.0000e-003	0.0000	10.7623	10.7623	3.4800e-003	0.0000	10.8493

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.7100e-003	0.0537	0.0192	2.3000e-004	5.6000e-003	1.0000e-004	5.6900e-003	1.5400e-003	9.0000e-005	1.6300e-003	0.0000	23.2611	23.2611	1.5700e-003	0.0000	23.3004

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	1.4000e-004	9.0000e-005	1.1100e-003	0.0000	4.4000e-004	0.0000	4.4000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.3425	0.3425	1.0000e-005	0.0000	0.3427
Total	1.8500e-003	0.0538	0.0203	2.3000e-004	6.0400e-003	1.0000e-004	6.1300e-003	1.6600e-003	9.0000e-005	1.7500e-003	0.0000	23.6036	23.6036	1.5800e-003	0.0000	23.6431

3.21 Grading - Site 4 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0594	0.0000	0.0594	0.0317	0.0000	0.0317	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0143	0.1460	0.1051	2.3000e-004		6.5700e-003	6.5700e-003		6.0500e-003	6.0500e-003	0.0000	20.0214	20.0214	6.4800e-003	0.0000	20.1833
Total	0.0143	0.1460	0.1051	2.3000e-004	0.0594	6.5700e-003	0.0660	0.0317	6.0500e-003	0.0378	0.0000	20.0214	20.0214	6.4800e-003	0.0000	20.1833

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	3.4200e-003	0.1075	0.0384	4.7000e-004	0.0112	1.9000e-004	0.0114	3.0800e-003	1.8000e-004	3.2600e-003	0.0000	46.5579	46.5579	3.1500e-003	0.0000	46.6366
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2000e-004	2.8000e-004	3.4200e-003	1.0000e-005	1.3500e-003	1.0000e-005	1.3600e-003	3.6000e-004	1.0000e-005	3.7000e-004	0.0000	1.0575	1.0575	2.0000e-005	0.0000	1.0581
Total	3.8400e-003	0.1078	0.0418	4.8000e-004	0.0126	2.0000e-004	0.0128	3.4400e-003	1.9000e-004	3.6300e-003	0.0000	47.6154	47.6154	3.1700e-003	0.0000	47.6946

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0232	0.0000	0.0232	0.0124	0.0000	0.0124	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0143	0.1460	0.1051	2.3000e-004		6.5700e-003	6.5700e-003		6.0500e-003	6.0500e-003	0.0000	20.0214	20.0214	6.4800e-003	0.0000	20.1833
Total	0.0143	0.1460	0.1051	2.3000e-004	0.0232	6.5700e-003	0.0297	0.0124	6.0500e-003	0.0184	0.0000	20.0214	20.0214	6.4800e-003	0.0000	20.1833

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	3.4200e-003	0.1075	0.0384	4.7000e-004	0.0112	1.9000e-004	0.0114	3.0800e-003	1.8000e-004	3.2600e-003	0.0000	46.5579	46.5579	3.1500e-003	0.0000	46.6366
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2000e-004	2.8000e-004	3.4200e-003	1.0000e-005	1.3500e-003	1.0000e-005	1.3600e-003	3.6000e-004	1.0000e-005	3.7000e-004	0.0000	1.0575	1.0575	2.0000e-005	0.0000	1.0581
Total	3.8400e-003	0.1078	0.0418	4.8000e-004	0.0126	2.0000e-004	0.0128	3.4400e-003	1.9000e-004	3.6300e-003	0.0000	47.6154	47.6154	3.1700e-003	0.0000	47.6946

3.22 Building Construction - Site 4 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2068	1.7302	1.9104	3.6600e-003		0.0682	0.0682		0.0648	0.0648	0.0000	307.6562	307.6562	0.0658	0.0000	309.3002

Total	0.2068	1.7302	1.9104	3.6600e-003		0.0682	0.0682		0.0648	0.0648	0.0000	307.6562	307.6562	0.0658	0.0000	309.3002
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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	6.9200e-003	0.2354	0.0722	8.1000e-004	0.0212	2.7000e-004	0.0215	6.1200e-003	2.6000e-004	6.3700e-003	0.0000	78.8707	78.8707	4.2100e-003	0.0000	78.9760
Worker	0.0226	0.0151	0.1831	6.3000e-004	0.0725	5.4000e-004	0.0730	0.0192	5.0000e-004	0.0197	0.0000	56.6151	56.6151	1.3100e-003	0.0000	56.6478
Total	0.0295	0.2505	0.2553	1.4400e-003	0.0936	8.1000e-004	0.0945	0.0254	7.6000e-004	0.0261	0.0000	135.4857	135.4857	5.5200e-003	0.0000	135.6237

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	0.2068	1.7302	1.9104	3.6600e-003		0.0682	0.0682		0.0648	0.0648	0.0000	307.6559	307.6559	0.0658	0.0000	309.2999
Total	0.2068	1.7302	1.9104	3.6600e-003		0.0682	0.0682		0.0648	0.0648	0.0000	307.6559	307.6559	0.0658	0.0000	309.2999

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	6.9200e-003	0.2354	0.0722	8.1000e-004	0.0212	2.7000e-004	0.0215	6.1200e-003	2.6000e-004	6.3700e-003	0.0000	78.8707	78.8707	4.2100e-003	0.0000	78.9760
Worker	0.0226	0.0151	0.1831	6.3000e-004	0.0725	5.4000e-004	0.0730	0.0192	5.0000e-004	0.0197	0.0000	56.6151	56.6151	1.3100e-003	0.0000	56.6478
Total	0.0295	0.2505	0.2553	1.4400e-003	0.0936	8.1000e-004	0.0945	0.0254	7.6000e-004	0.0261	0.0000	135.4857	135.4857	5.5200e-003	0.0000	135.6237

3.22 Building Construction - Site 4 - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2327	1.9465	2.1492	4.1200e-003		0.0767	0.0767		0.0729	0.0729	0.0000	346.1133	346.1133	0.0740	0.0000	347.9628
Total	0.2327	1.9465	2.1492	4.1200e-003		0.0767	0.0767		0.0729	0.0729	0.0000	346.1133	346.1133	0.0740	0.0000	347.9628

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	7.6100e-003	0.2623	0.0795	9.1000e-004	0.0238	3.0000e-004	0.0241	6.8800e-003	2.8000e-004	7.1600e-003	0.0000	88.2629	88.2629	4.6700e-003	0.0000	88.3796
Worker	0.0243	0.0157	0.1925	6.8000e-004	0.0815	5.9000e-004	0.0821	0.0217	5.4000e-004	0.0222	0.0000	61.4797	61.4797	1.3500e-003	0.0000	61.5134
Total	0.0319	0.2779	0.2720	1.5900e-003	0.1054	8.9000e-004	0.1062	0.0285	8.2000e-004	0.0294	0.0000	149.7426	149.7426	6.0200e-003	0.0000	149.8930

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	0.2327	1.9465	2.1492	4.1200e-003		0.0767	0.0767		0.0729	0.0729	0.0000	346.1129	346.1129	0.0740	0.0000	347.9624
Total	0.2327	1.9465	2.1492	4.1200e-003		0.0767	0.0767		0.0729	0.0729	0.0000	346.1129	346.1129	0.0740	0.0000	347.9624

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	7.6100e-003	0.2623	0.0795	9.1000e-004	0.0238	3.0000e-004	0.0241	6.8800e-003	2.8000e-004	7.1600e-003	0.0000	88.2629	88.2629	4.6700e-003	0.0000	88.3796
Worker	0.0243	0.0157	0.1925	6.8000e-004	0.0815	5.9000e-004	0.0821	0.0217	5.4000e-004	0.0222	0.0000	61.4797	61.4797	1.3500e-003	0.0000	61.5134
Total	0.0319	0.2779	0.2720	1.5900e-003	0.1054	8.9000e-004	0.1062	0.0285	8.2000e-004	0.0294	0.0000	149.7426	149.7426	6.0200e-003	0.0000	149.8930

3.22 Building Construction - Site 4 - 2027

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	0.1765	1.4767	1.6304	3.1300e-003		0.0582	0.0582		0.0553	0.0553	0.0000	262.5687	262.5687	0.0561	0.0000	263.9718
Total	0.1765	1.4767	1.6304	3.1300e-003		0.0582	0.0582		0.0553	0.0553	0.0000	262.5687	262.5687	0.0561	0.0000	263.9718

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	5.6600e-003	0.1971	0.0593	6.8000e-004	0.0181	2.2000e-004	0.0183	5.2200e-003	2.1000e-004	5.4300e-003	0.0000	66.6406	66.6406	3.4900e-003	0.0000	66.7279
Worker	0.0176	0.0110	0.1368	5.0000e-004	0.0618	4.2000e-004	0.0623	0.0164	3.9000e-004	0.0168	0.0000	45.1532	45.1532	9.4000e-004	0.0000	45.1767
Total	0.0233	0.2081	0.1962	1.1800e-003	0.0799	6.4000e-004	0.0806	0.0216	6.0000e-004	0.0222	0.0000	111.7938	111.7938	4.4300e-003	0.0000	111.9045

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	0.1765	1.4767	1.6304	3.1300e-003		0.0582	0.0582		0.0553	0.0553	0.0000	262.5684	262.5684	0.0561	0.0000	263.9714

Total	0.1765	1.4767	1.6304	3.1300e-003		0.0582	0.0582		0.0553	0.0553	0.0000	262.5684	262.5684	0.0561	0.0000	263.9714
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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	5.6600e-003	0.1971	0.0593	6.8000e-004	0.0181	2.2000e-004	0.0183	5.2200e-003	2.1000e-004	5.4300e-003	0.0000	66.6406	66.6406	3.4900e-003	0.0000	66.7279
Worker	0.0176	0.0110	0.1368	5.0000e-004	0.0618	4.2000e-004	0.0623	0.0164	3.9000e-004	0.0168	0.0000	45.1532	45.1532	9.4000e-004	0.0000	45.1767
Total	0.0233	0.2081	0.1962	1.1800e-003	0.0799	6.4000e-004	0.0806	0.0216	6.0000e-004	0.0222	0.0000	111.7938	111.7938	4.4300e-003	0.0000	111.9045

3.23 Paving - Site 5 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.5100e-003	0.0394	0.0562	9.0000e-005		1.7500e-003	1.7500e-003		1.6400e-003	1.6400e-003	0.0000	7.5207	7.5207	2.1900e-003	0.0000	7.5755
Paving	7.0000e-005					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.5800e-003	0.0394	0.0562	9.0000e-005		1.7500e-003	1.7500e-003		1.6400e-003	1.6400e-003	0.0000	7.5207	7.5207	2.1900e-003	0.0000	7.5755

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.9000e-004	3.3000e-004	3.9900e-003	1.0000e-005	1.5800e-003	1.0000e-005	1.5900e-003	4.2000e-004	1.0000e-005	4.3000e-004	0.0000	1.2330	1.2330	3.0000e-005	0.0000	1.2337
Total	4.9000e-004	3.3000e-004	3.9900e-003	1.0000e-005	1.5800e-003	1.0000e-005	1.5900e-003	4.2000e-004	1.0000e-005	4.3000e-004	0.0000	1.2330	1.2330	3.0000e-005	0.0000	1.2337

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.5100e-003	0.0394	0.0562	9.0000e-005		1.7500e-003	1.7500e-003		1.6400e-003	1.6400e-003	0.0000	7.5207	7.5207	2.1900e-003	0.0000	7.5755
Paving	7.0000e-005					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.5800e-003	0.0394	0.0562	9.0000e-005		1.7500e-003	1.7500e-003		1.6400e-003	1.6400e-003	0.0000	7.5207	7.5207	2.1900e-003	0.0000	7.5755

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.9000e-004	3.3000e-004	3.9900e-003	1.0000e-005	1.5800e-003	1.0000e-005	1.5900e-003	4.2000e-004	1.0000e-005	4.3000e-004	0.0000	1.2330	1.2330	3.0000e-005	0.0000	1.2337
Total	4.9000e-004	3.3000e-004	3.9900e-003	1.0000e-005	1.5800e-003	1.0000e-005	1.5900e-003	4.2000e-004	1.0000e-005	4.3000e-004	0.0000	1.2330	1.2330	3.0000e-005	0.0000	1.2337

3.24 Architectural Coating - Site 5 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0387					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3700e-003	9.1600e-003	0.0145	2.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	2.0426	2.0426	1.1000e-004	0.0000	2.0454
Total	0.0401	9.1600e-003	0.0145	2.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	2.0426	2.0426	1.1000e-004	0.0000	2.0454

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5000e-004	3.7000e-004	4.4300e-003	2.0000e-005	1.7500e-003	1.0000e-005	1.7700e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.3700	1.3700	3.0000e-005	0.0000	1.3708
Total	5.5000e-004	3.7000e-004	4.4300e-003	2.0000e-005	1.7500e-003	1.0000e-005	1.7700e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.3700	1.3700	3.0000e-005	0.0000	1.3708

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	0.0387					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3700e-003	9.1600e-003	0.0145	2.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	2.0426	2.0426	1.1000e-004	0.0000	2.0454
Total	0.0401	9.1600e-003	0.0145	2.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	2.0426	2.0426	1.1000e-004	0.0000	2.0454

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5000e-004	3.7000e-004	4.4300e-003	2.0000e-005	1.7500e-003	1.0000e-005	1.7700e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.3700	1.3700	3.0000e-005	0.0000	1.3708
Total	5.5000e-004	3.7000e-004	4.4300e-003	2.0000e-005	1.7500e-003	1.0000e-005	1.7700e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.3700	1.3700	3.0000e-005	0.0000	1.3708

3.25 Paving - Site 4 - 2027

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	0.0122	0.1153	0.1809	2.8000e-004		5.4300e-003	5.4300e-003		5.0100e-003	5.0100e-003	0.0000	24.0450	24.0450	7.6200e-003	0.0000	24.2355

Paving	7.0000e-005					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0122	0.1153	0.1809	2.8000e-004		5.4300e-003	5.4300e-003		5.0100e-003	5.0100e-003	0.0000	24.0450	24.0450	7.6200e-003	0.0000	24.2355

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.2000e-004	4.5000e-004	5.6400e-003	2.0000e-005	2.5500e-003	2.0000e-005	2.5700e-003	6.8000e-004	2.0000e-005	6.9000e-004	0.0000	1.8604	1.8604	4.0000e-005	0.0000	1.8614
Total	7.2000e-004	4.5000e-004	5.6400e-003	2.0000e-005	2.5500e-003	2.0000e-005	2.5700e-003	6.8000e-004	2.0000e-005	6.9000e-004	0.0000	1.8604	1.8604	4.0000e-005	0.0000	1.8614

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	0.0122	0.1153	0.1809	2.8000e-004		5.4300e-003	5.4300e-003		5.0100e-003	5.0100e-003	0.0000	24.0450	24.0450	7.6200e-003	0.0000	24.2355
Paving	7.0000e-005					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0122	0.1153	0.1809	2.8000e-004		5.4300e-003	5.4300e-003		5.0100e-003	5.0100e-003	0.0000	24.0450	24.0450	7.6200e-003	0.0000	24.2355

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.2000e-004	4.5000e-004	5.6400e-003	2.0000e-005	2.5500e-003	2.0000e-005	2.5700e-003	6.8000e-004	2.0000e-005	6.9000e-004	0.0000	1.8604	1.8604	4.0000e-005	0.0000	1.8614
Total	7.2000e-004	4.5000e-004	5.6400e-003	2.0000e-005	2.5500e-003	2.0000e-005	2.5700e-003	6.8000e-004	2.0000e-005	6.9000e-004	0.0000	1.8604	1.8604	4.0000e-005	0.0000	1.8614

3.26 Architectural Coating - Site 4 - 2027
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	0.5136					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.6500e-003	0.0178	0.0280	5.0000e-005		8.0000e-004	8.0000e-004		8.0000e-004	8.0000e-004	0.0000	3.9575	3.9575	2.2000e-004	0.0000	3.9629
Total	0.5136	0.0178	0.0280	5.0000e-005		8.0000e-004	8.0000e-004		8.0000e-004	8.0000e-004	0.0000	3.9575	3.9575	2.2000e-004	0.0000	3.9629

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3000e-004	3.3000e-004	4.1300e-003	2.0000e-005	1.8700e-003	1.0000e-005	1.8800e-003	5.0000e-004	1.0000e-005	5.1000e-004	0.0000	1.3643	1.3643	3.0000e-005	0.0000	1.3650
Total	5.3000e-004	3.3000e-004	4.1300e-003	2.0000e-005	1.8700e-003	1.0000e-005	1.8800e-003	5.0000e-004	1.0000e-005	5.1000e-004	0.0000	1.3643	1.3643	3.0000e-005	0.0000	1.3650

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	0.5136					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.6500e-003	0.0178	0.0280	5.0000e-005		8.0000e-004	8.0000e-004		8.0000e-004	8.0000e-004	0.0000	3.9575	3.9575	2.2000e-004	0.0000	3.9629
Total	0.5163	0.0178	0.0280	5.0000e-005		8.0000e-004	8.0000e-004		8.0000e-004	8.0000e-004	0.0000	3.9575	3.9575	2.2000e-004	0.0000	3.9629

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3000e-004	3.3000e-004	4.1300e-003	2.0000e-005	1.8700e-003	1.0000e-005	1.8800e-003	5.0000e-004	1.0000e-005	5.1000e-004	0.0000	1.3643	1.3643	3.0000e-005	0.0000	1.3650
Total	5.3000e-004	3.3000e-004	4.1300e-003	2.0000e-005	1.8700e-003	1.0000e-005	1.8800e-003	5.0000e-004	1.0000e-005	5.1000e-004	0.0000	1.3643	1.3643	3.0000e-005	0.0000	1.3650

3.27 Demolition - Site 6 - 2028

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					2.7600e-003	0.0000	2.7600e-003	4.2000e-004	0.0000	4.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0184	0.1632	0.2357	3.8000e-004		6.7300e-003	6.7300e-003		6.4300e-003	6.4300e-003	0.0000	33.3588	33.3588	5.9800e-003	0.0000	33.5084
Total	0.0184	0.1632	0.2357	3.8000e-004	2.7600e-003	6.7300e-003	9.4900e-003	4.2000e-004	6.4300e-003	6.8500e-003	0.0000	33.3588	33.3588	5.9800e-003	0.0000	33.5084

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.0000e-005	1.9800e-003	7.5000e-004	1.0000e-005	2.1000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.8806	0.8806	6.0000e-005	0.0000	0.8821
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	9.5000e-004	5.7000e-004	7.3000e-003	3.0000e-005	3.5100e-003	2.0000e-005	3.5300e-003	9.3000e-004	2.0000e-005	9.5000e-004	0.0000	2.4859	2.4859	5.0000e-005	0.0000	2.4871
Total	1.0100e-003	2.5500e-003	8.0500e-003	4.0000e-005	3.7200e-003	2.0000e-005	3.7500e-003	9.9000e-004	2.0000e-005	1.0100e-003	0.0000	3.3665	3.3665	1.1000e-004	0.0000	3.3692

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					1.0800e-003	0.0000	1.0800e-003	1.6000e-004	0.0000	1.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	0.0184	0.1632	0.2357	3.8000e-004		6.7300e-003	6.7300e-003		6.4300e-003	6.4300e-003	0.0000	33.3588	33.3588	5.9800e-003	0.0000	33.5083
Total	0.0184	0.1632	0.2357	3.8000e-004	1.0800e-003	6.7300e-003	7.8100e-003	1.6000e-004	6.4300e-003	6.5900e-003	0.0000	33.3588	33.3588	5.9800e-003	0.0000	33.5083

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.0000e-005	1.9800e-003	7.5000e-004	1.0000e-005	2.1000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.8806	0.8806	6.0000e-005	0.0000	0.8821
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	9.5000e-004	5.7000e-004	7.3000e-003	3.0000e-005	3.5100e-003	2.0000e-005	3.5300e-003	9.3000e-004	2.0000e-005	9.5000e-004	0.0000	2.4859	2.4859	5.0000e-005	0.0000	2.4871
Total	1.0100e-003	2.5500e-003	8.0500e-003	4.0000e-005	3.7200e-003	2.0000e-005	3.7500e-003	9.9000e-004	2.0000e-005	1.0100e-003	0.0000	3.3665	3.3665	1.1000e-004	0.0000	3.3692

3.28 Site Preparation - Site 6 - 2028

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					4.9000e-004	0.0000	4.9000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.6000e-004	7.1900e-003	5.7400e-003	1.0000e-005		2.5000e-004	2.5000e-004		2.3000e-004	2.3000e-004	0.0000	1.2823	1.2823	4.1000e-004	0.0000	1.2926
Total	6.6000e-004	7.1900e-003	5.7400e-003	1.0000e-005	4.9000e-004	2.5000e-004	7.4000e-004	6.0000e-005	2.3000e-004	2.9000e-004	0.0000	1.2823	1.2823	4.1000e-004	0.0000	1.2926

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2900e-003	0.0398	0.0150	1.8000e-004	4.3200e-003	7.0000e-005	4.3900e-003	1.1900e-003	7.0000e-005	1.2500e-003	0.0000	17.7179	17.7179	1.2000e-003	0.0000	17.7479
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	1.0000e-005	1.7000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0583	0.0583	0.0000	0.0000	0.0583
Total	1.3100e-003	0.0398	0.0152	1.8000e-004	4.4000e-003	7.0000e-005	4.4700e-003	1.2100e-003	7.0000e-005	1.2700e-003	0.0000	17.7762	17.7762	1.2000e-003	0.0000	17.8062

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					1.9000e-004	0.0000	1.9000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.6000e-004	7.1900e-003	5.7400e-003	1.0000e-005		2.5000e-004	2.5000e-004		2.3000e-004	2.3000e-004	0.0000	1.2823	1.2823	4.1000e-004	0.0000	1.2926
Total	6.6000e-004	7.1900e-003	5.7400e-003	1.0000e-005	1.9000e-004	2.5000e-004	4.4000e-004	2.0000e-005	2.3000e-004	2.5000e-004	0.0000	1.2823	1.2823	4.1000e-004	0.0000	1.2926

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.2900e-003	0.0398	0.0150	1.8000e-004	4.3200e-003	7.0000e-005	4.3900e-003	1.1900e-003	7.0000e-005	1.2500e-003	0.0000	17.7179	17.7179	1.2000e-003	0.0000	17.7479

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	1.0000e-005	1.7000e-004	0.0000	8.0000e-005	0.0000	8.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0583	0.0583	0.0000	0.0000	0.0583
Total	1.3100e-003	0.0398	0.0152	1.8000e-004	4.4000e-003	7.0000e-005	4.4700e-003	1.2100e-003	7.0000e-005	1.2700e-003	0.0000	17.7762	17.7762	1.2000e-003	0.0000	17.8062

3.29 Grading - Site 6 - 2028

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					2.3400e-003	0.0000	2.3400e-003	1.1000e-003	0.0000	1.1000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2200e-003	0.0201	0.0248	4.0000e-005		1.0200e-003	1.0200e-003		9.5000e-004	9.5000e-004	0.0000	3.3486	3.3486	7.1000e-004	0.0000	3.3663
Total	2.2200e-003	0.0201	0.0248	4.0000e-005	2.3400e-003	1.0200e-003	3.3600e-003	1.1000e-003	9.5000e-004	2.0500e-003	0.0000	3.3486	3.3486	7.1000e-004	0.0000	3.3663

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	2.5900e-003	0.0795	0.0300	3.6000e-004	8.6400e-003	1.4000e-004	8.7800e-003	2.3700e-003	1.3000e-004	2.5100e-003	0.0000	35.4006	35.4006	2.3900e-003	0.0000	35.4605
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-004	6.0000e-005	7.4000e-004	0.0000	3.6000e-004	0.0000	3.6000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.2525	0.2525	0.0000	0.0000	0.2526
Total	2.6900e-003	0.0796	0.0308	3.6000e-004	9.0000e-003	1.4000e-004	9.1400e-003	2.4600e-003	1.3000e-004	2.6100e-003	0.0000	35.6531	35.6531	2.3900e-003	0.0000	35.7130

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					9.1000e-004	0.0000	9.1000e-004	4.3000e-004	0.0000	4.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2200e-003	0.0201	0.0248	4.0000e-005		1.0200e-003	1.0200e-003		9.5000e-004	9.5000e-004	0.0000	3.3486	3.3486	7.1000e-004	0.0000	3.3663
Total	2.2200e-003	0.0201	0.0248	4.0000e-005	9.1000e-004	1.0200e-003	1.9300e-003	4.3000e-004	9.5000e-004	1.3800e-003	0.0000	3.3486	3.3486	7.1000e-004	0.0000	3.3663

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	2.5900e-003	0.0795	0.0300	3.6000e-004	8.6400e-003	1.4000e-004	8.7800e-003	2.3700e-003	1.3000e-004	2.5100e-003	0.0000	35.4006	35.4006	2.3900e-003	0.0000	35.4605
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-004	6.0000e-005	7.4000e-004	0.0000	3.6000e-004	0.0000	3.6000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.2525	0.2525	0.0000	0.0000	0.2526
Total	2.6900e-003	0.0796	0.0308	3.6000e-004	9.0000e-003	1.4000e-004	9.1400e-003	2.4600e-003	1.3000e-004	2.6100e-003	0.0000	35.6531	35.6531	2.3900e-003	0.0000	35.7130

3.30 Building Construction - Site 6 - 2028

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	0.0789	0.7830	0.8873	1.6800e-003		0.0336	0.0336		0.0309	0.0309	0.0000	147.5255	147.5255	0.0477	0.0000	148.7183

Total	0.0789	0.7830	0.8873	1.6800e-003		0.0336	0.0336		0.0309	0.0309	0.0000	147.5255	147.5255	0.0477	0.0000	148.7183
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.6200e-003	0.1274	0.0381	4.4000e-004	0.0118	1.4000e-004	0.0119	3.4000e-003	1.4000e-004	3.5400e-003	0.0000	43.2287	43.2287	2.2400e-003	0.0000	43.2847
Worker	0.0141	8.5500e-003	0.1089	4.1000e-004	0.0523	3.3000e-004	0.0526	0.0139	3.0000e-004	0.0142	0.0000	37.0430	37.0430	7.3000e-004	0.0000	37.0613
Total	0.0177	0.1360	0.1470	8.5000e-004	0.0640	4.7000e-004	0.0645	0.0173	4.4000e-004	0.0177	0.0000	80.2717	80.2717	2.9700e-003	0.0000	80.3461

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	0.0789	0.7830	0.8873	1.6800e-003		0.0336	0.0336		0.0309	0.0309	0.0000	147.5254	147.5254	0.0477	0.0000	148.7182
Total	0.0789	0.7830	0.8873	1.6800e-003		0.0336	0.0336		0.0309	0.0309	0.0000	147.5254	147.5254	0.0477	0.0000	148.7182

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.6200e-003	0.1274	0.0381	4.4000e-004	0.0118	1.4000e-004	0.0119	3.4000e-003	1.4000e-004	3.5400e-003	0.0000	43.2287	43.2287	2.2400e-003	0.0000	43.2847
Worker	0.0141	8.5500e-003	0.1089	4.1000e-004	0.0523	3.3000e-004	0.0526	0.0139	3.0000e-004	0.0142	0.0000	37.0430	37.0430	7.3000e-004	0.0000	37.0613
Total	0.0177	0.1360	0.1470	8.5000e-004	0.0640	4.7000e-004	0.0645	0.0173	4.4000e-004	0.0177	0.0000	80.2717	80.2717	2.9700e-003	0.0000	80.3461

3.30 Building Construction - Site 6 - 2029

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	0.0262	0.2596	0.2942	5.6000e-004		0.0111	0.0111		0.0103	0.0103	0.0000	48.9122	48.9122	0.0158	0.0000	49.3077
Total	0.0262	0.2596	0.2942	5.6000e-004		0.0111	0.0111		0.0103	0.0103	0.0000	48.9122	48.9122	0.0158	0.0000	49.3077

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Vendor	1.1800e-003	0.0419	0.0125	1.5000e-004	3.9100e-003	5.0000e-005	3.9500e-003	1.1300e-003	4.0000e-005	1.1700e-003	0.0000	14.2803	14.2803	7.3000e-004	0.0000	14.2986
Worker	4.4000e-003	2.6100e-003	0.0338	1.3000e-004	0.0173	1.0000e-004	0.0174	4.6000e-003	9.0000e-005	4.7000e-003	0.0000	11.9520	11.9520	2.2000e-004	0.0000	11.9576
Total	5.5800e-003	0.0445	0.0463	2.8000e-004	0.0212	1.5000e-004	0.0214	5.7300e-003	1.3000e-004	5.8700e-003	0.0000	26.2323	26.2323	9.5000e-004	0.0000	26.2562

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	0.0262	0.2596	0.2942	5.6000e-004		0.0111	0.0111		0.0103	0.0103	0.0000	48.9122	48.9122	0.0158	0.0000	49.3076
Total	0.0262	0.2596	0.2942	5.6000e-004		0.0111	0.0111		0.0103	0.0103	0.0000	48.9122	48.9122	0.0158	0.0000	49.3076

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1800e-003	0.0419	0.0125	1.5000e-004	3.9100e-003	5.0000e-005	3.9500e-003	1.1300e-003	4.0000e-005	1.1700e-003	0.0000	14.2803	14.2803	7.3000e-004	0.0000	14.2986
Worker	4.4000e-003	2.6100e-003	0.0338	1.3000e-004	0.0173	1.0000e-004	0.0174	4.6000e-003	9.0000e-005	4.7000e-003	0.0000	11.9520	11.9520	2.2000e-004	0.0000	11.9576
Total	5.5800e-003	0.0445	0.0463	2.8000e-004	0.0212	1.5000e-004	0.0214	5.7300e-003	1.3000e-004	5.8700e-003	0.0000	26.2323	26.2323	9.5000e-004	0.0000	26.2562

3.31 Site Preparation - Site 3 - 2029

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					3.4000e-004	0.0000	3.4000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.4000e-004	4.7900e-003	3.8200e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.5000e-004	1.5000e-004	0.0000	0.8548	0.8548	2.8000e-004	0.0000	0.8618
Total	4.4000e-004	4.7900e-003	3.8200e-003	1.0000e-005	3.4000e-004	1.7000e-004	5.1000e-004	4.0000e-005	1.5000e-004	1.9000e-004	0.0000	0.8548	0.8548	2.8000e-004	0.0000	0.8618

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	4.3000e-004	0.0132	5.0600e-003	6.0000e-005	1.4500e-003	2.0000e-005	1.4800e-003	4.0000e-004	2.0000e-005	4.2000e-004	0.0000	5.9298	5.9298	4.0000e-004	0.0000	5.9398
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	1.1000e-004	0.0000	5.0000e-005	0.0000	6.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0378	0.0378	0.0000	0.0000	0.0378
Total	4.4000e-004	0.0132	5.1700e-003	6.0000e-005	1.5000e-003	2.0000e-005	1.5400e-003	4.1000e-004	2.0000e-005	4.3000e-004	0.0000	5.9676	5.9676	4.0000e-004	0.0000	5.9776

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					1.3000e-004	0.0000	1.3000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	4.4000e-004	4.7900e-003	3.8200e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.5000e-004	1.5000e-004	0.0000	0.8548	0.8548	2.8000e-004	0.0000	0.8618
Total	4.4000e-004	4.7900e-003	3.8200e-003	1.0000e-005	1.3000e-004	1.7000e-004	3.0000e-004	2.0000e-005	1.5000e-004	1.7000e-004	0.0000	0.8548	0.8548	2.8000e-004	0.0000	0.8618

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	4.3000e-004	0.0132	5.0600e-003	6.0000e-005	1.4500e-003	2.0000e-005	1.4800e-003	4.0000e-004	2.0000e-005	4.2000e-004	0.0000	5.9298	5.9298	4.0000e-004	0.0000	5.9398
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-005	1.0000e-005	1.1000e-004	0.0000	5.0000e-005	0.0000	6.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0378	0.0378	0.0000	0.0000	0.0378
Total	4.4000e-004	0.0132	5.1700e-003	6.0000e-005	1.5000e-003	2.0000e-005	1.5400e-003	4.1000e-004	2.0000e-005	4.3000e-004	0.0000	5.9676	5.9676	4.0000e-004	0.0000	5.9776

3.32 Grading - Site 3 - 2029

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					1.6600e-003	0.0000	1.6600e-003	8.5000e-004	0.0000	8.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7800e-003	0.0161	0.0199	3.0000e-005		8.1000e-004	8.1000e-004		7.6000e-004	7.6000e-004	0.0000	2.6789	2.6789	5.7000e-004	0.0000	2.6930
Total	1.7800e-003	0.0161	0.0199	3.0000e-005	1.6600e-003	8.1000e-004	2.4700e-003	8.5000e-004	7.6000e-004	1.6100e-003	0.0000	2.6789	2.6789	5.7000e-004	0.0000	2.6930

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.6000e-004	0.0263	0.0101	1.2000e-004	2.9000e-003	5.0000e-005	2.9400e-003	8.0000e-004	4.0000e-005	8.4000e-004	0.0000	11.8245	11.8245	8.0000e-004	0.0000	11.8445
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	4.0000e-005	5.6000e-004	0.0000	2.8000e-004	0.0000	2.9000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.1966	0.1966	0.0000	0.0000	0.1967
Total	9.3000e-004	0.0264	0.0107	1.2000e-004	3.1800e-003	5.0000e-005	3.2300e-003	8.8000e-004	4.0000e-005	9.2000e-004	0.0000	12.0211	12.0211	8.0000e-004	0.0000	12.0411

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.5000e-004	0.0000	6.5000e-004	3.3000e-004	0.0000	3.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7800e-003	0.0161	0.0199	3.0000e-005		8.1000e-004	8.1000e-004		7.6000e-004	7.6000e-004	0.0000	2.6789	2.6789	5.7000e-004	0.0000	2.6930
Total	1.7800e-003	0.0161	0.0199	3.0000e-005	6.5000e-004	8.1000e-004	1.4600e-003	3.3000e-004	7.6000e-004	1.0900e-003	0.0000	2.6789	2.6789	5.7000e-004	0.0000	2.6930

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.6000e-004	0.0263	0.0101	1.2000e-004	2.9000e-003	5.0000e-005	2.9400e-003	8.0000e-004	4.0000e-005	8.4000e-004	0.0000	11.8245	11.8245	8.0000e-004	0.0000	11.8445

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	4.0000e-005	5.6000e-004	0.0000	2.8000e-004	0.0000	2.9000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.1966	0.1966	0.0000	0.0000	0.1967
Total	9.3000e-004	0.0264	0.0107	1.2000e-004	3.1800e-003	5.0000e-005	3.2300e-003	8.8000e-004	4.0000e-005	9.2000e-004	0.0000	12.0211	12.0211	8.0000e-004	0.0000	12.0411

3.33 Building Construction - Site 3 - 2029

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	0.0634	0.6304	0.8082	1.3100e-003		0.0277	0.0277		0.0255	0.0255	0.0000	115.3401	115.3401	0.0373	0.0000	116.2727
Total	0.0634	0.6304	0.8082	1.3100e-003		0.0277	0.0277		0.0255	0.0255	0.0000	115.3401	115.3401	0.0373	0.0000	116.2727

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6300e-003	0.0933	0.0278	3.3000e-004	8.6900e-003	1.0000e-004	8.8000e-003	2.5100e-003	1.0000e-004	2.6100e-003	0.0000	31.7851	31.7851	1.6300e-003	0.0000	31.8260
Worker	7.6800e-003	4.5500e-003	0.0591	2.3000e-004	0.0302	1.8000e-004	0.0304	8.0300e-003	1.6000e-004	8.2000e-003	0.0000	20.8650	20.8650	3.9000e-004	0.0000	20.8747
Total	0.0103	0.0978	0.0868	5.6000e-004	0.0389	2.8000e-004	0.0392	0.0105	2.6000e-004	0.0108	0.0000	52.6501	52.6501	2.0200e-003	0.0000	52.7007

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	0.0634	0.6304	0.8082	1.3100e-003		0.0277	0.0277		0.0255	0.0255	0.0000	115.3399	115.3399	0.0373	0.0000	116.2725
Total	0.0634	0.6304	0.8082	1.3100e-003		0.0277	0.0277		0.0255	0.0255	0.0000	115.3399	115.3399	0.0373	0.0000	116.2725

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6300e-003	0.0933	0.0278	3.3000e-004	8.6900e-003	1.0000e-004	8.8000e-003	2.5100e-003	1.0000e-004	2.6100e-003	0.0000	31.7851	31.7851	1.6300e-003	0.0000	31.8260
Worker	7.6800e-003	4.5500e-003	0.0591	2.3000e-004	0.0302	1.8000e-004	0.0304	8.0300e-003	1.6000e-004	8.2000e-003	0.0000	20.8650	20.8650	3.9000e-004	0.0000	20.8747
Total	0.0103	0.0978	0.0868	5.6000e-004	0.0389	2.8000e-004	0.0392	0.0105	2.6000e-004	0.0108	0.0000	52.6501	52.6501	2.0200e-003	0.0000	52.7007

3.34 Paving - Site 6 - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.3800e-003	0.0295	0.0422	7.0000e-005		1.3100e-003	1.3100e-003		1.2300e-003	1.2300e-003	0.0000	5.6405	5.6405	1.6400e-003	0.0000	5.6816

Paving	7.0000e-005					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.4500e-003	0.0295	0.0422	7.0000e-005		1.3100e-003	1.3100e-003		1.2300e-003	1.2300e-003	0.0000	5.6405	5.6405	1.6400e-003	0.0000	5.6816

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-004	1.8000e-004	2.3100e-003	1.0000e-005	1.1800e-003	1.0000e-005	1.1900e-003	3.1000e-004	1.0000e-005	3.2000e-004	0.0000	0.8165	0.8165	2.0000e-005	0.0000	0.8168
Total	3.0000e-004	1.8000e-004	2.3100e-003	1.0000e-005	1.1800e-003	1.0000e-005	1.1900e-003	3.1000e-004	1.0000e-005	3.2000e-004	0.0000	0.8165	0.8165	2.0000e-005	0.0000	0.8168

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.3800e-003	0.0295	0.0422	7.0000e-005		1.3100e-003	1.3100e-003		1.2300e-003	1.2300e-003	0.0000	5.6405	5.6405	1.6400e-003	0.0000	5.6816
Paving	7.0000e-005					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.4500e-003	0.0295	0.0422	7.0000e-005		1.3100e-003	1.3100e-003		1.2300e-003	1.2300e-003	0.0000	5.6405	5.6405	1.6400e-003	0.0000	5.6816

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-004	1.8000e-004	2.3100e-003	1.0000e-005	1.1800e-003	1.0000e-005	1.1900e-003	3.1000e-004	1.0000e-005	3.2000e-004	0.0000	0.8165	0.8165	2.0000e-005	0.0000	0.8168
Total	3.0000e-004	1.8000e-004	2.3100e-003	1.0000e-005	1.1800e-003	1.0000e-005	1.1900e-003	3.1000e-004	1.0000e-005	3.2000e-004	0.0000	0.8165	0.8165	2.0000e-005	0.0000	0.8168

3.35 Architectural Coating - Site 6 - 2029
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	0.0170					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0300e-003	6.8700e-003	0.0109	2.0000e-005		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004	0.0000	1.5320	1.5320	8.0000e-005	0.0000	1.5340
Total	0.0181	6.8700e-003	0.0109	2.0000e-005		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004	0.0000	1.5320	1.5320	8.0000e-005	0.0000	1.5340

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	1.7000e-004	1.0000e-004	1.2800e-003	1.0000e-005	6.6000e-004	0.0000	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.4536	0.4536	1.0000e-005	0.0000	0.4538
Total	1.7000e-004	1.0000e-004	1.2800e-003	1.0000e-005	6.6000e-004	0.0000	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.4536	0.4536	1.0000e-005	0.0000	0.4538

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	0.0170					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0300e-003	6.8700e-003	0.0109	2.0000e-005		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004	0.0000	1.5320	1.5320	8.0000e-005	0.0000	1.5340
Total	0.0181	6.8700e-003	0.0109	2.0000e-005		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004	0.0000	1.5320	1.5320	8.0000e-005	0.0000	1.5340

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	1.7000e-004	1.0000e-004	1.2800e-003	1.0000e-005	6.6000e-004	0.0000	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.4536	0.4536	1.0000e-005	0.0000	0.4538
Total	1.7000e-004	1.0000e-004	1.2800e-003	1.0000e-005	6.6000e-004	0.0000	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.4536	0.4536	1.0000e-005	0.0000	0.4538

3.36 Paving - Site 3 - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.3800e-003	0.0295	0.0422	7.0000e-005		1.3100e-003	1.3100e-003		1.2300e-003	1.2300e-003	0.0000	5.6405	5.6405	1.6400e-003	0.0000	5.6816
Paving	7.0000e-005					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.4500e-003	0.0295	0.0422	7.0000e-005		1.3100e-003	1.3100e-003		1.2300e-003	1.2300e-003	0.0000	5.6405	5.6405	1.6400e-003	0.0000	5.6816

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-004	1.8000e-004	2.3100e-003	1.0000e-005	1.1800e-003	1.0000e-005	1.1900e-003	3.1000e-004	1.0000e-005	3.2000e-004	0.0000	0.8165	0.8165	2.0000e-005	0.0000	0.8168
Total	3.0000e-004	1.8000e-004	2.3100e-003	1.0000e-005	1.1800e-003	1.0000e-005	1.1900e-003	3.1000e-004	1.0000e-005	3.2000e-004	0.0000	0.8165	0.8165	2.0000e-005	0.0000	0.8168

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.3800e-003	0.0295	0.0422	7.0000e-005		1.3100e-003	1.3100e-003		1.2300e-003	1.2300e-003	0.0000	5.6405	5.6405	1.6400e-003	0.0000	5.6816

Paving	7.0000e-005					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.4500e-003	0.0295	0.0422	7.0000e-005		1.3100e-003	1.3100e-003		1.2300e-003	1.2300e-003	0.0000	5.6405	5.6405	1.6400e-003	0.0000	5.6816

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-004	1.8000e-004	2.3100e-003	1.0000e-005	1.1800e-003	1.0000e-005	1.1900e-003	3.1000e-004	1.0000e-005	3.2000e-004	0.0000	0.8165	0.8165	2.0000e-005	0.0000	0.8168
Total	3.0000e-004	1.8000e-004	2.3100e-003	1.0000e-005	1.1800e-003	1.0000e-005	1.1900e-003	3.1000e-004	1.0000e-005	3.2000e-004	0.0000	0.8165	0.8165	2.0000e-005	0.0000	0.8168

3.37 Architectural Coating - Site 3 - 2029

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	0.2129					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0300e-003	6.8700e-003	0.0109	2.0000e-005		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004	0.0000	1.5320	1.5320	8.0000e-005	0.0000	1.5340
Total	0.2140	6.8700e-003	0.0109	2.0000e-005		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004	0.0000	1.5320	1.5320	8.0000e-005	0.0000	1.5340

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.4000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2268	0.2268	0.0000	0.0000	0.2269
Total	8.0000e-005	5.0000e-005	6.4000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2268	0.2268	0.0000	0.0000	0.2269

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	0.2129					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0300e-003	6.8700e-003	0.0109	2.0000e-005		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004	0.0000	1.5320	1.5320	8.0000e-005	0.0000	1.5340
Total	0.2140	6.8700e-003	0.0109	2.0000e-005		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004	0.0000	1.5320	1.5320	8.0000e-005	0.0000	1.5340

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.4000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2268	0.2268	0.0000	0.0000	0.2269
Total	8.0000e-005	5.0000e-005	6.4000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2268	0.2268	0.0000	0.0000	0.2269

Kaiser LAMC - Option B Construction - Los Angeles-South Coast County, Summer

Kaiser LAMC - Option B Construction
Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hospital	177.30	1000sqft	2.80	177,300.00	0
Medical Office Building	130.00	1000sqft	0.50	130,000.00	0
Medical Office Building	50.00	1000sqft	0.75	50,000.00	0
Medical Office Building	73.50	1000sqft	0.60	73,500.00	0
Enclosed Parking with Elevator	302.80	1000sqft	0.50	302,800.00	0
Enclosed Parking with Elevator	230.60	1000sqft	0.60	230,600.00	0
Enclosed Parking with Elevator	122.40	1000sqft	0.60	122,400.00	0
Parking Lot	6.00	Space	0.05	2,400.00	0
Strip Mall	2.30	1000sqft	0.00	2,300.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2030
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	500	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Land Use - Land uses and acreage based on Project Description for Sites 1-6 for Option B (Hospital)

Construction Phase - Construction schedule adjusted based on Project Description and anticipated schedule provided by Kaiser

Off-road Equipment - Off-road equipment based on defaults for each Site. Trencher added during Grading phases for utilities installation.

Off-road Equipment - Off-road equipment based on defaults for each Site

Off-road Equipment - Off-road equipment based on defaults for each Site. Added a Crane with 350hp to represent a Impact Pile Driving Rig.

Off-road Equipment - Off-road equipment based on defaults for each Site. No pile drivers expected at this Site.

Off-road Equipment - Off-road equipment based on defaults for each Site. No pile driving expected for this Site.

Off-road Equipment - Off-road equipment based on defaults for each Site. Added a Crane with 350hp to represent a Impact Pile Driving Rig.

Off-road Equipment - Off-road equipment based on defaults for each Site. Added a Crane with 350hp to represent a Impact Pile Driving Rig.

Off-road Equipment - Off-road equipment based on defaults for each Site. Added a Crane with 350hp to represent a Impact Pile Driving Rig.

Off-road Equipment - Off-road equipment based on defaults for each Site

Trips and VMT - Haul trips based on material import/export or demolition debris based on input from Kaiser. Other trips based on defaults for each Site

Demolition - Debris tonnage based on CalEEMod factor of 0.046 tons/sf for buildings and CalRecycle factor of 2,400 lbs asphalt debris/yd3

Grading - Material import/export based on input from Kaiser. Total acres graded based on defaults for each Site

Architectural Coating - Architectural coatings based on defaults for each Site. Adjusted non-residential interior VOC to 50 g/L per Rule 1113

Vehicle Trips - Modeling construction only

Area Coating - Modeling construction only

Landscape Equipment - Modeling construction only

Energy Use - Modeling construction only

Water And Wastewater - Modeling construction only

Solid Waste - Modeling construction only

Construction Off-road Equipment Mitigation - Mitigation: Water exposed areas 3x/day, limit vehicle speeds to 15 mph

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	216,550.00	25,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	216,550.00	65,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	216,550.00	1,150.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	216,550.00	88,650.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	216,550.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	216,550.00	36,750.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	649,650.00	75,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	649,650.00	195,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	649,650.00	3,450.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	649,650.00	265,950.00

tblArchitecturalCoating	ConstArea_Nonresidential_Interior	649,650.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	649,650.00	110,250.00
tblArchitecturalCoating	ConstArea_Parking	39,492.00	144.00
tblArchitecturalCoating	ConstArea_Parking	39,492.00	18,168.00
tblArchitecturalCoating	ConstArea_Parking	39,492.00	13,836.00
tblArchitecturalCoating	ConstArea_Parking	39,492.00	0.00
tblArchitecturalCoating	ConstArea_Parking	39,492.00	7,344.00
tblArchitecturalCoating	ConstArea_Parking	39,492.00	0.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
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tblAreaCoating	Area_Nonresidential_Interior	649650	0
tblAreaCoating	Area_Parking	39492	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	13.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	47.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstructionPhase	NumDays	20.00	15.00

tblConstructionPhase	NumDays	20.00	23.00
tblConstructionPhase	NumDays	20.00	16.00
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tblConstructionPhase	NumDays	230.00	249.00
tblConstructionPhase	NumDays	230.00	442.00
tblConstructionPhase	NumDays	230.00	308.00
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tblConstructionPhase	NumDays	10.00	3.00
tblConstructionPhase	NumDays	10.00	25.00
tblConstructionPhase	NumDays	10.00	2.00

tblConstructionPhase	NumDays	10.00	4.00
tblEnergyUse	LightingElect	1.75	0.00
tblEnergyUse	LightingElect	5.31	0.00
tblEnergyUse	LightingElect	3.77	0.00
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	6.26	0.00
tblEnergyUse	NT24E	0.19	0.00
tblEnergyUse	NT24E	7.55	0.00
tblEnergyUse	NT24E	4.62	0.00
tblEnergyUse	NT24E	3.23	0.00
tblEnergyUse	NT24NG	9.82	0.00
tblEnergyUse	NT24NG	0.39	0.00
tblEnergyUse	NT24NG	0.49	0.00
tblEnergyUse	T24E	3.92	0.00
tblEnergyUse	T24E	9.96	0.00
tblEnergyUse	T24E	4.60	0.00
tblEnergyUse	T24E	4.01	0.00
tblEnergyUse	T24NG	54.94	0.00
tblEnergyUse	T24NG	10.02	0.00
tblEnergyUse	T24NG	1.15	0.00
tblGrading	AcresOfGrading	9.50	3.00
tblGrading	AcresOfGrading	7.50	0.75
tblGrading	AcresOfGrading	1.50	0.50
tblGrading	AcresOfGrading	15.00	4.50
tblGrading	AcresOfGrading	1.50	0.50
tblGrading	AcresOfGrading	5.00	0.50
tblGrading	AcresOfGrading	1.00	0.50
tblGrading	AcresOfGrading	2.00	0.50
tblGrading	MaterialExported	0.00	7,020.00
tblGrading	MaterialExported	0.00	10,420.00
tblGrading	MaterialExported	0.00	8,040.00
tblGrading	MaterialExported	0.00	47,506.00

tblGrading	MaterialExported	0.00	3,510.00
tblGrading	MaterialExported	0.00	5,210.00
tblGrading	MaterialExported	0.00	4,020.00
tblGrading	MaterialExported	0.00	23,754.00
tblGrading	MaterialImported	0.00	2,697.00
tblGrading	MaterialImported	0.00	380.00
tblGrading	MaterialImported	0.00	1,348.00
tblGrading	MaterialImported	0.00	380.00
tblLandUse	LotAcreage	4.07	2.80
tblLandUse	LotAcreage	2.98	0.50
tblLandUse	LotAcreage	1.15	0.75
tblLandUse	LotAcreage	1.69	0.60
tblLandUse	LotAcreage	2.81	0.60
tblLandUse	LotAcreage	5.29	0.60
tblLandUse	LotAcreage	6.95	0.50
tblLandUse	LotAcreage	0.05	0.00
tblOffRoadEquipment	HorsePower	231.00	350.00
tblOffRoadEquipment	HorsePower	231.00	350.00
tblOffRoadEquipment	HorsePower	231.00	350.00
tblOffRoadEquipment	HorsePower	231.00	350.00
tblOffRoadEquipment	HorsePower	84.00	97.00
tblOffRoadEquipment	LoadFactor	0.74	0.37
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
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tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
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tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	8.00	1.00

tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	500
tblSolidWaste	SolidWasteGenerationRate	1,914.84	0.00
tblSolidWaste	SolidWasteGenerationRate	2,737.80	0.00
tblSolidWaste	SolidWasteGenerationRate	2.42	0.00
tblTripsAndVMT	VendorTripNumber	179.00	38.00
tblTripsAndVMT	VendorTripNumber	179.00	29.00

tblTripsAndVMT	VendorTripNumber	179.00	20.00
tblTripsAndVMT	VendorTripNumber	179.00	12.00
tblTripsAndVMT	VendorTripNumber	179.00	71.00
tblTripsAndVMT	VendorTripNumber	179.00	9.00
tblTripsAndVMT	WorkerTripNumber	83.00	3.00
tblTripsAndVMT	WorkerTripNumber	83.00	34.00
tblTripsAndVMT	WorkerTripNumber	415.00	98.00
tblTripsAndVMT	WorkerTripNumber	415.00	57.00
tblTripsAndVMT	WorkerTripNumber	83.00	20.00
tblTripsAndVMT	WorkerTripNumber	83.00	11.00
tblTripsAndVMT	WorkerTripNumber	415.00	51.00
tblTripsAndVMT	WorkerTripNumber	415.00	24.00
tblTripsAndVMT	WorkerTripNumber	83.00	10.00
tblTripsAndVMT	WorkerTripNumber	83.00	5.00
tblTripsAndVMT	WorkerTripNumber	415.00	169.00
tblTripsAndVMT	WorkerTripNumber	415.00	17.00
tblVehicleTrips	ST_TR	10.18	0.00
tblVehicleTrips	ST_TR	8.96	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	8.91	0.00
tblVehicleTrips	SU_TR	1.55	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	13.22	0.00
tblVehicleTrips	WD_TR	36.13	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWater	IndoorWaterUseRate	22,247,699.31	0.00
tblWater	IndoorWaterUseRate	31,809,316.27	0.00
tblWater	IndoorWaterUseRate	170,366.80	0.00
tblWater	OutdoorWaterUseRate	4,237,657.01	0.00
tblWater	OutdoorWaterUseRate	6,058,917.39	0.00
tblWater	OutdoorWaterUseRate	104,418.36	0.00

2.0 Emissions Summary

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					
2020	4.9081	52.5209	37.4761	0.1119	4.4023	1.8152	5.3330	1.7700	1.7239	2.8475	0.0000	11,925.3596	11,925.3596	1.2360	0.0000	11,956.2110
2021	4.0245	34.5582	32.9724	0.0818	2.5912	1.3505	3.9418	0.6988	1.2743	1.9731	0.0000	8,055.9184	8,055.9184	1.1112	0.0000	8,083.6981
2022	39.2701	31.2954	31.8071	0.0809	2.8181	1.5287	3.9310	0.7214	1.4314	1.7849	0.0000	7,962.9311	7,962.9311	1.2474	0.0000	7,990.2355
2023	2.2251	20.7691	21.8505	0.0413	1.1800	0.9618	2.1418	0.2202	0.9054	1.1257	0.0000	4,016.9005	4,016.9005	0.8243	0.0000	4,037.5069
2024	1.6566	29.5005	17.6090	0.1174	3.2050	0.5071	3.7120	1.0708	0.4767	1.5475	0.0000	12,669.7733	12,669.7733	1.0766	0.0000	12,696.6891
2025	7.1140	37.6306	31.9244	0.1121	8.9349	1.0834	10.0184	4.0656	0.9976	5.0632	0.0000	11,591.4937	11,591.4937	1.7513	0.0000	11,635.2766
2026	2.0242	17.0092	18.6306	0.0440	0.8228	0.5948	1.4176	0.2224	0.5647	0.7871	0.0000	4,220.0101	4,220.0101	0.6754	0.0000	4,236.8941
2027	33.3413	16.9832	18.5227	0.0438	0.8228	0.5945	1.4173	0.2224	0.5644	0.7869	0.0000	4,199.1170	4,199.1170	0.6738	0.0000	4,215.9627
2028	1.9504	39.0834	22.0618	0.1603	4.5957	0.4628	5.0585	1.4437	0.4353	1.8789	0.0000	17,313.2769	17,313.2769	1.3588	0.0000	17,347.2462
2029	35.6713	30.6842	26.2403	0.1037	3.1462	0.7940	3.9402	1.0559	0.7388	1.7948	0.0000	10,849.8696	10,849.8696	1.3462	0.0000	10,883.5253
Maximum	39.2701	52.5209	37.4761	0.1603	8.9349	1.8152	10.0184	4.0656	1.7239	5.0632	0.0000	17,313.2769	17,313.2769	1.7513	0.0000	17,347.2462

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					
2020	4.9081	52.5209	37.4761	0.1119	3.0381	1.8152	4.7403	1.0520	1.7239	2.5945	0.0000	11,925.3596	11,925.3596	1.2360	0.0000	11,956.2110
2021	4.0245	34.5582	32.9724	0.0818	2.5912	1.3505	3.9418	0.6988	1.2743	1.9731	0.0000	8,055.9184	8,055.9184	1.1112	0.0000	8,083.6981
2022	39.2701	31.2954	31.8071	0.0809	2.6242	1.5287	3.7397	0.6988	1.4314	1.7830	0.0000	7,962.9311	7,962.9311	1.2474	0.0000	7,990.2355

2023	2.2251	20.7691	21.8505	0.0413	0.6846	0.9618	1.6464	0.1452	0.9054	1.0506	0.0000	4,016.9005	4,016.9005	0.8243	0.0000	4,037.5069
2024	1.6566	29.5005	17.6090	0.1174	2.7355	0.5071	3.1837	0.8079	0.4767	1.2846	0.0000	12,669.7733	12,669.7733	1.0766	0.0000	12,696.6891
2025	7.1140	37.6306	31.9244	0.1121	5.1215	1.0834	6.2049	2.0296	0.9976	3.0272	0.0000	11,591.4937	11,591.4937	1.7513	0.0000	11,635.2766
2026	2.0242	17.0092	18.6306	0.0440	0.8228	0.5948	1.4176	0.2224	0.5647	0.7871	0.0000	4,220.0101	4,220.0101	0.6754	0.0000	4,236.8941
2027	33.3413	16.9832	18.5227	0.0438	0.8228	0.5945	1.4173	0.2224	0.5644	0.7869	0.0000	4,199.1169	4,199.1169	0.6738	0.0000	4,215.9627
2028	1.9504	39.0834	22.0618	0.1603	4.0256	0.4628	4.4884	1.1745	0.4353	1.6097	0.0000	17,313.2769	17,313.2769	1.3588	0.0000	17,347.2462
2029	35.6713	30.6842	26.2403	0.1037	2.6405	0.7940	3.4345	0.7965	0.7388	1.5353	0.0000	10,849.8696	10,849.8696	1.3462	0.0000	10,883.5253
Maximum	39.2701	52.5209	37.4761	0.1603	5.1215	1.8152	6.2049	2.0296	1.7239	3.0272	0.0000	17,313.2769	17,313.2769	1.7513	0.0000	17,347.2462

	ROG	NOx	CO	SO2	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	22.79	0.00	16.37	31.70	0.00	16.12	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 - Site 1	Demolition	4/1/2020	6/30/2020	5	65	Phase 1
2	Site Preparation - Site 1	Site Preparation	7/1/2020	8/4/2020	5	25	Phase 1
3	Grading - Site 1	Grading	8/5/2020	11/17/2020	5	75	Phase 1
4	Demolition - Site 2	Demolition	10/1/2020	11/27/2020	5	42	Phase 1
5	Building Construction - Site 1	Building Construction	11/18/2020	7/28/2022	5	442	Phase 1
6	Site Preparation - Site 2	Site Preparation	12/1/2020	12/4/2020	5	4	Phase 1
7	Grading - Site 2	Grading	12/5/2020	12/14/2020	5	6	Phase 1
8	Building Construction - Site 2	Building Construction	12/15/2020	2/17/2022	5	308	Phase 1
9	Paving - Site 2	Paving	2/18/2022	3/10/2022	5	15	Phase 1
10	Architectural Coating - Site 2	Architectural Coating	3/11/2022	3/31/2022	5	15	Phase 1
11	Demolition - Site 3	Demolition	7/1/2022	6/30/2023	5	261	Phase 1
12	Paving - Site 1	Paving	7/29/2022	8/30/2022	5	23	Phase 1
13	Demolition - Site 4	Demolition	8/1/2022	6/30/2023	5	240	Phase 1
14	Architectural Coating - Site 1	Architectural Coating	8/31/2022	9/30/2022	5	23	Phase 1
15	Demolition - Site 5	Demolition	1/1/2024	7/30/2024	5	152	Phase 2
16	Site Preparation - Site 5	Site Preparation	8/1/2024	8/5/2024	5	3	Phase 2
17	Grading - Site 5	Grading	8/6/2024	8/14/2024	5	7	Phase 2
18	Building Construction - Site 5	Building Construction	8/15/2024	11/14/2025	5	327	Phase 2
19	Site Preparation - Site 4	Site Preparation	1/1/2025	1/14/2025	5	10	Phase 2
20	Grading - Site 4	Grading	1/15/2025	2/10/2025	5	19	Phase 2
21	Building Construction - Site 4	Building Construction	2/11/2025	10/5/2027	5	691	Phase 2
22	Paving - Site 5	Paving	11/15/2025	12/8/2025	5	16	Phase 2
23	Architectural Coating - Site 5	Architectural Coating	12/9/2025	12/30/2025	5	16	Phase 2
24	Paving - Site 4	Paving	10/6/2027	11/17/2027	5	31	Phase 2
25	Architectural Coating - Site 4	Architectural Coating	11/18/2027	12/30/2027	5	31	Phase 2
26	Demolition - Site 6	Demolition	1/1/2028	3/30/2028	5	64	Phase 3
27	Site Preparation - Site 6	Site Preparation	4/1/2028	4/5/2028	5	3	Phase 3

28	Grading - Site 6	Grading	4/6/2028	4/12/2028	5	5	Phase 3
29	Building Construction - Site 6	Building Construction	4/13/2028	3/27/2029	5	249	Phase 3
30	Site Preparation - Site 3	Site Preparation	1/1/2029	1/2/2029	5	2	Phase 3
31	Grading - Site 3	Grading	1/3/2029	1/8/2029	5	4	Phase 3
32	Building Construction - Site 3	Building Construction	1/9/2029	11/26/2029	5	230	Phase 3
33	Paving - Site 6	Paving	3/28/2029	4/12/2029	5	12	Phase 3
34	Architectural Coating - Site 6	Architectural Coating	4/13/2029	4/30/2029	5	12	Phase 3
35	Paving - Site 3	Paving	11/27/2029	12/12/2029	5	12	Phase 3
36	Architectural Coating - Site 3	Architectural Coating	12/13/2029	12/28/2029	5	12	Phase 3

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 1.75

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 75,000; Non-Residential Outdoor: 25,000; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition - Site 1	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition - Site 1	Excavators	0	0.00	158	0.38
Demolition - Site 1	Rubber Tired Dozers	1	8.00	247	0.40
Demolition - Site 1	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Demolition - Site 2	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition - Site 2	Excavators	0	0.00	158	0.38
Demolition - Site 2	Rubber Tired Dozers	1	1.00	247	0.40
Demolition - Site 2	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Site Preparation - Site 1	Graders	1	8.00	187	0.41
Site Preparation - Site 1	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation - Site 1	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading - Site 1	Excavators	0	0.00	158	0.38
Grading - Site 1	Graders	1	6.00	187	0.41
Grading - Site 1	Rubber Tired Dozers	1	6.00	247	0.40

Grading - Site 1	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading - Site 1	Trenchers	1	8.00	78	0.50
Building Construction - Site 1	Cranes	1	6.00	231	0.29
Building Construction - Site 1	Cranes	1	6.00	350	0.29
Building Construction - Site 1	Forklifts	1	6.00	89	0.20
Building Construction - Site 1	Generator Sets	1	8.00	84	0.74
Building Construction - Site 1	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction - Site 1	Welders	3	8.00	46	0.45
Site Preparation - Site 2	Graders	1	8.00	187	0.41
Site Preparation - Site 2	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading - Site 2	Concrete/Industrial Saws	1	8.00	81	0.73
Grading - Site 2	Rubber Tired Dozers	1	1.00	247	0.40
Grading - Site 2	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading - Site 2	Trenchers	1	8.00	78	0.50
Building Construction - Site 2	Aerial Lifts	0		63	0.31
Building Construction - Site 2	Cranes	1	4.00	231	0.29
Building Construction - Site 2	Forklifts	2	6.00	89	0.20
Building Construction - Site 2	Generator Sets	0	0.00	97	0.37
Building Construction - Site 2	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - Site 2	Welders	0	0.00	46	0.45
Paving - Site 2	Cement and Mortar Mixers	4	6.00	9	0.56
Paving - Site 2	Pavers	1	7.00	130	0.42
Paving - Site 2	Paving Equipment	0	0.00	132	0.36
Paving - Site 2	Rollers	1	7.00	80	0.38
Paving - Site 2	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating - Site 2	Air Compressors	1	6.00	78	0.48
Demolition - Site 3	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition - Site 3	Excavators	0	0.00	158	0.38
Demolition - Site 3	Rubber Tired Dozers	1	1.00	247	0.40
Demolition - Site 3	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving - Site 1	Cement and Mortar Mixers	1	6.00	9	0.56
Paving - Site 1	Pavers	1	6.00	130	0.42

Paving - Site 1	Paving Equipment	1	8.00	132	0.36
Paving - Site 1	Rollers	1	7.00	80	0.38
Paving - Site 1	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Demolition - Site 4	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition - Site 4	Excavators	0	0.00	158	0.38
Demolition - Site 4	Rubber Tired Dozers	1	8.00	247	0.40
Demolition - Site 4	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Architectural Coating - Site 1	Air Compressors	1	6.00	78	0.48
Demolition - Site 5	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition - Site 5	Excavators	0	0.00	158	0.38
Demolition - Site 5	Rubber Tired Dozers	1	1.00	247	0.40
Demolition - Site 5	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Site Preparation - Site 5	Graders	1	8.00	187	0.41
Site Preparation - Site 5	Rubber Tired Dozers	0	0.00	247	0.40
Site Preparation - Site 5	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading - Site 5	Concrete/Industrial Saws	1	8.00	81	0.73
Grading - Site 5	Excavators	0	0.00	158	0.38
Grading - Site 5	Graders	0	0.00	187	0.41
Grading - Site 5	Rubber Tired Dozers	1	1.00	247	0.40
Grading - Site 5	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading - Site 5	Trenchers	1	8.00	78	0.50
Building Construction - Site 5	Cranes	1	4.00	231	0.29
Building Construction - Site 5	Cranes	1	6.00	350	0.29
Building Construction - Site 5	Forklifts	2	6.00	89	0.20
Building Construction - Site 5	Generator Sets	0	0.00	84	0.74
Building Construction - Site 5	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - Site 5	Welders	0	0.00	46	0.45
Site Preparation - Site 4	Graders	1	8.00	187	0.41
Site Preparation - Site 4	Rubber Tired Dozers	0	0.00	247	0.40
Site Preparation - Site 4	Scrapers	1	8.00	367	0.48
Site Preparation - Site 4	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading - Site 4	Excavators	0	0.00	158	0.38

Grading - Site 4	Graders	1	8.00	187	0.41
Grading - Site 4	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Site 4	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Grading - Site 4	Trenchers	1	8.00	78	0.50
Building Construction - Site 4	Cranes	1	8.00	231	0.29
Building Construction - Site 4	Cranes	1	6.00	350	0.29
Building Construction - Site 4	Forklifts	2	7.00	89	0.20
Building Construction - Site 4	Generator Sets	1	8.00	84	0.74
Building Construction - Site 4	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction - Site 4	Welders	3	8.00	46	0.45
Paving - Site 5	Cement and Mortar Mixers	4	6.00	9	0.56
Paving - Site 5	Pavers	1	7.00	130	0.42
Paving - Site 5	Paving Equipment	0	0.00	132	0.36
Paving - Site 5	Rollers	1	7.00	80	0.38
Paving - Site 5	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating - Site 5	Air Compressors	1	6.00	78	0.48
Paving - Site 4	Cement and Mortar Mixers	1	8.00	9	0.56
Paving - Site 4	Pavers	1	8.00	130	0.42
Paving - Site 4	Paving Equipment	1	8.00	132	0.36
Paving - Site 4	Rollers	2	8.00	80	0.38
Paving - Site 4	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating - Site 4	Air Compressors	1	6.00	78	0.48
Demolition - Site 6	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition - Site 6	Excavators	0	0.00	158	0.38
Demolition - Site 6	Rubber Tired Dozers	1	1.00	247	0.40
Demolition - Site 6	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Site Preparation - Site 6	Graders	1	8.00	187	0.41
Site Preparation - Site 6	Rubber Tired Dozers	0	0.00	247	0.40
Site Preparation - Site 6	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading - Site 6	Concrete/Industrial Saws	1	8.00	81	0.73
Grading - Site 6	Excavators	0	0.00	158	0.38
Grading - Site 6	Graders	0	0.00	187	0.41

Grading - Site 6	Rubber Tired Dozers	1	1.00	247	0.40
Grading - Site 6	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading - Site 6	Trenchers	1	8.00	78	0.50
Building Construction - Site 6	Cranes	1	4.00	231	0.29
Building Construction - Site 6	Cranes	1	6.00	350	0.29
Building Construction - Site 6	Forklifts	2	6.00	89	0.20
Building Construction - Site 6	Generator Sets	0	0.00	84	0.74
Building Construction - Site 6	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - Site 6	Welders	0	0.00	46	0.45
Site Preparation - Site 3	Graders	1	8.00	187	0.41
Site Preparation - Site 3	Rubber Tired Dozers	0	0.00	247	0.40
Site Preparation - Site 3	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading - Site 3	Concrete/Industrial Saws	1	8.00	81	0.73
Grading - Site 3	Excavators	0	0.00	158	0.38
Grading - Site 3	Graders	0	0.00	187	0.41
Grading - Site 3	Rubber Tired Dozers	1	1.00	247	0.40
Grading - Site 3	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading - Site 3	Trenchers	1	8.00	78	0.50
Building Construction - Site 3	Cranes	1	4.00	231	0.29
Building Construction - Site 3	Forklifts	2	6.00	89	0.20
Building Construction - Site 3	Generator Sets	0	0.00	84	0.74
Building Construction - Site 3	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - Site 3	Welders	0	0.00	46	0.45
Paving - Site 6	Cement and Mortar Mixers	4	6.00	9	0.56
Paving - Site 6	Pavers	1	7.00	130	0.42
Paving - Site 6	Paving Equipment	0	0.00	132	0.36
Paving - Site 6	Rollers	1	7.00	80	0.38
Paving - Site 6	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating - Site 6	Air Compressors	1	6.00	78	0.48
Paving - Site 3	Cement and Mortar Mixers	4	6.00	9	0.56
Paving - Site 3	Pavers	1	7.00	130	0.42
Paving - Site 3	Paving Equipment	0	0.00	132	0.36

Paving - Site 3	Rollers	1	7.00	80	0.38
Paving - Site 3	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating - Site 3	Air Compressors	1	6.00	78	0.48

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 - Site 1	5	13.00	0.00	96.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition - Site 2	4	10.00	0.00	22.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Site 1	3	8.00	0.00	2,969.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Site 1	4	10.00	0.00	5,938.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Site 1	8	169.00	71.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Site 2	2	5.00	0.00	48.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Site 2	5	13.00	0.00	48.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Site 2	5	17.00	9.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Site 2	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Site 2	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition - Site 3	4	10.00	0.00	383.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Site 1	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition - Site 4	5	13.00	0.00	548.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Site 1	1	34.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition - Site 5	4	10.00	0.00	609.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Site 5	2	5.00	0.00	439.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Site 5	5	13.00	0.00	878.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Site 5	6	98.00	38.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Site 4	3	8.00	0.00	651.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Site 4	5	13.00	0.00	1,303.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Site 4	9	57.00	29.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Site 5	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Site 5	1	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Site 4	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Architectural Coating - Site 4	1	11.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition - Site 6	4	10.00	0.00	25.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Site 6	2	5.00	0.00	503.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Site 6	5	13.00	0.00	1,005.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Site 6	6	51.00	20.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Site 3	2	5.00	0.00	169.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Site 3	5	13.00	0.00	337.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Site 3	5	24.00	12.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Site 6	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Site 6	1	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Site 3	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Site 2	1	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - Site 1 - 2020

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					0.3180	0.0000	0.3180	0.0482	0.0000	0.0482			0.0000			0.0000
Off-Road	2.1262	20.9463	14.6573	0.0241		1.1525	1.1525		1.0761	1.0761		2,322.3127	2,322.3127	0.5970		2,337.2363
Total	2.1262	20.9463	14.6573	0.0241	0.3180	1.1525	1.4705	0.0482	1.0761	1.1243		2,322.3127	2,322.3127	0.5970		2,337.2363

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	0.0129	0.4247	0.0941	1.1700e-003	0.0258	1.3600e-003	0.0272	7.0800e-003	1.3000e-003	8.3800e-003		126.3998	126.3998	8.6000e-003		126.6149
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	0.0598	0.0426	0.5692	1.5400e-003	0.1453	1.2100e-003	0.1465	0.0385	1.1200e-003	0.0397		152.8947	152.8947	4.8200e-003		153.0152
Total	0.0727	0.4672	0.6633	2.7100e-003	0.1711	2.5700e-003	0.1737	0.0456	2.4200e-003	0.0480		279.2945	279.2945	0.0134		279.6301

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					0.1240	0.0000	0.1240	0.0188	0.0000	0.0188			0.0000			0.0000
Off-Road	2.1262	20.9463	14.6573	0.0241		1.1525	1.1525		1.0761	1.0761	0.0000	2,322.3127	2,322.3127	0.5970		2,337.2363
Total	2.1262	20.9463	14.6573	0.0241	0.1240	1.1525	1.2765	0.0188	1.0761	1.0949	0.0000	2,322.3127	2,322.3127	0.5970		2,337.2363

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	0.0129	0.4247	0.0941	1.1700e-003	0.0258	1.3600e-003	0.0272	7.0800e-003	1.3000e-003	8.3800e-003		126.3998	126.3998	8.6000e-003		126.6149

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	0.0598	0.0426	0.5692	1.5400e-003	0.1453	1.2100e-003	0.1465	0.0385	1.1200e-003	0.0397		152.8947	152.8947	4.8200e-003		153.0152
Total	0.0727	0.4672	0.6633	2.7100e-003	0.1711	2.5700e-003	0.1737	0.0456	2.4200e-003	0.0480		279.2945	279.2945	0.0134		279.6301

3.3 Site Preparation - Site 1 - 2020

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					2.2364	0.0000	2.2364	1.1771	0.0000	1.1771			0.0000				0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553		1,667.4119	1,667.4119	0.5393			1,680.8937
Total	1.6299	18.3464	7.7093	0.0172	2.2364	0.8210	3.0573	1.1771	0.7553	1.9324		1,667.4119	1,667.4119	0.5393			1,680.8937

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.0374	34.1483	7.5670	0.0938	2.0765	0.1090	2.1855	0.5692	0.1043	0.6735		10,163.8587	10,163.8587	0.6918		10,181.1541
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	0.0368	0.0262	0.3503	9.4000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		94.0890	94.0890	2.9700e-003		94.1632
Total	1.0742	34.1745	7.9172	0.0947	2.1659	0.1097	2.2756	0.5929	0.1050	0.6979		10,257.9477	10,257.9477	0.6948		10,275.3173

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					0.8722	0.0000	0.8722	0.4591	0.0000	0.4591			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553	0.0000	1,667.4119	1,667.4119	0.5393		1,680.8937
Total	1.6299	18.3464	7.7093	0.0172	0.8722	0.8210	1.6931	0.4591	0.7553	1.2144	0.0000	1,667.4119	1,667.4119	0.5393		1,680.8937

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.0374	34.1483	7.5670	0.0938	2.0765	0.1090	2.1855	0.5692	0.1043	0.6735		10,163.8587	10,163.8587	0.6918		10,181.1541
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	0.0368	0.0262	0.3503	9.4000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		94.0890	94.0890	2.9700e-003		94.1632
Total	1.0742	34.1745	7.9172	0.0947	2.1659	0.1097	2.2756	0.5929	0.1050	0.6979		10,257.9477	10,257.9477	0.6948		10,275.3173

3.4 Grading - Site 1 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.2867	0.0000	1.2867	0.6740	0.0000	0.6740			0.0000			0.0000

Off-Road	1.7695	18.8819	9.0906	0.0175		0.9686	0.9686		0.8911	0.8911		1,692.5304	1,692.5304	0.5474		1,706.2154
Total	1.7695	18.8819	9.0906	0.0175	1.2867	0.9686	2.2553	0.6740	0.8911	1.5652		1,692.5304	1,692.5304	0.5474		1,706.2154

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	0.6916	22.7656	5.0446	0.0625	1.3843	0.0727	1.4570	0.3795	0.0695	0.4490		6,775.9058	6,775.9058	0.4612		6,787.4361
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	0.0460	0.0327	0.4378	1.1800e-003	0.1118	9.3000e-004	0.1127	0.0296	8.6000e-004	0.0305		117.6113	117.6113	3.7100e-003		117.7040
Total	0.7376	22.7983	5.4825	0.0637	1.4961	0.0736	1.5697	0.4091	0.0704	0.4795		6,893.5171	6,893.5171	0.4649		6,905.1400

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					0.5018	0.0000	0.5018	0.2629	0.0000	0.2629			0.0000			0.0000
Off-Road	1.7695	18.8819	9.0906	0.0175		0.9686	0.9686		0.8911	0.8911	0.0000	1,692.5304	1,692.5304	0.5474		1,706.2154
Total	1.7695	18.8819	9.0906	0.0175	0.5018	0.9686	1.4704	0.2629	0.8911	1.1540	0.0000	1,692.5304	1,692.5304	0.5474		1,706.2154

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	0.6916	22.7656	5.0446	0.0625	1.3843	0.0727	1.4570	0.3795	0.0695	0.4490		6,775.9058	6,775.9058	0.4612		6,787.4361
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	0.0460	0.0327	0.4378	1.1800e-003	0.1118	9.3000e-004	0.1127	0.0296	8.6000e-004	0.0305		117.6113	117.6113	3.7100e-003		117.7040
Total	0.7376	22.7983	5.4825	0.0637	1.4961	0.0736	1.5697	0.4091	0.0704	0.4795		6,893.5171	6,893.5171	0.4649		6,905.1400

3.5 Demolition - Site 2 - 2020
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					0.1149	0.0000	0.1149	0.0174	0.0000	0.0174			0.0000			0.0000
Off-Road	0.8674	7.8729	7.6226	0.0120		0.4672	0.4672		0.4457	0.4457		1,147.2352	1,147.2352	0.2169		1,152.6578
Total	0.8674	7.8729	7.6226	0.0120	0.1149	0.4672	0.5821	0.0174	0.4457	0.4631		1,147.2352	1,147.2352	0.2169		1,152.6578

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	4.5800e-003	0.1506	0.0334	4.1000e-004	9.1600e-003	4.8000e-004	9.6400e-003	2.5100e-003	4.6000e-004	2.9700e-003		44.8293	44.8293	3.0500e-003		44.9056

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	0.0460	0.0327	0.4378	1.1800e-003	0.1118	9.3000e-004	0.1127	0.0296	8.6000e-004	0.0305		117.6113	117.6113	3.7100e-003		117.7040
Total	0.0506	0.1834	0.4712	1.5900e-003	0.1209	1.4100e-003	0.1224	0.0322	1.3200e-003	0.0335		162.4406	162.4406	6.7600e-003		162.6096

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					0.0448	0.0000	0.0448	6.7900e-003	0.0000	6.7900e-003			0.0000			0.0000
Off-Road	0.8674	7.8729	7.6226	0.0120		0.4672	0.4672		0.4457	0.4457	0.0000	1,147.2352	1,147.2352	0.2169		1,152.6578
Total	0.8674	7.8729	7.6226	0.0120	0.0448	0.4672	0.5120	6.7900e-003	0.4457	0.4525	0.0000	1,147.2352	1,147.2352	0.2169		1,152.6578

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	4.5800e-003	0.1506	0.0334	4.1000e-004	9.1600e-003	4.8000e-004	9.6400e-003	2.5100e-003	4.6000e-004	2.9700e-003		44.8293	44.8293	3.0500e-003		44.9056
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	0.0460	0.0327	0.4378	1.1800e-003	0.1118	9.3000e-004	0.1127	0.0296	8.6000e-004	0.0305		117.6113	117.6113	3.7100e-003		117.7040
Total	0.0506	0.1834	0.4712	1.5900e-003	0.1209	1.4100e-003	0.1224	0.0322	1.3200e-003	0.0335		162.4406	162.4406	6.7600e-003		162.6096

3.6 Building Construction - Site 1 - 2020

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	2.4610	19.9740	16.7599	0.0286		1.0038	1.0038		0.9601	0.9601		2,635.6229	2,635.6229	0.5767		2,650.0401
Total	2.4610	19.9740	16.7599	0.0286		1.0038	1.0038		0.9601	0.9601		2,635.6229	2,635.6229	0.5767		2,650.0401

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	0.2525	7.5525	1.9788	0.0184	0.4545	0.0356	0.4901	0.1309	0.0340	0.1649		1,966.8753	1,966.8753	0.1200		1,969.8760
Worker	0.7777	0.5533	7.3996	0.0200	1.8890	0.0158	1.9048	0.5010	0.0146	0.5155		1,987.6308	1,987.6308	0.0627		1,989.1974
Total	1.0303	8.1057	9.3784	0.0384	2.3436	0.0513	2.3949	0.6319	0.0486	0.6804		3,954.5061	3,954.5061	0.1827		3,959.0734

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	2.4610	19.9740	16.7599	0.0286		1.0038	1.0038		0.9601	0.9601	0.0000	2,635.6229	2,635.6229	0.5767		2,650.0401

Total	2.4610	19.9740	16.7599	0.0286		1.0038	1.0038		0.9601	0.9601	0.0000	2,635.6229	2,635.6229	0.5767		2,650.0401
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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	0.2525	7.5525	1.9788	0.0184	0.4545	0.0356	0.4901	0.1309	0.0340	0.1649		1,966.8753	1,966.8753	0.1200		1,969.8760
Worker	0.7777	0.5533	7.3996	0.0200	1.8890	0.0158	1.9048	0.5010	0.0146	0.5155		1,987.6308	1,987.6308	0.0627		1,989.1974
Total	1.0303	8.1057	9.3784	0.0384	2.3436	0.0513	2.3949	0.6319	0.0486	0.6804		3,954.5061	3,954.5061	0.1827		3,959.0734

3.6 Building Construction - Site 1 - 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	2.2091	18.2581	16.1865	0.0286		0.8703	0.8703		0.8319	0.8319		2,635.5457	2,635.5457	0.5624		2,649.6062
Total	2.2091	18.2581	16.1865	0.0286		0.8703	0.8703		0.8319	0.8319		2,635.5457	2,635.5457	0.5624		2,649.6062

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	0.2158	6.8934	1.8021	0.0183	0.4546	0.0141	0.4687	0.1309	0.0135	0.1444		1,951.6525	1,951.6525	0.1150		1,954.5269
Worker	0.7244	0.4979	6.8069	0.0193	1.8890	0.0153	1.9043	0.5010	0.0141	0.5150		1,924.5211	1,924.5211	0.0567		1,925.9387
Total	0.9402	7.3913	8.6090	0.0376	2.3436	0.0294	2.3729	0.6319	0.0275	0.6594		3,876.1735	3,876.1735	0.1717		3,880.4656

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	2.2091	18.2581	16.1865	0.0286		0.8703	0.8703		0.8319	0.8319	0.0000	2,635.5457	2,635.5457	0.5624		2,649.6062
Total	2.2091	18.2581	16.1865	0.0286		0.8703	0.8703		0.8319	0.8319	0.0000	2,635.5457	2,635.5457	0.5624		2,649.6062

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	0.2158	6.8934	1.8021	0.0183	0.4546	0.0141	0.4687	0.1309	0.0135	0.1444		1,951.6525	1,951.6525	0.1150		1,954.5269
Worker	0.7244	0.4979	6.8069	0.0193	1.8890	0.0153	1.9043	0.5010	0.0141	0.5150		1,924.5211	1,924.5211	0.0567		1,925.9387
Total	0.9402	7.3913	8.6090	0.0376	2.3436	0.0294	2.3729	0.6319	0.0275	0.6594		3,876.1735	3,876.1735	0.1717		3,880.4656

3.6 Building Construction - Site 1 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9990	16.3882	15.6963	0.0286		0.7464	0.7464		0.7137	0.7137		2,635.4998	2,635.4998	0.5536		2,649.3408
Total	1.9990	16.3882	15.6963	0.0286		0.7464	0.7464		0.7137	0.7137		2,635.4998	2,635.4998	0.5536		2,649.3408

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	0.2026	6.5555	1.7051	0.0181	0.4546	0.0123	0.4669	0.1309	0.0118	0.1427		1,934.6498	1,934.6498	0.1110		1,937.4254
Worker	0.6786	0.4498	6.2801	0.0186	1.8890	0.0148	1.9038	0.5010	0.0136	0.5146		1,856.8238	1,856.8238	0.0513		1,858.1050
Total	0.8811	7.0052	7.9851	0.0367	2.3436	0.0271	2.3707	0.6319	0.0254	0.6573		3,791.4736	3,791.4736	0.1623		3,795.5304

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9990	16.3882	15.6963	0.0286		0.7464	0.7464		0.7137	0.7137	0.0000	2,635.4998	2,635.4998	0.5536		2,649.3408
Total	1.9990	16.3882	15.6963	0.0286		0.7464	0.7464		0.7137	0.7137	0.0000	2,635.4998	2,635.4998	0.5536		2,649.3408

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	0.2026	6.5555	1.7051	0.0181	0.4546	0.0123	0.4669	0.1309	0.0118	0.1427		1,934.6498	1,934.6498	0.1110		1,937.4254
Worker	0.6786	0.4498	6.2801	0.0186	1.8890	0.0148	1.9038	0.5010	0.0136	0.5146		1,856.8238	1,856.8238	0.0513		1,858.1050
Total	0.8811	7.0052	7.9851	0.0367	2.3436	0.0271	2.3707	0.6319	0.0254	0.6573		3,791.4736	3,791.4736	0.1623		3,795.5304

3.7 Site Preparation - Site 2 - 2020

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					0.1433	0.0000	0.1433	0.0159	0.0000	0.0159			0.0000			0.0000

Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085		943.4872	943.4872	0.3051		951.1158
Total	0.6853	8.4307	4.0942	9.7400e-003	0.1433	0.3353	0.4787	0.0159	0.3085	0.3245		943.4872	943.4872	0.3051		951.1158

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	0.1048	3.4505	0.7646	9.4800e-003	0.2098	0.0110	0.2208	0.0575	0.0105	0.0681		1,026.9982	1,026.9982	0.0699		1,028.7458
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	0.0230	0.0164	0.2189	5.9000e-004	0.0559	4.7000e-004	0.0564	0.0148	4.3000e-004	0.0153		58.8056	58.8056	1.8500e-003		58.8520
Total	0.1278	3.4669	0.9835	0.0101	0.2657	0.0115	0.2772	0.0723	0.0110	0.0833		1,085.8038	1,085.8038	0.0718		1,087.5978

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					0.0559	0.0000	0.0559	6.2200e-003	0.0000	6.2200e-003			0.0000			0.0000
Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085	0.0000	943.4872	943.4872	0.3051		951.1158
Total	0.6853	8.4307	4.0942	9.7400e-003	0.0559	0.3353	0.3912	6.2200e-003	0.3085	0.3147	0.0000	943.4872	943.4872	0.3051		951.1158

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	0.1048	3.4505	0.7646	9.4800e-003	0.2098	0.0110	0.2208	0.0575	0.0105	0.0681		1,026.9982	1,026.9982	0.0699		1,028.7458
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	0.0230	0.0164	0.2189	5.9000e-004	0.0559	4.7000e-004	0.0564	0.0148	4.3000e-004	0.0153		58.8056	58.8056	1.8500e-003		58.8520
Total	0.1278	3.4669	0.9835	0.0101	0.2657	0.0115	0.2772	0.0723	0.0110	0.0833		1,085.8038	1,085.8038	0.0718		1,087.5978

3.8 Grading - Site 2 - 2020
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					0.7599	0.0000	0.7599	0.4149	0.0000	0.4149			0.0000			0.0000
Off-Road	1.2871	11.6694	10.2589	0.0154		0.7514	0.7514		0.7072	0.7072		1,474.0473	1,474.0473	0.3226		1,482.1123
Total	1.2871	11.6694	10.2589	0.0154	0.7599	0.7514	1.5114	0.4149	0.7072	1.1220		1,474.0473	1,474.0473	0.3226		1,482.1123

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	0.0699	2.3003	0.5097	6.3200e-003	0.1399	7.3400e-003	0.1472	0.0383	7.0200e-003	0.0454		684.6655	684.6655	0.0466		685.8305

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	0.0598	0.0426	0.5692	1.5400e-003	0.1453	1.2100e-003	0.1465	0.0385	1.1200e-003	0.0397		152.8947	152.8947	4.8200e-003		153.0152
Total	0.1297	2.3429	1.0789	7.8600e-003	0.2852	8.5500e-003	0.2937	0.0769	8.1400e-003	0.0850		837.5601	837.5601	0.0514		838.8457

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					0.2964	0.0000	0.2964	0.1618	0.0000	0.1618			0.0000			0.0000
Off-Road	1.2871	11.6694	10.2589	0.0154		0.7514	0.7514		0.7072	0.7072	0.0000	1,474.0473	1,474.0473	0.3226		1,482.1123
Total	1.2871	11.6694	10.2589	0.0154	0.2964	0.7514	1.0478	0.1618	0.7072	0.8690	0.0000	1,474.0473	1,474.0473	0.3226		1,482.1123

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	0.0699	2.3003	0.5097	6.3200e-003	0.1399	7.3400e-003	0.1472	0.0383	7.0200e-003	0.0454		684.6655	684.6655	0.0466		685.8305
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	0.0598	0.0426	0.5692	1.5400e-003	0.1453	1.2100e-003	0.1465	0.0385	1.1200e-003	0.0397		152.8947	152.8947	4.8200e-003		153.0152
Total	0.1297	2.3429	1.0789	7.8600e-003	0.2852	8.5500e-003	0.2937	0.0769	8.1400e-003	0.0850		837.5601	837.5601	0.0514		838.8457

3.9 Building Construction - Site 2 - 2020

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	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806		1,102.978 1	1,102.978 1	0.3567		1,111.896 2
Total	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806		1,102.978 1	1,102.978 1	0.3567		1,111.896 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0320	0.9574	0.2508	2.3300e-003	0.0576	4.5100e-003	0.0621	0.0166	4.3100e-003	0.0209		249.3222	249.3222	0.0152		249.7026
Worker	0.0782	0.0557	0.7443	2.0100e-003	0.1900	1.5900e-003	0.1916	0.0504	1.4600e-003	0.0519		199.9392	199.9392	6.3000e-003		200.0968
Total	0.1102	1.0130	0.9952	4.3400e-003	0.2476	6.1000e-003	0.2537	0.0670	5.7700e-003	0.0728		449.2614	449.2614	0.0215		449.7994

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	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806	0.0000	1,102.978 1	1,102.978 1	0.3567		1,111.896 2

Total	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806	0.0000	1,102.978 1	1,102.978 1	0.3567		1,111.896 2
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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	0.0320	0.9574	0.2508	2.3300e-003	0.0576	4.5100e-003	0.0621	0.0166	4.3100e-003	0.0209		249.3222	249.3222	0.0152		249.7026
Worker	0.0782	0.0557	0.7443	2.0100e-003	0.1900	1.5900e-003	0.1916	0.0504	1.4600e-003	0.0519		199.9392	199.9392	6.3000e-003		200.0968
Total	0.1102	1.0130	0.9952	4.3400e-003	0.2476	6.1000e-003	0.2537	0.0670	5.7700e-003	0.0728		449.2614	449.2614	0.0215		449.7994

3.9 Building Construction - Site 2 - 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		1,103.215 8	1,103.215 8	0.3568		1,112.135 8
Total	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.215 8	1,103.215 8	0.3568		1,112.135 8

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	0.0274	0.8738	0.2284	2.3100e-003	0.0576	1.7900e-003	0.0594	0.0166	1.7100e-003	0.0183		247.3926	247.3926	0.0146		247.7569
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	0.1002	0.9239	0.9132	4.2500e-003	0.2476	3.3300e-003	0.2510	0.0670	3.1200e-003	0.0701		440.9834	440.9834	0.0203		441.4904

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

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	0.0274	0.8738	0.2284	2.3100e-003	0.0576	1.7900e-003	0.0594	0.0166	1.7100e-003	0.0183		247.3926	247.3926	0.0146		247.7569
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	0.1002	0.9239	0.9132	4.2500e-003	0.2476	3.3300e-003	0.2510	0.0670	3.1200e-003	0.0701		440.9834	440.9834	0.0203		441.4904

3.9 Building Construction - Site 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6863	7.0258	7.1527	0.0114		0.3719	0.3719		0.3422	0.3422		1,103.9393	1,103.9393	0.3570		1,112.8652
Total	0.6863	7.0258	7.1527	0.0114		0.3719	0.3719		0.3422	0.3422		1,103.9393	1,103.9393	0.3570		1,112.8652

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	0.0257	0.8310	0.2161	2.2900e-003	0.0576	1.5600e-003	0.0592	0.0166	1.4900e-003	0.0181		245.2373	245.2373	0.0141		245.5891
Worker	0.0683	0.0452	0.6317	1.8700e-003	0.1900	1.4900e-003	0.1915	0.0504	1.3700e-003	0.0518		186.7811	186.7811	5.1600e-003		186.9100
Total	0.0939	0.8762	0.8479	4.1600e-003	0.2476	3.0500e-003	0.2507	0.0670	2.8600e-003	0.0698		432.0184	432.0184	0.0192		432.4991

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	0.6863	7.0258	7.1527	0.0114		0.3719	0.3719		0.3422	0.3422	0.0000	1,103.9393	1,103.9393	0.3570		1,112.8652
Total	0.6863	7.0258	7.1527	0.0114		0.3719	0.3719		0.3422	0.3422	0.0000	1,103.9393	1,103.9393	0.3570		1,112.8652

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	0.0257	0.8310	0.2161	2.2900e-003	0.0576	1.5600e-003	0.0592	0.0166	1.4900e-003	0.0181		245.2373	245.2373	0.0141		245.5891
Worker	0.0683	0.0452	0.6317	1.8700e-003	0.1900	1.4900e-003	0.1915	0.0504	1.3700e-003	0.0518		186.7811	186.7811	5.1600e-003		186.9100
Total	0.0939	0.8762	0.8479	4.1600e-003	0.2476	3.0500e-003	0.2507	0.0670	2.8600e-003	0.0698		432.0184	432.0184	0.0192		432.4991

3.10 Paving - Site 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6469	5.9174	7.0348	0.0113		0.2961	0.2961		0.2758	0.2758		1,035.8246	1,035.8246	0.3017		1,043.3677

Paving	8.7300e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6557	5.9174	7.0348	0.0113		0.2961	0.2961		0.2758	0.2758		1,035.8246	1,035.8246	0.3017		1,043.3677

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	0.0723	0.0479	0.6689	1.9800e-003	0.2012	1.5700e-003	0.2028	0.0534	1.4500e-003	0.0548		197.7682	197.7682	5.4600e-003		197.9047
Total	0.0723	0.0479	0.6689	1.9800e-003	0.2012	1.5700e-003	0.2028	0.0534	1.4500e-003	0.0548		197.7682	197.7682	5.4600e-003		197.9047

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	0.6469	5.9174	7.0348	0.0113		0.2961	0.2961		0.2758	0.2758	0.0000	1,035.8246	1,035.8246	0.3017		1,043.3677
Paving	8.7300e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6557	5.9174	7.0348	0.0113		0.2961	0.2961		0.2758	0.2758	0.0000	1,035.8246	1,035.8246	0.3017		1,043.3677

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	0.0723	0.0479	0.6689	1.9800e-003	0.2012	1.5700e-003	0.2028	0.0534	1.4500e-003	0.0548		197.7682	197.7682	5.4600e-003		197.9047
Total	0.0723	0.0479	0.6689	1.9800e-003	0.2012	1.5700e-003	0.2028	0.0534	1.4500e-003	0.0548		197.7682	197.7682	5.4600e-003		197.9047

3.11 Architectural Coating - Site 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	19.3570					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	19.5615	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

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	0.0121	7.9800e-003	0.1115	3.3000e-004	0.0335	2.6000e-004	0.0338	8.8900e-003	2.4000e-004	9.1300e-003		32.9614	32.9614	9.1000e-004		32.9841
Total	0.0121	7.9800e-003	0.1115	3.3000e-004	0.0335	2.6000e-004	0.0338	8.8900e-003	2.4000e-004	9.1300e-003		32.9614	32.9614	9.1000e-004		32.9841

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	19.3570					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	19.5615	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062

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	0.0121	7.9800e-003	0.1115	3.3000e-004	0.0335	2.6000e-004	0.0338	8.8900e-003	2.4000e-004	9.1300e-003		32.9614	32.9614	9.1000e-004		32.9841
Total	0.0121	7.9800e-003	0.1115	3.3000e-004	0.0335	2.6000e-004	0.0338	8.8900e-003	2.4000e-004	9.1300e-003		32.9614	32.9614	9.1000e-004		32.9841

3.12 Demolition - Site 3 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3178	0.0000	0.3178	0.0481	0.0000	0.0481			0.0000			0.0000
Off-Road	0.7094	6.4138	7.4693	0.0120		0.3375	0.3375		0.3225	0.3225		1,147.9025	1,147.9025	0.2119		1,153.2001
Total	0.7094	6.4138	7.4693	0.0120	0.3178	0.3375	0.6553	0.0481	0.3225	0.3707		1,147.9025	1,147.9025	0.2119		1,153.2001

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	0.0116	0.3657	0.0914	1.1300e-003	0.0449	1.0500e-003	0.0460	0.0118	1.0000e-003	0.0128		122.7412	122.7412	8.3000e-003		122.9488
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	0.0402	0.0266	0.3716	1.1000e-003	0.1118	8.7000e-004	0.1127	0.0296	8.1000e-004	0.0305		109.8712	109.8712	3.0300e-003		109.9470
Total	0.0518	0.3923	0.4630	2.2300e-003	0.1567	1.9200e-003	0.1586	0.0414	1.8100e-003	0.0432		232.6125	232.6125	0.0113		232.8958

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					0.1239	0.0000	0.1239	0.0188	0.0000	0.0188			0.0000			0.0000

Off-Road	0.7094	6.4138	7.4693	0.0120		0.3375	0.3375		0.3225	0.3225	0.0000	1,147.9025	1,147.9025	0.2119		1,153.2001
Total	0.7094	6.4138	7.4693	0.0120	0.1239	0.3375	0.4615	0.0188	0.3225	0.3413	0.0000	1,147.9025	1,147.9025	0.2119		1,153.2001

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	0.0116	0.3657	0.0914	1.1300e-003	0.0449	1.0500e-003	0.0460	0.0118	1.0000e-003	0.0128		122.7412	122.7412	8.3000e-003		122.9488
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	0.0402	0.0266	0.3716	1.1000e-003	0.1118	8.7000e-004	0.1127	0.0296	8.1000e-004	0.0305		109.8712	109.8712	3.0300e-003		109.9470
Total	0.0518	0.3923	0.4630	2.2300e-003	0.1567	1.9200e-003	0.1586	0.0414	1.8100e-003	0.0432		232.6125	232.6125	0.0113		232.8958

3.12 Demolition - Site 3 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3178	0.0000	0.3178	0.0481	0.0000	0.0481			0.0000			0.0000
Off-Road	0.6463	5.7787	7.3926	0.0120		0.2821	0.2821		0.2698	0.2698		1,148.4055	1,148.4055	0.2089		1,153.6290
Total	0.6463	5.7787	7.3926	0.0120	0.3178	0.2821	0.5999	0.0481	0.2698	0.3179		1,148.4055	1,148.4055	0.2089		1,153.6290

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	7.6400e-003	0.2412	0.0834	1.0800e-003	0.0452	4.4000e-004	0.0457	0.0118	4.2000e-004	0.0123		117.6243	117.6243	7.7300e-003		117.8175
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	0.0377	0.0241	0.3422	1.0600e-003	0.1118	8.5000e-004	0.1126	0.0296	7.8000e-004	0.0304		105.8482	105.8482	2.7300e-003		105.9166
Total	0.0454	0.2653	0.4256	2.1400e-003	0.1570	1.2900e-003	0.1583	0.0415	1.2000e-003	0.0427		223.4725	223.4725	0.0105		223.7340

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					0.1239	0.0000	0.1239	0.0188	0.0000	0.0188			0.0000			0.0000
Off-Road	0.6463	5.7787	7.3926	0.0120		0.2821	0.2821		0.2698	0.2698	0.0000	1,148.4055	1,148.4055	0.2089		1,153.6290
Total	0.6463	5.7787	7.3926	0.0120	0.1239	0.2821	0.4061	0.0188	0.2698	0.2886	0.0000	1,148.4055	1,148.4055	0.2089		1,153.6290

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	7.6400e-003	0.2412	0.0834	1.0800e-003	0.0452	4.4000e-004	0.0457	0.0118	4.2000e-004	0.0123		117.6243	117.6243	7.7300e-003		117.8175

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	0.0377	0.0241	0.3422	1.0600e-003	0.1118	8.5000e-004	0.1126	0.0296	7.8000e-004	0.0304		105.8482	105.8482	2.7300e-003		105.9166
Total	0.0454	0.2653	0.4256	2.1400e-003	0.1570	1.2900e-003	0.1583	0.0415	1.2000e-003	0.0427		223.4725	223.4725	0.0105		223.7340

3.13 Paving - Site 1 - 2022
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6877	6.7738	8.8060	0.0135		0.3474	0.3474		0.3205	0.3205		1,297.3789	1,297.3789	0.4113		1,307.6608
Paving	5.7000e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6934	6.7738	8.8060	0.0135		0.3474	0.3474		0.3205	0.3205		1,297.3789	1,297.3789	0.4113		1,307.6608

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	0.0522	0.0346	0.4831	1.4300e-003	0.1453	1.1400e-003	0.1465	0.0385	1.0500e-003	0.0396		142.8326	142.8326	3.9400e-003		142.9312
Total	0.0522	0.0346	0.4831	1.4300e-003	0.1453	1.1400e-003	0.1465	0.0385	1.0500e-003	0.0396		142.8326	142.8326	3.9400e-003		142.9312

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	0.6877	6.7738	8.8060	0.0135		0.3474	0.3474		0.3205	0.3205	0.0000	1,297.3789	1,297.3789	0.4113		1,307.6608
Paving	5.7000e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6934	6.7738	8.8060	0.0135		0.3474	0.3474		0.3205	0.3205	0.0000	1,297.3789	1,297.3789	0.4113		1,307.6608

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	0.0522	0.0346	0.4831	1.4300e-003	0.1453	1.1400e-003	0.1465	0.0385	1.0500e-003	0.0396		142.8326	142.8326	3.9400e-003		142.9312
Total	0.0522	0.0346	0.4831	1.4300e-003	0.1453	1.1400e-003	0.1465	0.0385	1.0500e-003	0.0396		142.8326	142.8326	3.9400e-003		142.9312

3.14 Demolition - Site 4 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4945	0.0000	0.4945	0.0749	0.0000	0.0749			0.0000			0.0000

Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829		2,323.4168	2,323.4168	0.5921		2,338.2191
Total	1.6889	16.6217	13.9605	0.0241	0.4945	0.8379	1.3324	0.0749	0.7829	0.8578		2,323.4168	2,323.4168	0.5921		2,338.2191

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	0.0181	0.5690	0.1422	1.7600e-003	0.0756	1.6300e-003	0.0772	0.0197	1.5600e-003	0.0213		190.9860	190.9860	0.0129		191.3090
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	0.0522	0.0346	0.4831	1.4300e-003	0.1453	1.1400e-003	0.1465	0.0385	1.0500e-003	0.0396		142.8326	142.8326	3.9400e-003		142.9312
Total	0.0703	0.6036	0.6252	3.1900e-003	0.2209	2.7700e-003	0.2237	0.0582	2.6100e-003	0.0608		333.8186	333.8186	0.0169		334.2401

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					0.1928	0.0000	0.1928	0.0292	0.0000	0.0292			0.0000			0.0000
Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829	0.0000	2,323.4168	2,323.4168	0.5921		2,338.2191
Total	1.6889	16.6217	13.9605	0.0241	0.1928	0.8379	1.0307	0.0292	0.7829	0.8121	0.0000	2,323.4168	2,323.4168	0.5921		2,338.2191

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	0.0181	0.5690	0.1422	1.7600e-003	0.0756	1.6300e-003	0.0772	0.0197	1.5600e-003	0.0213		190.9860	190.9860	0.0129		191.3090
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	0.0522	0.0346	0.4831	1.4300e-003	0.1453	1.1400e-003	0.1465	0.0385	1.0500e-003	0.0396		142.8326	142.8326	3.9400e-003		142.9312
Total	0.0703	0.6036	0.6252	3.1900e-003	0.2209	2.7700e-003	0.2237	0.0582	2.6100e-003	0.0608		333.8186	333.8186	0.0169		334.2401

3.14 Demolition - Site 4 - 2023
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4945	0.0000	0.4945	0.0749	0.0000	0.0749			0.0000			0.0000
Off-Road	1.4725	14.3184	13.4577	0.0241		0.6766	0.6766		0.6328	0.6328		2,324.3959	2,324.3959	0.5893		2,339.1278
Total	1.4725	14.3184	13.4577	0.0241	0.4945	0.6766	1.1711	0.0749	0.6328	0.7076		2,324.3959	2,324.3959	0.5893		2,339.1278

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	0.0119	0.3754	0.1298	1.6800e-003	0.0655	6.8000e-004	0.0662	0.0172	6.5000e-004	0.0179		183.0240	183.0240	0.0120		183.3246

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	0.0490	0.0313	0.4449	1.3800e-003	0.1453	1.1100e-003	0.1464	0.0385	1.0200e-003	0.0396		137.6027	137.6027	3.5500e-003		137.6915
Total	0.0609	0.4067	0.5746	3.0600e-003	0.2108	1.7900e-003	0.2126	0.0558	1.6700e-003	0.0574		320.6266	320.6266	0.0156		321.0161

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					0.1928	0.0000	0.1928	0.0292	0.0000	0.0292			0.0000			0.0000
Off-Road	1.4725	14.3184	13.4577	0.0241		0.6766	0.6766		0.6328	0.6328	0.0000	2,324.3959	2,324.3959	0.5893		2,339.1278
Total	1.4725	14.3184	13.4577	0.0241	0.1928	0.6766	0.8695	0.0292	0.6328	0.6620	0.0000	2,324.3959	2,324.3959	0.5893		2,339.1278

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	0.0119	0.3754	0.1298	1.6800e-003	0.0655	6.8000e-004	0.0662	0.0172	6.5000e-004	0.0179		183.0240	183.0240	0.0120		183.3246
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	0.0490	0.0313	0.4449	1.3800e-003	0.1453	1.1100e-003	0.1464	0.0385	1.0200e-003	0.0396		137.6027	137.6027	3.5500e-003		137.6915
Total	0.0609	0.4067	0.5746	3.0600e-003	0.2108	1.7900e-003	0.2126	0.0558	1.6700e-003	0.0574		320.6266	320.6266	0.0156		321.0161

3.15 Architectural Coating - Site 1 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	36.4085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	36.6131	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

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	0.1365	0.0905	1.2635	3.7500e-003	0.3800	2.9700e-003	0.3830	0.1008	2.7400e-003	0.1035		373.5622	373.5622	0.0103		373.8200
Total	0.1365	0.0905	1.2635	3.7500e-003	0.3800	2.9700e-003	0.3830	0.1008	2.7400e-003	0.1035		373.5622	373.5622	0.0103		373.8200

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	36.4085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	36.6131	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062

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	0.1365	0.0905	1.2635	3.7500e-003	0.3800	2.9700e-003	0.3830	0.1008	2.7400e-003	0.1035		373.5622	373.5622	0.0103		373.8200
Total	0.1365	0.0905	1.2635	3.7500e-003	0.3800	2.9700e-003	0.3830	0.1008	2.7400e-003	0.1035		373.5622	373.5622	0.0103		373.8200

3.16 Demolition - Site 5 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.8674	0.0000	0.8674	0.1313	0.0000	0.1313			0.0000			0.0000
Off-Road	0.6156	5.4776	7.3949	0.0120		0.2504	0.2504		0.2392	0.2392		1,148.6874	1,148.6874	0.2080		1,153.8870
Total	0.6156	5.4776	7.3949	0.0120	0.8674	0.2504	1.1178	0.1313	0.2392	0.3705		1,148.6874	1,148.6874	0.2080		1,153.8870

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0209	0.6540	0.2302	2.9300e-003	0.0701	1.1800e-003	0.0713	0.0192	1.1300e-003	0.0203		319.6926	319.6926	0.0211		320.2201
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	0.0357	0.0220	0.3190	1.0300e-003	0.1118	8.4000e-004	0.1126	0.0296	7.7000e-004	0.0304		102.5678	102.5678	2.5100e-003		102.6305
Total	0.0566	0.6759	0.5492	3.9600e-003	0.1819	2.0200e-003	0.1839	0.0489	1.9000e-003	0.0508		422.2604	422.2604	0.0236		422.8506

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					0.3383	0.0000	0.3383	0.0512	0.0000	0.0512			0.0000			0.0000
Off-Road	0.6156	5.4776	7.3949	0.0120		0.2504	0.2504		0.2392	0.2392	0.0000	1,148.6874	1,148.6874	0.2080		1,153.8870
Total	0.6156	5.4776	7.3949	0.0120	0.3383	0.2504	0.5887	0.0512	0.2392	0.2904	0.0000	1,148.6874	1,148.6874	0.2080		1,153.8870

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0209	0.6540	0.2302	2.9300e-003	0.0701	1.1800e-003	0.0713	0.0192	1.1300e-003	0.0203		319.6926	319.6926	0.0211		320.2201

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	0.0357	0.0220	0.3190	1.0300e-003	0.1118	8.4000e-004	0.1126	0.0296	7.7000e-004	0.0304		102.5678	102.5678	2.5100e-003		102.6305
Total	0.0566	0.6759	0.5492	3.9600e-003	0.1819	2.0200e-003	0.1839	0.0489	1.9000e-003	0.0508		422.2604	422.2604	0.0236		422.8506

3.17 Site Preparation - Site 5 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3091	0.0000	0.3091	0.0391	0.0000	0.0391			0.0000			0.0000
Off-Road	0.4985	5.6040	3.8921	9.7300e-003		0.2012	0.2012		0.1851	0.1851		942.2742	942.2742	0.3048		949.8930
Total	0.4985	5.6040	3.8921	9.7300e-003	0.3091	0.2012	0.5103	0.0391	0.1851	0.2243		942.2742	942.2742	0.3048		949.8930

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.7637	23.8856	8.4085	0.1071	2.5591	0.0432	2.6023	0.7015	0.0413	0.7428		11,676.2152	11,676.2152	0.7706		11,695.4809
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	0.0178	0.0110	0.1595	5.1000e-004	0.0559	4.2000e-004	0.0563	0.0148	3.9000e-004	0.0152		51.2839	51.2839	1.2500e-003		51.3153
Total	0.7815	23.8966	8.5680	0.1076	2.6150	0.0436	2.6586	0.7163	0.0417	0.7580		11,727.4991	11,727.4991	0.7719		11,746.7961

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					0.1205	0.0000	0.1205	0.0153	0.0000	0.0153			0.0000			0.0000
Off-Road	0.4985	5.6040	3.8921	9.7300e-003		0.2012	0.2012		0.1851	0.1851	0.0000	942.2742	942.2742	0.3048		949.8930
Total	0.4985	5.6040	3.8921	9.7300e-003	0.1205	0.2012	0.3218	0.0153	0.1851	0.2004	0.0000	942.2742	942.2742	0.3048		949.8930

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.7637	23.8856	8.4085	0.1071	2.5591	0.0432	2.6023	0.7015	0.0413	0.7428		11,676.2152	11,676.2152	0.7706		11,695.4809
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	0.0178	0.0110	0.1595	5.1000e-004	0.0559	4.2000e-004	0.0563	0.0148	3.9000e-004	0.0152		51.2839	51.2839	1.2500e-003		51.3153
Total	0.7815	23.8966	8.5680	0.1076	2.6150	0.0436	2.6586	0.7163	0.0417	0.7580		11,727.4991	11,727.4991	0.7719		11,746.7961

3.18 Grading - Site 5 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.8662	0.0000	0.8662	0.4310	0.0000	0.4310			0.0000			0.0000

Off-Road	0.9557	8.6370	9.9870	0.0154		0.4690	0.4690		0.4403	0.4403		1,475.8474	1,475.8474	0.3138		1,483.6924
Total	0.9557	8.6370	9.9870	0.0154	0.8662	0.4690	1.3351	0.4310	0.4403	0.8712		1,475.8474	1,475.8474	0.3138		1,483.6924

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	0.6546	20.4733	7.2073	0.0918	2.1935	0.0370	2.2305	0.6013	0.0354	0.6367		10,008.1845	10,008.1845	0.6605		10,024.6979
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	0.0464	0.0286	0.4147	1.3400e-003	0.1453	1.0900e-003	0.1464	0.0385	1.0000e-003	0.0395		133.3382	133.3382	3.2600e-003		133.4197
Total	0.7010	20.5019	7.6220	0.0932	2.3388	0.0381	2.3769	0.6399	0.0364	0.6762		10,141.5226	10,141.5226	0.6638		10,158.1176

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					0.3378	0.0000	0.3378	0.1681	0.0000	0.1681			0.0000			0.0000
Off-Road	0.9557	8.6370	9.9870	0.0154		0.4690	0.4690		0.4403	0.4403	0.0000	1,475.8474	1,475.8474	0.3138		1,483.6923
Total	0.9557	8.6370	9.9870	0.0154	0.3378	0.4690	0.8068	0.1681	0.4403	0.6084	0.0000	1,475.8474	1,475.8474	0.3138		1,483.6923

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	0.6546	20.4733	7.2073	0.0918	2.1935	0.0370	2.2305	0.6013	0.0354	0.6367		10,008.1845	10,008.1845	0.6605		10,024.6979
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	0.0464	0.0286	0.4147	1.3400e-003	0.1453	1.0900e-003	0.1464	0.0385	1.0000e-003	0.0395		133.3382	133.3382	3.2600e-003		133.4197
Total	0.7010	20.5019	7.6220	0.0932	2.3388	0.0381	2.3769	0.6399	0.0364	0.6762		10,141.5226	10,141.5226	0.6638		10,158.1176

3.19 Building Construction - Site 5 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9045	9.1733	9.6623	0.0180		0.4117	0.4117		0.3788	0.3788		1,738.7869	1,738.7869	0.5624		1,752.8459
Total	0.9045	9.1733	9.6623	0.0180		0.4117	0.4117		0.3788	0.3788		1,738.7869	1,738.7869	0.5624		1,752.8459

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	0.0785	2.6520	0.7991	9.3200e-003	0.2433	3.0400e-003	0.2463	0.0701	2.9000e-003	0.0730		998.7784	998.7784	0.0519		1,000.0761
Worker	0.3496	0.2152	3.1264	0.0101	1.0954	8.2100e-003	1.1036	0.2905	7.5600e-003	0.2981		1,005.1647	1,005.1647	0.0246		1,005.7793
Total	0.4281	2.8672	3.9255	0.0194	1.3387	0.0113	1.3500	0.3606	0.0105	0.3710		2,003.9431	2,003.9431	0.0765		2,005.8553

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	0.9045	9.1733	9.6623	0.0180		0.4117	0.4117		0.3788	0.3788	0.0000	1,738.7869	1,738.7869	0.5624		1,752.8459
Total	0.9045	9.1733	9.6623	0.0180		0.4117	0.4117		0.3788	0.3788	0.0000	1,738.7869	1,738.7869	0.5624		1,752.8459

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	0.0785	2.6520	0.7991	9.3200e-003	0.2433	3.0400e-003	0.2463	0.0701	2.9000e-003	0.0730		998.7784	998.7784	0.0519		1,000.0761
Worker	0.3496	0.2152	3.1264	0.0101	1.0954	8.2100e-003	1.1036	0.2905	7.5600e-003	0.2981		1,005.1647	1,005.1647	0.0246		1,005.7793
Total	0.4281	2.8672	3.9255	0.0194	1.3387	0.0113	1.3500	0.3606	0.0105	0.3710		2,003.9431	2,003.9431	0.0765		2,005.8553

3.19 Building Construction - Site 5 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8442	8.3743	9.4901	0.0180		0.3593	0.3593		0.3305	0.3305		1,739.241 2	1,739.241 2	0.5625		1,753.303 9
Total	0.8442	8.3743	9.4901	0.0180		0.3593	0.3593		0.3305	0.3305		1,739.241 2	1,739.241 2	0.5625		1,753.303 9

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0765	2.6295	0.7785	9.2600e-003	0.2433	2.9900e-003	0.2463	0.0701	2.8600e-003	0.0729		993.2751	993.2751	0.0512		994.5545
Worker	0.3319	0.1969	2.9037	9.6900e-003	1.0954	8.0400e-003	1.1035	0.2905	7.4000e-003	0.2979		966.2163	966.2163	0.0224		966.7769
Total	0.4084	2.8264	3.6823	0.0190	1.3387	0.0110	1.3497	0.3606	0.0103	0.3708		1,959.491 4	1,959.491 4	0.0736		1,961.331 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					
Off-Road	0.8442	8.3743	9.4901	0.0180		0.3593	0.3593		0.3305	0.3305	0.0000	1,739.241 2	1,739.241 2	0.5625		1,753.303 9

Total	0.8442	8.3743	9.4901	0.0180		0.3593	0.3593		0.3305	0.3305	0.0000	1,739.241 2	1,739.241 2	0.5625		1,753.303 9
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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	0.0765	2.6295	0.7785	9.2600e-003	0.2433	2.9900e-003	0.2463	0.0701	2.8600e-003	0.0729		993.2751	993.2751	0.0512		994.5545
Worker	0.3319	0.1969	2.9037	9.6900e-003	1.0954	8.0400e-003	1.1035	0.2905	7.4000e-003	0.2979		966.2163	966.2163	0.0224		966.7769
Total	0.4084	2.8264	3.6823	0.0190	1.3387	0.0110	1.3497	0.3606	0.0103	0.3708		1,959.491 4	1,959.491 4	0.0736		1,961.331 4

3.20 Site Preparation - Site 4 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5361	0.0000	0.5361	0.0605	0.0000	0.0605			0.0000			0.0000
Off-Road	1.0985	10.9957	8.9257	0.0245		0.4094	0.4094		0.3766	0.3766		2,372.685 6	2,372.685 6	0.7674		2,391.870 0
Total	1.0985	10.9957	8.9257	0.0245	0.5361	0.4094	0.9455	0.0605	0.3766	0.4371		2,372.685 6	2,372.685 6	0.7674		2,391.870 0

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3380	10.4764	3.7685	0.0473	1.1385	0.0190	1.1575	0.3121	0.0181	0.3302		5,165.4074	5,165.4074	0.3426		5,173.9717
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	0.0271	0.0161	0.2370	7.9000e-004	0.0894	6.6000e-004	0.0901	0.0237	6.0000e-004	0.0243		78.8748	78.8748	1.8300e-003		78.9206
Total	0.3651	10.4925	4.0056	0.0481	1.2279	0.0196	1.2476	0.3358	0.0187	0.3546		5,244.2822	5,244.2822	0.3444		5,252.8923

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					0.2091	0.0000	0.2091	0.0236	0.0000	0.0236			0.0000			0.0000
Off-Road	1.0985	10.9957	8.9257	0.0245		0.4094	0.4094		0.3766	0.3766	0.0000	2,372.6856	2,372.6856	0.7674		2,391.8700
Total	1.0985	10.9957	8.9257	0.0245	0.2091	0.4094	0.6185	0.0236	0.3766	0.4002	0.0000	2,372.6856	2,372.6856	0.7674		2,391.8700

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	0.3380	10.4764	3.7685	0.0473	1.1385	0.0190	1.1575	0.3121	0.0181	0.3302		5,165.4074	5,165.4074	0.3426		5,173.9717

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	0.0271	0.0161	0.2370	7.9000e-004	0.0894	6.6000e-004	0.0901	0.0237	6.0000e-004	0.0243		78.8748	78.8748	1.8300e-003		78.9206
Total	0.3651	10.4925	4.0056	0.0481	1.2279	0.0196	1.2476	0.3358	0.0187	0.3546		5,244.2822	5,244.2822	0.3444		5,252.8923

3.21 Grading - Site 4 - 2025
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2516	0.0000	6.2516	3.3377	0.0000	3.3377			0.0000			0.0000
Off-Road	1.5044	15.3675	11.0624	0.0240		0.6921	0.6921		0.6367	0.6367		2,323.1426	2,323.1426	0.7514		2,341.9264
Total	1.5044	15.3675	11.0624	0.0240	6.2516	0.6921	6.9436	3.3377	0.6367	3.9744		2,323.1426	2,323.1426	0.7514		2,341.9264

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	0.3561	11.0362	3.9699	0.0499	1.1994	0.0200	1.2193	0.3288	0.0191	0.3479		5,441.4470	5,441.4470	0.3609		5,450.4691
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	0.0440	0.0261	0.3852	1.2900e-003	0.1453	1.0700e-003	0.1464	0.0385	9.8000e-004	0.0395		128.1716	128.1716	2.9700e-003		128.2459
Total	0.4001	11.0624	4.3551	0.0512	1.3447	0.0210	1.3657	0.3673	0.0201	0.3874		5,569.6186	5,569.6186	0.3639		5,578.7150

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					2.4381	0.0000	2.4381	1.3017	0.0000	1.3017			0.0000			0.0000
Off-Road	1.5044	15.3675	11.0624	0.0240		0.6921	0.6921		0.6367	0.6367	0.0000	2,323.1426	2,323.1426	0.7514		2,341.9264
Total	1.5044	15.3675	11.0624	0.0240	2.4381	0.6921	3.1302	1.3017	0.6367	1.9384	0.0000	2,323.1426	2,323.1426	0.7514		2,341.9264

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	0.3561	11.0362	3.9699	0.0499	1.1994	0.0200	1.2193	0.3288	0.0191	0.3479		5,441.4470	5,441.4470	0.3609		5,450.4691
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	0.0440	0.0261	0.3852	1.2900e-003	0.1453	1.0700e-003	0.1464	0.0385	9.8000e-004	0.0395		128.1716	128.1716	2.9700e-003		128.2459
Total	0.4001	11.0624	4.3551	0.0512	1.3447	0.0210	1.3657	0.3673	0.0201	0.3874		5,569.6186	5,569.6186	0.3639		5,578.7150

3.22 Building Construction - Site 4 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7829	14.9156	16.4691	0.0316		0.5880	0.5880		0.5584	0.5584		2,923.5600	2,923.5600	0.6249		2,939.1824

Total	1.7829	14.9156	16.4691	0.0316		0.5880	0.5880		0.5584	0.5584		2,923.560	2,923.560	0.6249		2,939.182
												0	0			4

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	0.0584	2.0067	0.5941	7.0700e-003	0.1857	2.2800e-003	0.1880	0.0535	2.1800e-003	0.0556		758.0257	758.0257	0.0391		759.0022
Worker	0.1931	0.1145	1.6889	5.6400e-003	0.6371	4.6800e-003	0.6418	0.1690	4.3000e-003	0.1733		561.9829	561.9829	0.0130		562.3090
Total	0.2515	2.1212	2.2830	0.0127	0.8228	6.9600e-003	0.8298	0.2224	6.4800e-003	0.2289		1,320.008	1,320.008	0.0521		1,321.311
												7	7			2

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7829	14.9156	16.4691	0.0316		0.5880	0.5880		0.5584	0.5584	0.0000	2,923.560	2,923.560	0.6249		2,939.182
Total	1.7829	14.9156	16.4691	0.0316		0.5880	0.5880		0.5584	0.5584	0.0000	2,923.560	2,923.560	0.6249		2,939.182
												0	0			4

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	0.0584	2.0067	0.5941	7.0700e-003	0.1857	2.2800e-003	0.1880	0.0535	2.1800e-003	0.0556		758.0257	758.0257	0.0391		759.0022
Worker	0.1931	0.1145	1.6889	5.6400e-003	0.6371	4.6800e-003	0.6418	0.1690	4.3000e-003	0.1733		561.9829	561.9829	0.0130		562.3090
Total	0.2515	2.1212	2.2830	0.0127	0.8228	6.9600e-003	0.8298	0.2224	6.4800e-003	0.2289		1,320.0087	1,320.0087	0.0521		1,321.3112

3.22 Building Construction - Site 4 - 2026
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7829	14.9156	16.4691	0.0316		0.5880	0.5880		0.5584	0.5584		2,923.5600	2,923.5600	0.6249		2,939.1824
Total	1.7829	14.9156	16.4691	0.0316		0.5880	0.5880		0.5584	0.5584		2,923.5600	2,923.5600	0.6249		2,939.1824

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	0.0571	1.9881	0.5822	7.0200e-003	0.1857	2.2400e-003	0.1879	0.0535	2.1400e-003	0.0556		753.9927	753.9927	0.0385		754.9553
Worker	0.1842	0.1055	1.5793	5.4400e-003	0.6371	4.5200e-003	0.6416	0.1690	4.1600e-003	0.1731		542.4574	542.4574	0.0120		542.7564
Total	0.2413	2.0936	2.1615	0.0125	0.8228	6.7600e-003	0.8296	0.2224	6.3000e-003	0.2287		1,296.4501	1,296.4501	0.0505		1,297.7117

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7829	14.9156	16.4691	0.0316		0.5880	0.5880		0.5584	0.5584	0.0000	2,923.5600	2,923.5600	0.6249		2,939.1824
Total	1.7829	14.9156	16.4691	0.0316		0.5880	0.5880		0.5584	0.5584	0.0000	2,923.5600	2,923.5600	0.6249		2,939.1824

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	0.0571	1.9881	0.5822	7.0200e-003	0.1857	2.2400e-003	0.1879	0.0535	2.1400e-003	0.0556		753.9927	753.9927	0.0385		754.9553
Worker	0.1842	0.1055	1.5793	5.4400e-003	0.6371	4.5200e-003	0.6416	0.1690	4.1600e-003	0.1731		542.4574	542.4574	0.0120		542.7564
Total	0.2413	2.0936	2.1615	0.0125	0.8228	6.7600e-003	0.8296	0.2224	6.3000e-003	0.2287		1,296.4501	1,296.4501	0.0505		1,297.7117

3.22 Building Construction - Site 4 - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7829	14.9156	16.4691	0.0316		0.5880	0.5880		0.5584	0.5584		2,923.5600	2,923.5600	0.6249		2,939.1824
Total	1.7829	14.9156	16.4691	0.0316		0.5880	0.5880		0.5584	0.5584		2,923.5600	2,923.5600	0.6249		2,939.1824

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	0.0560	1.9702	0.5725	6.9900e-003	0.1857	2.2000e-003	0.1879	0.0535	2.1000e-003	0.0556		750.3841	750.3841	0.0380		751.3329
Worker	0.1756	0.0973	1.4811	5.2700e-003	0.6371	4.2700e-003	0.6414	0.1690	3.9300e-003	0.1729		525.1729	525.1729	0.0110		525.4474
Total	0.2316	2.0675	2.0536	0.0123	0.8228	6.4700e-003	0.8293	0.2224	6.0300e-003	0.2285		1,275.5570	1,275.5570	0.0489		1,276.7803

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7829	14.9156	16.4691	0.0316		0.5880	0.5880		0.5584	0.5584	0.0000	2,923.5600	2,923.5600	0.6249		2,939.1824

Total	1.7829	14.9156	16.4691	0.0316		0.5880	0.5880		0.5584	0.5584	0.0000	2,923.5600	2,923.5600	0.6249		2,939.1824
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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	0.0560	1.9702	0.5725	6.9900e-003	0.1857	2.2000e-003	0.1879	0.0535	2.1000e-003	0.0556		750.3841	750.3841	0.0380		751.3329
Worker	0.1756	0.0973	1.4811	5.2700e-003	0.6371	4.2700e-003	0.6414	0.1690	3.9300e-003	0.1729		525.1729	525.1729	0.0110		525.4474
Total	0.2316	2.0675	2.0536	0.0123	0.8228	6.4700e-003	0.8293	0.2224	6.0300e-003	0.2285		1,275.5570	1,275.5570	0.0489		1,276.7803

3.23 Paving - Site 5 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.2711	1,036.2711	0.3019		1,043.8179
Paving	8.1900e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5720	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.2711	1,036.2711	0.3019		1,043.8179

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
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	0.0610	0.0362	0.5333	1.7800e-003	0.2012	1.4800e-003	0.2027	0.0534	1.3600e-003	0.0547		177.4683	177.4683	4.1200e-003		177.5713
Total	0.0610	0.0362	0.5333	1.7800e-003	0.2012	1.4800e-003	0.2027	0.0534	1.3600e-003	0.0547		177.4683	177.4683	4.1200e-003		177.5713

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046	0.0000	1,036.2711	1,036.2711	0.3019		1,043.8179
Paving	8.1900e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5720	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046	0.0000	1,036.2711	1,036.2711	0.3019		1,043.8179

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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	0.0610	0.0362	0.5333	1.7800e-003	0.2012	1.4800e-003	0.2027	0.0534	1.3600e-003	0.0547		177.4683	177.4683	4.1200e-003		177.5713
Total	0.0610	0.0362	0.5333	1.7800e-003	0.2012	1.4800e-003	0.2027	0.0534	1.3600e-003	0.0547		177.4683	177.4683	4.1200e-003		177.5713

3.24 Architectural Coating - Site 5 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.8410					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	5.0118	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
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	0.0677	0.0402	0.5926	1.9800e-003	0.2236	1.6400e-003	0.2252	0.0593	1.5100e-003	0.0608		197.1870	197.1870	4.5800e-003		197.3014
Total	0.0677	0.0402	0.5926	1.9800e-003	0.2236	1.6400e-003	0.2252	0.0593	1.5100e-003	0.0608		197.1870	197.1870	4.5800e-003		197.3014

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	4.8410					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	5.0118	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
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	0.0677	0.0402	0.5926	1.9800e-003	0.2236	1.6400e-003	0.2252	0.0593	1.5100e-003	0.0608		197.1870	197.1870	4.5800e-003		197.3014
Total	0.0677	0.0402	0.5926	1.9800e-003	0.2236	1.6400e-003	0.2252	0.0593	1.5100e-003	0.0608		197.1870	197.1870	4.5800e-003		197.3014

3.25 Paving - Site 4 - 2027

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	0.7854	7.4371	11.6737	0.0179		0.3503	0.3503		0.3234	0.3234		1,710.0067	1,710.0067	0.5420		1,723.5556

Paving	4.2300e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7896	7.4371	11.6737	0.0179		0.3503	0.3503		0.3234	0.3234		1,710.0067	1,710.0067	0.5420		1,723.5556

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	0.0462	0.0256	0.3898	1.3900e-003	0.1677	1.1200e-003	0.1688	0.0445	1.0300e-003	0.0455		138.2034	138.2034	2.8900e-003		138.2756
Total	0.0462	0.0256	0.3898	1.3900e-003	0.1677	1.1200e-003	0.1688	0.0445	1.0300e-003	0.0455		138.2034	138.2034	2.8900e-003		138.2756

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	0.7854	7.4371	11.6737	0.0179		0.3503	0.3503		0.3234	0.3234	0.0000	1,710.0067	1,710.0067	0.5420		1,723.5556
Paving	4.2300e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7896	7.4371	11.6737	0.0179		0.3503	0.3503		0.3234	0.3234	0.0000	1,710.0067	1,710.0067	0.5420		1,723.5556

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	0.0462	0.0256	0.3898	1.3900e-003	0.1677	1.1200e-003	0.1688	0.0445	1.0300e-003	0.0455		138.2034	138.2034	2.8900e-003		138.2756
Total	0.0462	0.0256	0.3898	1.3900e-003	0.1677	1.1200e-003	0.1688	0.0445	1.0300e-003	0.0455		138.2034	138.2034	2.8900e-003		138.2756

3.26 Architectural Coating - Site 4 - 2027
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	33.1365					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	33.3074	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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	0.0339	0.0188	0.2858	1.0200e-003	0.1230	8.2000e-004	0.1238	0.0326	7.6000e-004	0.0334		101.3492	101.3492	2.1200e-003		101.4021
Total	0.0339	0.0188	0.2858	1.0200e-003	0.1230	8.2000e-004	0.1238	0.0326	7.6000e-004	0.0334		101.3492	101.3492	2.1200e-003		101.4021

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	33.1365					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	33.3074	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
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	0.0339	0.0188	0.2858	1.0200e-003	0.1230	8.2000e-004	0.1238	0.0326	7.6000e-004	0.0334		101.3492	101.3492	2.1200e-003		101.4021
Total	0.0339	0.0188	0.2858	1.0200e-003	0.1230	8.2000e-004	0.1238	0.0326	7.6000e-004	0.0334		101.3492	101.3492	2.1200e-003		101.4021

3.27 Demolition - Site 6 - 2028

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					0.0862	0.0000	0.0862	0.0131	0.0000	0.0131			0.0000			0.0000
Off-Road	0.5743	5.1008	7.3641	0.0120		0.2102	0.2102		0.2008	0.2008		1,149.1195	1,149.1195	0.2060		1,154.2705
Total	0.5743	5.1008	7.3641	0.0120	0.0862	0.2102	0.2964	0.0131	0.2008	0.2139		1,149.1195	1,149.1195	0.2060		1,154.2705

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.9900e-003	0.0603	0.0230	2.8000e-004	6.8300e-003	1.1000e-004	6.9400e-003	1.8700e-003	1.0000e-004	1.9800e-003		30.5514	30.5514	2.0300e-003		30.6022
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	0.0293	0.0158	0.2448	9.0000e-004	0.1118	6.9000e-004	0.1125	0.0296	6.4000e-004	0.0303		89.4506	89.4506	1.7800e-003		89.4951
Total	0.0312	0.0761	0.2677	1.1800e-003	0.1186	8.0000e-004	0.1194	0.0315	7.4000e-004	0.0323		120.0020	120.0020	3.8100e-003		120.0972

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					0.0336	0.0000	0.0336	5.0900e-003	0.0000	5.0900e-003			0.0000			0.0000

Off-Road	0.5743	5.1008	7.3641	0.0120		0.2102	0.2102		0.2008	0.2008	0.0000	1,149.1195	1,149.1195	0.2060		1,154.2705
Total	0.5743	5.1008	7.3641	0.0120	0.0336	0.2102	0.2439	5.0900e-003	0.2008	0.2059	0.0000	1,149.1195	1,149.1195	0.2060		1,154.2705

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	1.9900e-003	0.0603	0.0230	2.8000e-004	6.8300e-003	1.1000e-004	6.9400e-003	1.8700e-003	1.0000e-004	1.9800e-003			30.5514	30.5514	2.0300e-003		30.6022
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	0.0293	0.0158	0.2448	9.0000e-004	0.1118	6.9000e-004	0.1125	0.0296	6.4000e-004	0.0303			89.4506	89.4506	1.7800e-003		89.4951
Total	0.0312	0.0761	0.2677	1.1800e-003	0.1186	8.0000e-004	0.1194	0.0315	7.4000e-004	0.0323			120.0020	120.0020	3.8100e-003		120.0972

3.28 Site Preparation - Site 6 - 2028

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					0.3283	0.0000	0.3283	0.0420	0.0000	0.0420			0.0000			0.0000	
Off-Road	0.4432	4.7918	3.8238	9.7300e-003		0.1654	0.1654		0.1521	0.1521			942.2955	942.2955	0.3048		949.9144
Total	0.4432	4.7918	3.8238	9.7300e-003	0.3283	0.1654	0.4936	0.0420	0.1521	0.1942			942.2955	942.2955	0.3048		949.9144

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	0.8542	25.8747	9.8522	0.1199	2.9327	0.0464	2.9791	0.8040	0.0444	0.8484		13,113.4740	13,113.4740	0.8713		13,135.2571
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	0.0146	7.8900e-003	0.1224	4.5000e-004	0.0559	3.5000e-004	0.0562	0.0148	3.2000e-004	0.0151		44.7253	44.7253	8.9000e-004		44.7475
Total	0.8688	25.8826	9.9746	0.1204	2.9886	0.0468	3.0354	0.8188	0.0447	0.8635		13,158.1993	13,158.1993	0.8722		13,180.0047

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					0.1280	0.0000	0.1280	0.0164	0.0000	0.0164			0.0000			0.0000
Off-Road	0.4432	4.7918	3.8238	9.7300e-003		0.1654	0.1654		0.1521	0.1521	0.0000	942.2955	942.2955	0.3048		949.9144
Total	0.4432	4.7918	3.8238	9.7300e-003	0.1280	0.1654	0.2934	0.0164	0.1521	0.1685	0.0000	942.2955	942.2955	0.3048		949.9144

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	0.8542	25.8747	9.8522	0.1199	2.9327	0.0464	2.9791	0.8040	0.0444	0.8484		13,113.4740	13,113.4740	0.8713		13,135.2571

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	0.0146	7.8900e-003	0.1224	4.5000e-004	0.0559	3.5000e-004	0.0562	0.0148	3.2000e-004	0.0151		44.7253	44.7253	8.9000e-004		44.7475
Total	0.8688	25.8826	9.9746	0.1204	2.9886	0.0468	3.0354	0.8188	0.0447	0.8635		13,158.19	13,158.19	0.8722		13,180.00
												93	93			47

3.29 Grading - Site 6 - 2028

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					0.9346	0.0000	0.9346	0.4413	0.0000	0.4413			0.0000				0.0000
Off-Road	0.8884	8.0441	9.9327	0.0154		0.4063	0.4063		0.3812	0.3812		1,476.4646	1,476.4646	0.3119			1,484.2624
Total	0.8884	8.0441	9.9327	0.0154	0.9346	0.4063	1.3409	0.4413	0.3812	0.8225		1,476.4646	1,476.4646	0.3119			1,484.2624
												6	6				4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	1.0240	31.0188	11.8109	0.1437	3.5157	0.0557	3.5714	0.9638	0.0532	1.0171		15,720.5265	15,720.5265	1.0446			15,746.6403
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	0.0380	0.0205	0.3182	1.1700e-003	0.1453	9.0000e-004	0.1462	0.0385	8.3000e-004	0.0394		116.2858	116.2858	2.3100e-003			116.3436
Total	1.0621	31.0393	12.1291	0.1449	3.6611	0.0566	3.7176	1.0024	0.0541	1.0564		15,836.8123	15,836.8123	1.0469			15,862.9838
												23	23				38

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					0.3645	0.0000	0.3645	0.1721	0.0000	0.1721			0.0000			0.0000
Off-Road	0.8884	8.0441	9.9327	0.0154		0.4063	0.4063		0.3812	0.3812	0.0000	1,476.4646	1,476.4646	0.3119		1,484.2624
Total	0.8884	8.0441	9.9327	0.0154	0.3645	0.4063	0.7708	0.1721	0.3812	0.5533	0.0000	1,476.4646	1,476.4646	0.3119		1,484.2624

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.0240	31.0188	11.8109	0.1437	3.5157	0.0557	3.5714	0.9638	0.0532	1.0171		15,720.5265	15,720.5265	1.0446		15,746.6403
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	0.0380	0.0205	0.3182	1.1700e-003	0.1453	9.0000e-004	0.1462	0.0385	8.3000e-004	0.0394		116.2858	116.2858	2.3100e-003		116.3436
Total	1.0621	31.0393	12.1291	0.1449	3.6611	0.0566	3.7176	1.0024	0.0541	1.0564		15,836.8123	15,836.8123	1.0469		15,862.9838

3.30 Building Construction - Site 6 - 2028

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	0.8442	8.3743	9.4901	0.0180		0.3593	0.3593		0.3305	0.3305		1,739.2412	1,739.2412	0.5625		1,753.3039

Total	0.8442	8.3743	9.4901	0.0180		0.3593	0.3593		0.3305	0.3305		1,739.241	1,739.241	0.5625		1,753.303
												2	2			9

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0379	1.3484	0.3895	4.8000e-003	0.1281	1.4900e-003	0.1296	0.0369	1.4300e-003	0.0383		515.3692	515.3692	0.0258		516.0147
Worker	0.1492	0.0805	1.2484	4.5700e-003	0.5701	3.5400e-003	0.5736	0.1512	3.2600e-003	0.1544		456.1980	456.1980	9.0700e-003		456.4248
Total	0.1871	1.4289	1.6378	9.3700e-003	0.6981	5.0300e-003	0.7032	0.1881	4.6900e-003	0.1927		971.5672	971.5672	0.0349		972.4395

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	0.8442	8.3743	9.4901	0.0180		0.3593	0.3593		0.3305	0.3305	0.0000	1,739.241	1,739.241	0.5625		1,753.303
Total	0.8442	8.3743	9.4901	0.0180		0.3593	0.3593		0.3305	0.3305	0.0000	1,739.241	1,739.241	0.5625		1,753.303
												2	2			9

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0379	1.3484	0.3895	4.8000e-003	0.1281	1.4900e-003	0.1296	0.0369	1.4300e-003	0.0383		515.3692	515.3692	0.0258		516.0147
Worker	0.1492	0.0805	1.2484	4.5700e-003	0.5701	3.5400e-003	0.5736	0.1512	3.2600e-003	0.1544		456.1980	456.1980	9.0700e-003		456.4248
Total	0.1871	1.4289	1.6378	9.3700e-003	0.6981	5.0300e-003	0.7032	0.1881	4.6900e-003	0.1927		971.5672	971.5672	0.0349		972.4395

3.30 Building Construction - Site 6 - 2029

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	0.8442	8.3743	9.4901	0.0180		0.3593	0.3593		0.3305	0.3305		1,739.2412	1,739.2412	0.5625		1,753.3039
Total	0.8442	8.3743	9.4901	0.0180		0.3593	0.3593		0.3305	0.3305		1,739.2412	1,739.2412	0.5625		1,753.3039

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	0.0373	1.3380	0.3845	4.7800e-003	0.1281	1.4600e-003	0.1295	0.0369	1.4000e-003	0.0383		513.4721	513.4721	0.0255		514.1098
Worker	0.1401	0.0740	1.1711	4.4500e-003	0.5701	3.3000e-003	0.5734	0.1512	3.0300e-003	0.1542		443.9716	443.9716	8.3200e-003		444.1796
Total	0.1774	1.4121	1.5556	9.2300e-003	0.6981	4.7600e-003	0.7029	0.1881	4.4300e-003	0.1925		957.4437	957.4437	0.0338		958.2894

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	0.8442	8.3743	9.4901	0.0180		0.3593	0.3593		0.3305	0.3305	0.0000	1,739.2412	1,739.2412	0.5625		1,753.3039
Total	0.8442	8.3743	9.4901	0.0180		0.3593	0.3593		0.3305	0.3305	0.0000	1,739.2412	1,739.2412	0.5625		1,753.3039

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	0.0373	1.3380	0.3845	4.7800e-003	0.1281	1.4600e-003	0.1295	0.0369	1.4000e-003	0.0383		513.4721	513.4721	0.0255		514.1098
Worker	0.1401	0.0740	1.1711	4.4500e-003	0.5701	3.3000e-003	0.5734	0.1512	3.0300e-003	0.1542		443.9716	443.9716	8.3200e-003		444.1796
Total	0.1774	1.4121	1.5556	9.2300e-003	0.6981	4.7600e-003	0.7029	0.1881	4.4300e-003	0.1925		957.4437	957.4437	0.0338		958.2894

3.31 Site Preparation - Site 3 - 2029

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					0.3414	0.0000	0.3414	0.0402	0.0000	0.0402			0.0000				0.0000
Off-Road	0.4432	4.7918	3.8238	9.7300e-003		0.1654	0.1654		0.1521	0.1521		942.2955	942.2955	0.3048			949.9144
Total	0.4432	4.7918	3.8238	9.7300e-003	0.3414	0.1654	0.5067	0.0402	0.1521	0.1923		942.2955	942.2955	0.3048			949.9144

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	0.4276	12.8730	4.9782	0.0602	1.4781	0.0230	1.5010	0.4052	0.0220	0.4272		6,583.0272	6,583.0272	0.4372			6,593.9562
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	0.0137	7.2600e-003	0.1148	4.4000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		43.5266	43.5266	8.2000e-004			43.5470
Total	0.4414	12.8802	5.0930	0.0606	1.5340	0.0233	1.5572	0.4200	0.0223	0.4423		6,626.5539	6,626.5539	0.4380			6,637.5032

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					0.1331	0.0000	0.1331	0.0157	0.0000	0.0157			0.0000				0.0000

Off-Road	0.4432	4.7918	3.8238	9.7300e-003		0.1654	0.1654		0.1521	0.1521	0.0000	942.2955	942.2955	0.3048		949.9144
Total	0.4432	4.7918	3.8238	9.7300e-003	0.1331	0.1654	0.2985	0.0157	0.1521	0.1678	0.0000	942.2955	942.2955	0.3048		949.9144

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	0.4276	12.8730	4.9782	0.0602	1.4781	0.0230	1.5010	0.4052	0.0220	0.4272		6,583.0272	6,583.0272	0.4372		6,593.9562
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	0.0137	7.2600e-003	0.1148	4.4000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		43.5266	43.5266	8.2000e-004		43.5470
Total	0.4414	12.8802	5.0930	0.0606	1.5340	0.0233	1.5572	0.4200	0.0223	0.4423		6,626.5539	6,626.5539	0.4380		6,637.5032

3.32 Grading - Site 3 - 2029

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					0.8290	0.0000	0.8290	0.4253	0.0000	0.4253			0.0000			0.0000
Off-Road	0.8884	8.0441	9.9327	0.0154		0.4063	0.4063		0.3812	0.3812		1,476.4646	1,476.4646	0.3119		1,484.2624
Total	0.8884	8.0441	9.9327	0.0154	0.8290	0.4063	1.2353	0.4253	0.3812	0.8065		1,476.4646	1,476.4646	0.3119		1,484.2624

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	0.4264	12.8349	4.9634	0.0600	1.4737	0.0229	1.4966	0.4040	0.0219	0.4259		6,563.5508	6,563.5508	0.4359		6,574.4475
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	0.0357	0.0189	0.2985	1.1300e-003	0.1453	8.4000e-004	0.1462	0.0385	7.7000e-004	0.0393		113.1692	113.1692	2.1200e-003		113.2222
Total	0.4621	12.8537	5.2620	0.0611	1.6190	0.0237	1.6427	0.4426	0.0227	0.4652		6,676.7201	6,676.7201	0.4380		6,687.6697

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					0.3233	0.0000	0.3233	0.1659	0.0000	0.1659			0.0000			0.0000
Off-Road	0.8884	8.0441	9.9327	0.0154		0.4063	0.4063		0.3812	0.3812	0.0000	1,476.4646	1,476.4646	0.3119		1,484.2624
Total	0.8884	8.0441	9.9327	0.0154	0.3233	0.4063	0.7296	0.1659	0.3812	0.5471	0.0000	1,476.4646	1,476.4646	0.3119		1,484.2624

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	0.4264	12.8349	4.9634	0.0600	1.4737	0.0229	1.4966	0.4040	0.0219	0.4259		6,563.5508	6,563.5508	0.4359		6,574.4475

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	0.0357	0.0189	0.2985	1.1300e-003	0.1453	8.4000e-004	0.1462	0.0385	7.7000e-004	0.0393		113.1692	113.1692	2.1200e-003		113.2222
Total	0.4621	12.8537	5.2620	0.0611	1.6190	0.0237	1.6427	0.4426	0.0227	0.4652		6,676.7201	6,676.7201	0.4380		6,687.6697

3.33 Building Construction - Site 3 - 2029
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220		1,105.5711	1,105.5711	0.3576		1,114.5102
Total	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220		1,105.5711	1,105.5711	0.3576		1,114.5102

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	0.0224	0.8028	0.2307	2.8700e-003	0.0768	8.8000e-004	0.0777	0.0221	8.4000e-004	0.0230		308.0833	308.0833	0.0153		308.4659
Worker	0.0659	0.0348	0.5511	2.0900e-003	0.2683	1.5500e-003	0.2698	0.0711	1.4300e-003	0.0726		208.9278	208.9278	3.9200e-003		209.0257
Total	0.0883	0.8377	0.7818	4.9600e-003	0.3451	2.4300e-003	0.3475	0.0933	2.2700e-003	0.0955		517.0111	517.0111	0.0192		517.4916

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220	0.0000	1,105.571 1	1,105.571 1	0.3576		1,114.510 2
Total	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220	0.0000	1,105.571 1	1,105.571 1	0.3576		1,114.510 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0224	0.8028	0.2307	2.8700e-003	0.0768	8.8000e-004	0.0777	0.0221	8.4000e-004	0.0230		308.0833	308.0833	0.0153		308.4659
Worker	0.0659	0.0348	0.5511	2.0900e-003	0.2683	1.5500e-003	0.2698	0.0711	1.4300e-003	0.0726		208.9278	208.9278	3.9200e-003		209.0257
Total	0.0883	0.8377	0.7818	4.9600e-003	0.3451	2.4300e-003	0.3475	0.0933	2.2700e-003	0.0955		517.0111	517.0111	0.0192		517.4916

3.34 Paving - Site 6 - 2029

Unmitigated Construction On-Site

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

Paving	0.0109					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5747	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.271	1,036.271	0.3019		1,043.817
												1	1			9

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
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	0.0495	0.0261	0.4133	1.5700e-003	0.2012	1.1600e-003	0.2024	0.0534	1.0700e-003	0.0544		156.6959	156.6959	2.9400e-003		156.7693
Total	0.0495	0.0261	0.4133	1.5700e-003	0.2012	1.1600e-003	0.2024	0.0534	1.0700e-003	0.0544		156.6959	156.6959	2.9400e-003		156.7693

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046	0.0000	1,036.271	1,036.271	0.3019		1,043.817
Paving	0.0109					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5747	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046	0.0000	1,036.271	1,036.271	0.3019		1,043.817
												1	1			9

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
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	0.0495	0.0261	0.4133	1.5700e-003	0.2012	1.1600e-003	0.2024	0.0534	1.0700e-003	0.0544		156.6959	156.6959	2.9400e-003		156.7693
Total	0.0495	0.0261	0.4133	1.5700e-003	0.2012	1.1600e-003	0.2024	0.0534	1.0700e-003	0.0544		156.6959	156.6959	2.9400e-003		156.7693

3.35 Architectural Coating - Site 6 - 2029
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	2.8366					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	3.0075	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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	0.0275	0.0145	0.2296	8.7000e-004	0.1118	6.5000e-004	0.1124	0.0296	5.9000e-004	0.0302		87.0533	87.0533	1.6300e-003		87.0940
Total	0.0275	0.0145	0.2296	8.7000e-004	0.1118	6.5000e-004	0.1124	0.0296	5.9000e-004	0.0302		87.0533	87.0533	1.6300e-003		87.0940

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	2.8366					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	3.0075	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
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	0.0275	0.0145	0.2296	8.7000e-004	0.1118	6.5000e-004	0.1124	0.0296	5.9000e-004	0.0302		87.0533	87.0533	1.6300e-003		87.0940
Total	0.0275	0.0145	0.2296	8.7000e-004	0.1118	6.5000e-004	0.1124	0.0296	5.9000e-004	0.0302		87.0533	87.0533	1.6300e-003		87.0940

3.36 Paving - Site 3 - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.271 1	1,036.271 1	0.3019		1,043.817 9
Paving	0.0109					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5747	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.271 1	1,036.271 1	0.3019		1,043.817 9

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
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	0.0495	0.0261	0.4133	1.5700e-003	0.2012	1.1600e-003	0.2024	0.0534	1.0700e-003	0.0544		156.6959	156.6959	2.9400e-003		156.7693
Total	0.0495	0.0261	0.4133	1.5700e-003	0.2012	1.1600e-003	0.2024	0.0534	1.0700e-003	0.0544		156.6959	156.6959	2.9400e-003		156.7693

Mitigated Construction On-Site

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

Paving	0.0109					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5747	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046	0.0000	1,036.271	1,036.271	0.3019		1,043.817
												1	1			9

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
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	0.0495	0.0261	0.4133	1.5700e-003	0.2012	1.1600e-003	0.2024	0.0534	1.0700e-003	0.0544		156.6959	156.6959	2.9400e-003		156.7693
Total	0.0495	0.0261	0.4133	1.5700e-003	0.2012	1.1600e-003	0.2024	0.0534	1.0700e-003	0.0544		156.6959	156.6959	2.9400e-003		156.7693

3.37 Architectural Coating - Site 3 - 2029

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	35.4867					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	35.6576	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
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	0.0137	7.2600e-003	0.1148	4.4000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		43.5266	43.5266	8.2000e-004		43.5470
Total	0.0137	7.2600e-003	0.1148	4.4000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		43.5266	43.5266	8.2000e-004		43.5470

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	35.4867					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	35.6576	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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	0.0137	7.2600e-003	0.1148	4.4000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		43.5266	43.5266	8.2000e-004		43.5470
Total	0.0137	7.2600e-003	0.1148	4.4000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		43.5266	43.5266	8.2000e-004		43.5470

Kaiser LAMC - Option B Construction - Los Angeles-South Coast County, Winter

Kaiser LAMC - Option B Construction
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hospital	177.30	1000sqft	2.80	177,300.00	0
Medical Office Building	130.00	1000sqft	0.50	130,000.00	0
Medical Office Building	50.00	1000sqft	0.75	50,000.00	0
Medical Office Building	73.50	1000sqft	0.60	73,500.00	0
Enclosed Parking with Elevator	302.80	1000sqft	0.50	302,800.00	0
Enclosed Parking with Elevator	230.60	1000sqft	0.60	230,600.00	0
Enclosed Parking with Elevator	122.40	1000sqft	0.60	122,400.00	0
Parking Lot	6.00	Space	0.05	2,400.00	0
Strip Mall	2.30	1000sqft	0.00	2,300.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2030
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	500	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Land Use - Land uses and acreage based on Project Description for Sites 1-6 for Option B (Hospital)

Construction Phase - Construction schedule adjusted based on Project Description and anticipated schedule provided by Kaiser

Off-road Equipment - Off-road equipment based on defaults for each Site. Trencher added during Grading phases for utilities installation.

Off-road Equipment - Off-road equipment based on defaults for each Site

Off-road Equipment - Off-road equipment based on defaults for each Site. Added a Crane with 350hp to represent a Impact Pile Driving Rig.

Off-road Equipment - Off-road equipment based on defaults for each Site. No pile drivers expected at this Site.

Off-road Equipment - Off-road equipment based on defaults for each Site. No pile driving expected for this Site.

Off-road Equipment - Off-road equipment based on defaults for each Site. Added a Crane with 350hp to represent a Impact Pile Driving Rig.

Off-road Equipment - Off-road equipment based on defaults for each Site. Added a Crane with 350hp to represent a Impact Pile Driving Rig.

Off-road Equipment - Off-road equipment based on defaults for each Site. Added a Crane with 350hp to represent a Impact Pile Driving Rig.

Off-road Equipment - Off-road equipment based on defaults for each Site

Trips and VMT - Haul trips based on material import/export or demolition debris based on input from Kaiser. Other trips based on defaults for each Site

Demolition - Debris tonnage based on CalEEMod factor of 0.046 tons/sf for buildings and CalRecycle factor of 2,400 lbs asphalt debris/yd3

Grading - Material import/export based on input from Kaiser. Total acres graded based on defaults for each Site

Architectural Coating - Architectural coatings based on defaults for each Site. Adjusted non-residential interior VOC to 50 g/L per Rule 1113

Vehicle Trips - Modeling construction only

Area Coating - Modeling construction only

Landscape Equipment - Modeling construction only

Energy Use - Modeling construction only

Water And Wastewater - Modeling construction only

Solid Waste - Modeling construction only

Construction Off-road Equipment Mitigation - Mitigation: Water exposed areas 3x/day, limit vehicle speeds to 15 mph

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	216,550.00	25,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	216,550.00	65,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	216,550.00	1,150.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	216,550.00	88,650.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	216,550.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	216,550.00	36,750.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	649,650.00	75,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	649,650.00	195,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	649,650.00	3,450.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	649,650.00	265,950.00

tblArchitecturalCoating	ConstArea_Nonresidential_Interior	649,650.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	649,650.00	110,250.00
tblArchitecturalCoating	ConstArea_Parking	39,492.00	144.00
tblArchitecturalCoating	ConstArea_Parking	39,492.00	18,168.00
tblArchitecturalCoating	ConstArea_Parking	39,492.00	13,836.00
tblArchitecturalCoating	ConstArea_Parking	39,492.00	0.00
tblArchitecturalCoating	ConstArea_Parking	39,492.00	7,344.00
tblArchitecturalCoating	ConstArea_Parking	39,492.00	0.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblAreaCoating	Area_Nonresidential_Exterior	216550	0
tblAreaCoating	Area_Nonresidential_Interior	649650	0
tblAreaCoating	Area_Parking	39492	0
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	13.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	47.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstructionPhase	NumDays	20.00	15.00

tblConstructionPhase	NumDays	20.00	23.00
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tblConstructionPhase	NumDays	20.00	12.00
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tblConstructionPhase	NumDays	10.00	25.00
tblConstructionPhase	NumDays	10.00	2.00

tblConstructionPhase	NumDays	10.00	4.00
tblEnergyUse	LightingElect	1.75	0.00
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tblEnergyUse	LightingElect	3.77	0.00
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	6.26	0.00
tblEnergyUse	NT24E	0.19	0.00
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tblEnergyUse	NT24E	4.62	0.00
tblEnergyUse	NT24E	3.23	0.00
tblEnergyUse	NT24NG	9.82	0.00
tblEnergyUse	NT24NG	0.39	0.00
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tblEnergyUse	T24E	3.92	0.00
tblEnergyUse	T24E	9.96	0.00
tblEnergyUse	T24E	4.60	0.00
tblEnergyUse	T24E	4.01	0.00
tblEnergyUse	T24NG	54.94	0.00
tblEnergyUse	T24NG	10.02	0.00
tblEnergyUse	T24NG	1.15	0.00
tblGrading	AcresOfGrading	9.50	3.00
tblGrading	AcresOfGrading	7.50	0.75
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tblGrading	AcresOfGrading	15.00	4.50
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tblGrading	AcresOfGrading	5.00	0.50
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tblGrading	AcresOfGrading	2.00	0.50
tblGrading	MaterialExported	0.00	7,020.00
tblGrading	MaterialExported	0.00	10,420.00
tblGrading	MaterialExported	0.00	8,040.00
tblGrading	MaterialExported	0.00	47,506.00

tblGrading	MaterialExported	0.00	3,510.00
tblGrading	MaterialExported	0.00	5,210.00
tblGrading	MaterialExported	0.00	4,020.00
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tblGrading	MaterialImported	0.00	380.00
tblLandUse	LotAcreage	4.07	2.80
tblLandUse	LotAcreage	2.98	0.50
tblLandUse	LotAcreage	1.15	0.75
tblLandUse	LotAcreage	1.69	0.60
tblLandUse	LotAcreage	2.81	0.60
tblLandUse	LotAcreage	5.29	0.60
tblLandUse	LotAcreage	6.95	0.50
tblLandUse	LotAcreage	0.05	0.00
tblOffRoadEquipment	HorsePower	231.00	350.00
tblOffRoadEquipment	HorsePower	231.00	350.00
tblOffRoadEquipment	HorsePower	231.00	350.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

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tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	8.00	6.00
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tblOffRoadEquipment	UsageHours	8.00	0.00
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tblOffRoadEquipment	UsageHours	7.00	8.00
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tblOffRoadEquipment	UsageHours	8.00	6.00
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tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	500
tblSolidWaste	SolidWasteGenerationRate	1,914.84	0.00
tblSolidWaste	SolidWasteGenerationRate	2,737.80	0.00
tblSolidWaste	SolidWasteGenerationRate	2.42	0.00
tblTripsAndVMT	VendorTripNumber	179.00	38.00
tblTripsAndVMT	VendorTripNumber	179.00	29.00

tblTripsAndVMT	VendorTripNumber	179.00	20.00
tblTripsAndVMT	VendorTripNumber	179.00	12.00
tblTripsAndVMT	VendorTripNumber	179.00	71.00
tblTripsAndVMT	VendorTripNumber	179.00	9.00
tblTripsAndVMT	WorkerTripNumber	83.00	3.00
tblTripsAndVMT	WorkerTripNumber	83.00	34.00
tblTripsAndVMT	WorkerTripNumber	415.00	98.00
tblTripsAndVMT	WorkerTripNumber	415.00	57.00
tblTripsAndVMT	WorkerTripNumber	83.00	20.00
tblTripsAndVMT	WorkerTripNumber	83.00	11.00
tblTripsAndVMT	WorkerTripNumber	415.00	51.00
tblTripsAndVMT	WorkerTripNumber	415.00	24.00
tblTripsAndVMT	WorkerTripNumber	83.00	10.00
tblTripsAndVMT	WorkerTripNumber	83.00	5.00
tblTripsAndVMT	WorkerTripNumber	415.00	169.00
tblTripsAndVMT	WorkerTripNumber	415.00	17.00
tblVehicleTrips	ST_TR	10.18	0.00
tblVehicleTrips	ST_TR	8.96	0.00
tblVehicleTrips	ST_TR	42.04	0.00
tblVehicleTrips	SU_TR	8.91	0.00
tblVehicleTrips	SU_TR	1.55	0.00
tblVehicleTrips	SU_TR	20.43	0.00
tblVehicleTrips	WD_TR	13.22	0.00
tblVehicleTrips	WD_TR	36.13	0.00
tblVehicleTrips	WD_TR	44.32	0.00
tblWater	IndoorWaterUseRate	22,247,699.31	0.00
tblWater	IndoorWaterUseRate	31,809,316.27	0.00
tblWater	IndoorWaterUseRate	170,366.80	0.00
tblWater	OutdoorWaterUseRate	4,237,657.01	0.00
tblWater	OutdoorWaterUseRate	6,058,917.39	0.00
tblWater	OutdoorWaterUseRate	104,418.36	0.00

2.0 Emissions Summary

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					
2020	5.0137	52.9657	37.0413	0.1103	4.4023	1.8158	5.3346	1.7700	1.7246	2.8482	0.0000	11,744.8386	11,744.8386	1.2590	0.0000	11,776.3146
2021	4.1262	34.6008	32.5459	0.0800	2.5912	1.3510	3.9423	0.6988	1.2748	1.9736	0.0000	7,871.9127	7,871.9127	1.1160	0.0000	7,899.8122
2022	39.2972	31.3281	31.7040	0.0791	2.8181	1.5287	3.9314	0.7214	1.4314	1.7853	0.0000	7,783.5005	7,783.5005	1.2475	0.0000	7,810.9226
2023	2.2359	20.7793	21.7896	0.0412	1.1800	0.9619	2.1419	0.2202	0.9055	1.1257	0.0000	3,997.4718	3,997.4718	0.8244	0.0000	4,018.0826
2024	1.6783	29.6762	17.8704	0.1155	3.2050	0.5080	3.7130	1.0708	0.4776	1.5484	0.0000	12,465.2817	12,465.2817	1.0979	0.0000	12,492.7293
2025	7.1498	37.7238	31.6285	0.1103	8.9349	1.0840	10.0189	4.0656	0.9982	5.0637	0.0000	11,407.6519	11,407.6519	1.7622	0.0000	11,451.7075
2026	2.0510	17.0118	18.5372	0.0435	0.8228	0.5948	1.4176	0.2224	0.5648	0.7872	0.0000	4,168.2487	4,168.2487	0.6767	0.0000	4,185.1662
2027	33.3458	16.9849	18.4362	0.0433	0.8228	0.5945	1.4174	0.2224	0.5645	0.7869	0.0000	4,148.5332	4,148.5332	0.6752	0.0000	4,165.4121
2028	1.9797	39.3095	22.4871	0.1578	4.5957	0.4638	5.0594	1.4437	0.4362	1.8798	0.0000	17,040.9327	17,040.9327	1.3842	0.0000	17,075.5387
2029	35.6732	30.7797	26.3246	0.1022	3.1462	0.7944	3.9406	1.0559	0.7392	1.7951	0.0000	10,693.2725	10,693.2725	1.3573	0.0000	10,727.2046
Maximum	39.2972	52.9657	37.0413	0.1578	8.9349	1.8158	10.0189	4.0656	1.7246	5.0637	0.0000	17,040.9327	17,040.9327	1.7622	0.0000	17,075.5387

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					
2020	5.0137	52.9657	37.0413	0.1103	3.0381	1.8158	4.7409	1.0520	1.7246	2.5951	0.0000	11,744.8386	11,744.8386	1.2590	0.0000	11,776.3146
2021	4.1262	34.6008	32.5459	0.0800	2.5912	1.3510	3.9423	0.6988	1.2748	1.9736	0.0000	7,871.9127	7,871.9127	1.1160	0.0000	7,899.8122
2022	39.2972	31.3281	31.7040	0.0791	2.6242	1.5287	3.7401	0.6988	1.4314	1.7834	0.0000	7,783.5005	7,783.5005	1.2475	0.0000	7,810.9226

2023	2.2359	20.7793	21.7896	0.0412	0.6846	0.9619	1.6464	0.1452	0.9055	1.0507	0.0000	3,997.4718	3,997.4718	0.8244	0.0000	4,018.0826
2024	1.6783	29.6762	17.8704	0.1155	2.7355	0.5080	3.1846	0.8079	0.4776	1.2855	0.0000	12,465.2817	12,465.2817	1.0979	0.0000	12,492.7293
2025	7.1498	37.7238	31.6285	0.1103	5.1215	1.0840	6.2055	2.0296	0.9982	3.0277	0.0000	11,407.6519	11,407.6519	1.7622	0.0000	11,451.7075
2026	2.0510	17.0118	18.5372	0.0435	0.8228	0.5948	1.4176	0.2224	0.5648	0.7872	0.0000	4,168.2486	4,168.2486	0.6767	0.0000	4,185.1662
2027	33.3458	16.9849	18.4362	0.0433	0.8228	0.5945	1.4174	0.2224	0.5645	0.7869	0.0000	4,148.5332	4,148.5332	0.6752	0.0000	4,165.4121
2028	1.9797	39.3095	22.4871	0.1578	4.0256	0.4638	4.4893	1.1745	0.4362	1.6106	0.0000	17,040.9327	17,040.9327	1.3842	0.0000	17,075.5387
2029	35.6732	30.7797	26.3246	0.1022	2.6405	0.7944	3.4349	0.7965	0.7392	1.5357	0.0000	10,693.2725	10,693.2725	1.3573	0.0000	10,727.2046
Maximum	39.2972	52.9657	37.0413	0.1578	5.1215	1.8158	6.2055	2.0296	1.7246	3.0277	0.0000	17,040.9327	17,040.9327	1.7622	0.0000	17,075.5387

	ROG	NOx	CO	SO2	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	22.79	0.00	16.37	31.70	0.00	16.11	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 - Site 1	Demolition	4/1/2020	6/30/2020	5	65	Phase 1
2	Site Preparation - Site 1	Site Preparation	7/1/2020	8/4/2020	5	25	Phase 1
3	Grading - Site 1	Grading	8/5/2020	11/17/2020	5	75	Phase 1
4	Demolition - Site 2	Demolition	10/1/2020	11/27/2020	5	42	Phase 1
5	Building Construction - Site 1	Building Construction	11/18/2020	7/28/2022	5	442	Phase 1
6	Site Preparation - Site 2	Site Preparation	12/1/2020	12/4/2020	5	4	Phase 1
7	Grading - Site 2	Grading	12/5/2020	12/14/2020	5	6	Phase 1
8	Building Construction - Site 2	Building Construction	12/15/2020	2/17/2022	5	308	Phase 1
9	Paving - Site 2	Paving	2/18/2022	3/10/2022	5	15	Phase 1
10	Architectural Coating - Site 2	Architectural Coating	3/11/2022	3/31/2022	5	15	Phase 1
11	Demolition - Site 3	Demolition	7/1/2022	6/30/2023	5	261	Phase 1
12	Paving - Site 1	Paving	7/29/2022	8/30/2022	5	23	Phase 1
13	Demolition - Site 4	Demolition	8/1/2022	6/30/2023	5	240	Phase 1
14	Architectural Coating - Site 1	Architectural Coating	8/31/2022	9/30/2022	5	23	Phase 1
15	Demolition - Site 5	Demolition	1/1/2024	7/30/2024	5	152	Phase 2
16	Site Preparation - Site 5	Site Preparation	8/1/2024	8/5/2024	5	3	Phase 2
17	Grading - Site 5	Grading	8/6/2024	8/14/2024	5	7	Phase 2
18	Building Construction - Site 5	Building Construction	8/15/2024	11/14/2025	5	327	Phase 2
19	Site Preparation - Site 4	Site Preparation	1/1/2025	1/14/2025	5	10	Phase 2
20	Grading - Site 4	Grading	1/15/2025	2/10/2025	5	19	Phase 2
21	Building Construction - Site 4	Building Construction	2/11/2025	10/5/2027	5	691	Phase 2
22	Paving - Site 5	Paving	11/15/2025	12/8/2025	5	16	Phase 2
23	Architectural Coating - Site 5	Architectural Coating	12/9/2025	12/30/2025	5	16	Phase 2
24	Paving - Site 4	Paving	10/6/2027	11/17/2027	5	31	Phase 2
25	Architectural Coating - Site 4	Architectural Coating	11/18/2027	12/30/2027	5	31	Phase 2
26	Demolition - Site 6	Demolition	1/1/2028	3/30/2028	5	64	Phase 3
27	Site Preparation - Site 6	Site Preparation	4/1/2028	4/5/2028	5	3	Phase 3

28	Grading - Site 6	Grading	4/6/2028	4/12/2028	5	5	Phase 3
29	Building Construction - Site 6	Building Construction	4/13/2028	3/27/2029	5	249	Phase 3
30	Site Preparation - Site 3	Site Preparation	1/1/2029	1/2/2029	5	2	Phase 3
31	Grading - Site 3	Grading	1/3/2029	1/8/2029	5	4	Phase 3
32	Building Construction - Site 3	Building Construction	1/9/2029	11/26/2029	5	230	Phase 3
33	Paving - Site 6	Paving	3/28/2029	4/12/2029	5	12	Phase 3
34	Architectural Coating - Site 6	Architectural Coating	4/13/2029	4/30/2029	5	12	Phase 3
35	Paving - Site 3	Paving	11/27/2029	12/12/2029	5	12	Phase 3
36	Architectural Coating - Site 3	Architectural Coating	12/13/2029	12/28/2029	5	12	Phase 3

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 1.75

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 75,000; Non-Residential Outdoor: 25,000; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition - Site 1	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition - Site 1	Excavators	0	0.00	158	0.38
Demolition - Site 1	Rubber Tired Dozers	1	8.00	247	0.40
Demolition - Site 1	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Demolition - Site 2	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition - Site 2	Excavators	0	0.00	158	0.38
Demolition - Site 2	Rubber Tired Dozers	1	1.00	247	0.40
Demolition - Site 2	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Site Preparation - Site 1	Graders	1	8.00	187	0.41
Site Preparation - Site 1	Rubber Tired Dozers	1	7.00	247	0.40
Site Preparation - Site 1	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading - Site 1	Excavators	0	0.00	158	0.38
Grading - Site 1	Graders	1	6.00	187	0.41
Grading - Site 1	Rubber Tired Dozers	1	6.00	247	0.40

Grading - Site 1	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading - Site 1	Trenchers	1	8.00	78	0.50
Building Construction - Site 1	Cranes	1	6.00	231	0.29
Building Construction - Site 1	Cranes	1	6.00	350	0.29
Building Construction - Site 1	Forklifts	1	6.00	89	0.20
Building Construction - Site 1	Generator Sets	1	8.00	84	0.74
Building Construction - Site 1	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction - Site 1	Welders	3	8.00	46	0.45
Site Preparation - Site 2	Graders	1	8.00	187	0.41
Site Preparation - Site 2	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading - Site 2	Concrete/Industrial Saws	1	8.00	81	0.73
Grading - Site 2	Rubber Tired Dozers	1	1.00	247	0.40
Grading - Site 2	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading - Site 2	Trenchers	1	8.00	78	0.50
Building Construction - Site 2	Aerial Lifts	0		63	0.31
Building Construction - Site 2	Cranes	1	4.00	231	0.29
Building Construction - Site 2	Forklifts	2	6.00	89	0.20
Building Construction - Site 2	Generator Sets	0	0.00	97	0.37
Building Construction - Site 2	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - Site 2	Welders	0	0.00	46	0.45
Paving - Site 2	Cement and Mortar Mixers	4	6.00	9	0.56
Paving - Site 2	Pavers	1	7.00	130	0.42
Paving - Site 2	Paving Equipment	0	0.00	132	0.36
Paving - Site 2	Rollers	1	7.00	80	0.38
Paving - Site 2	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating - Site 2	Air Compressors	1	6.00	78	0.48
Demolition - Site 3	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition - Site 3	Excavators	0	0.00	158	0.38
Demolition - Site 3	Rubber Tired Dozers	1	1.00	247	0.40
Demolition - Site 3	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving - Site 1	Cement and Mortar Mixers	1	6.00	9	0.56
Paving - Site 1	Pavers	1	6.00	130	0.42

Paving - Site 1	Paving Equipment	1	8.00	132	0.36
Paving - Site 1	Rollers	1	7.00	80	0.38
Paving - Site 1	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Demolition - Site 4	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition - Site 4	Excavators	0	0.00	158	0.38
Demolition - Site 4	Rubber Tired Dozers	1	8.00	247	0.40
Demolition - Site 4	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Architectural Coating - Site 1	Air Compressors	1	6.00	78	0.48
Demolition - Site 5	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition - Site 5	Excavators	0	0.00	158	0.38
Demolition - Site 5	Rubber Tired Dozers	1	1.00	247	0.40
Demolition - Site 5	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Site Preparation - Site 5	Graders	1	8.00	187	0.41
Site Preparation - Site 5	Rubber Tired Dozers	0	0.00	247	0.40
Site Preparation - Site 5	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading - Site 5	Concrete/Industrial Saws	1	8.00	81	0.73
Grading - Site 5	Excavators	0	0.00	158	0.38
Grading - Site 5	Graders	0	0.00	187	0.41
Grading - Site 5	Rubber Tired Dozers	1	1.00	247	0.40
Grading - Site 5	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading - Site 5	Trenchers	1	8.00	78	0.50
Building Construction - Site 5	Cranes	1	4.00	231	0.29
Building Construction - Site 5	Cranes	1	6.00	350	0.29
Building Construction - Site 5	Forklifts	2	6.00	89	0.20
Building Construction - Site 5	Generator Sets	0	0.00	84	0.74
Building Construction - Site 5	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - Site 5	Welders	0	0.00	46	0.45
Site Preparation - Site 4	Graders	1	8.00	187	0.41
Site Preparation - Site 4	Rubber Tired Dozers	0	0.00	247	0.40
Site Preparation - Site 4	Scrapers	1	8.00	367	0.48
Site Preparation - Site 4	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading - Site 4	Excavators	0	0.00	158	0.38

Grading - Site 4	Graders	1	8.00	187	0.41
Grading - Site 4	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Site 4	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Grading - Site 4	Trenchers	1	8.00	78	0.50
Building Construction - Site 4	Cranes	1	8.00	231	0.29
Building Construction - Site 4	Cranes	1	6.00	350	0.29
Building Construction - Site 4	Forklifts	2	7.00	89	0.20
Building Construction - Site 4	Generator Sets	1	8.00	84	0.74
Building Construction - Site 4	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction - Site 4	Welders	3	8.00	46	0.45
Paving - Site 5	Cement and Mortar Mixers	4	6.00	9	0.56
Paving - Site 5	Pavers	1	7.00	130	0.42
Paving - Site 5	Paving Equipment	0	0.00	132	0.36
Paving - Site 5	Rollers	1	7.00	80	0.38
Paving - Site 5	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating - Site 5	Air Compressors	1	6.00	78	0.48
Paving - Site 4	Cement and Mortar Mixers	1	8.00	9	0.56
Paving - Site 4	Pavers	1	8.00	130	0.42
Paving - Site 4	Paving Equipment	1	8.00	132	0.36
Paving - Site 4	Rollers	2	8.00	80	0.38
Paving - Site 4	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating - Site 4	Air Compressors	1	6.00	78	0.48
Demolition - Site 6	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition - Site 6	Excavators	0	0.00	158	0.38
Demolition - Site 6	Rubber Tired Dozers	1	1.00	247	0.40
Demolition - Site 6	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Site Preparation - Site 6	Graders	1	8.00	187	0.41
Site Preparation - Site 6	Rubber Tired Dozers	0	0.00	247	0.40
Site Preparation - Site 6	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading - Site 6	Concrete/Industrial Saws	1	8.00	81	0.73
Grading - Site 6	Excavators	0	0.00	158	0.38
Grading - Site 6	Graders	0	0.00	187	0.41

Grading - Site 6	Rubber Tired Dozers	1	1.00	247	0.40
Grading - Site 6	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading - Site 6	Trenchers	1	8.00	78	0.50
Building Construction - Site 6	Cranes	1	4.00	231	0.29
Building Construction - Site 6	Cranes	1	6.00	350	0.29
Building Construction - Site 6	Forklifts	2	6.00	89	0.20
Building Construction - Site 6	Generator Sets	0	0.00	84	0.74
Building Construction - Site 6	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - Site 6	Welders	0	0.00	46	0.45
Site Preparation - Site 3	Graders	1	8.00	187	0.41
Site Preparation - Site 3	Rubber Tired Dozers	0	0.00	247	0.40
Site Preparation - Site 3	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading - Site 3	Concrete/Industrial Saws	1	8.00	81	0.73
Grading - Site 3	Excavators	0	0.00	158	0.38
Grading - Site 3	Graders	0	0.00	187	0.41
Grading - Site 3	Rubber Tired Dozers	1	1.00	247	0.40
Grading - Site 3	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading - Site 3	Trenchers	1	8.00	78	0.50
Building Construction - Site 3	Cranes	1	4.00	231	0.29
Building Construction - Site 3	Forklifts	2	6.00	89	0.20
Building Construction - Site 3	Generator Sets	0	0.00	84	0.74
Building Construction - Site 3	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - Site 3	Welders	0	0.00	46	0.45
Paving - Site 6	Cement and Mortar Mixers	4	6.00	9	0.56
Paving - Site 6	Pavers	1	7.00	130	0.42
Paving - Site 6	Paving Equipment	0	0.00	132	0.36
Paving - Site 6	Rollers	1	7.00	80	0.38
Paving - Site 6	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating - Site 6	Air Compressors	1	6.00	78	0.48
Paving - Site 3	Cement and Mortar Mixers	4	6.00	9	0.56
Paving - Site 3	Pavers	1	7.00	130	0.42
Paving - Site 3	Paving Equipment	0	0.00	132	0.36

Paving - Site 3	Rollers	1	7.00	80	0.38
Paving - Site 3	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Architectural Coating - Site 3	Air Compressors	1	6.00	78	0.48

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 - Site 1	5	13.00	0.00	96.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition - Site 2	4	10.00	0.00	22.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Site 1	3	8.00	0.00	2,969.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Site 1	4	10.00	0.00	5,938.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Site 1	8	169.00	71.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Site 2	2	5.00	0.00	48.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Site 2	5	13.00	0.00	48.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Site 2	5	17.00	9.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Site 2	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Site 2	1	3.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition - Site 3	4	10.00	0.00	383.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Site 1	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition - Site 4	5	13.00	0.00	548.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Site 1	1	34.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition - Site 5	4	10.00	0.00	609.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Site 5	2	5.00	0.00	439.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Site 5	5	13.00	0.00	878.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Site 5	6	98.00	38.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Site 4	3	8.00	0.00	651.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Site 4	5	13.00	0.00	1,303.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Site 4	9	57.00	29.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Site 5	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Site 5	1	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Site 4	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Architectural Coating - Site 4	1	11.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition - Site 6	4	10.00	0.00	25.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Site 6	2	5.00	0.00	503.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Site 6	5	13.00	0.00	1,005.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Site 6	6	51.00	20.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Site 3	2	5.00	0.00	169.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Site 3	5	13.00	0.00	337.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Site 3	5	24.00	12.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Site 6	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Site 6	1	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Site 3	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Site 2	1	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - Site 1 - 2020

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					0.3180	0.0000	0.3180	0.0482	0.0000	0.0482			0.0000			0.0000
Off-Road	2.1262	20.9463	14.6573	0.0241		1.1525	1.1525		1.0761	1.0761		2,322.3127	2,322.3127	0.5970		2,337.2363
Total	2.1262	20.9463	14.6573	0.0241	0.3180	1.1525	1.4705	0.0482	1.0761	1.1243		2,322.3127	2,322.3127	0.5970		2,337.2363

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	0.0132	0.4302	0.1000	1.1500e-003	0.0258	1.3800e-003	0.0272	7.0800e-003	1.3200e-003	8.4000e-003		124.2231	124.2231	8.9200e-003		124.4460
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	0.0664	0.0471	0.5213	1.4500e-003	0.1453	1.2100e-003	0.1465	0.0385	1.1200e-003	0.0397		143.9647	143.9647	4.5400e-003		144.0781
Total	0.0796	0.4773	0.6213	2.6000e-003	0.1711	2.5900e-003	0.1737	0.0456	2.4400e-003	0.0481		268.1878	268.1878	0.0135		268.5241

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					0.1240	0.0000	0.1240	0.0188	0.0000	0.0188			0.0000			0.0000
Off-Road	2.1262	20.9463	14.6573	0.0241		1.1525	1.1525		1.0761	1.0761	0.0000	2,322.3127	2,322.3127	0.5970		2,337.2363
Total	2.1262	20.9463	14.6573	0.0241	0.1240	1.1525	1.2765	0.0188	1.0761	1.0949	0.0000	2,322.3127	2,322.3127	0.5970		2,337.2363

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	0.0132	0.4302	0.1000	1.1500e-003	0.0258	1.3800e-003	0.0272	7.0800e-003	1.3200e-003	8.4000e-003		124.2231	124.2231	8.9200e-003		124.4460

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	0.0664	0.0471	0.5213	1.4500e-003	0.1453	1.2100e-003	0.1465	0.0385	1.1200e-003	0.0397		143.9647	143.9647	4.5400e-003		144.0781
Total	0.0796	0.4773	0.6213	2.6000e-003	0.1711	2.5900e-003	0.1737	0.0456	2.4400e-003	0.0481		268.1878	268.1878	0.0135		268.5241

3.3 Site Preparation - Site 1 - 2020

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					2.2364	0.0000	2.2364	1.1771	0.0000	1.1771			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553		1,667.4119	1,667.4119	0.5393		1,680.8937
Total	1.6299	18.3464	7.7093	0.0172	2.2364	0.8210	3.0573	1.1771	0.7553	1.9324		1,667.4119	1,667.4119	0.5393		1,680.8937

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.0626	34.5903	8.0419	0.0922	2.0765	0.1107	2.1871	0.5692	0.1059	0.6751		9,988.8331	9,988.8331	0.7170		10,006.7574
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	0.0409	0.0290	0.3208	8.9000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		88.5936	88.5936	2.7900e-003		88.6634
Total	1.1034	34.6193	8.3627	0.0931	2.1659	0.1114	2.2773	0.5929	0.1066	0.6995		10,077.4268	10,077.4268	0.7198		10,095.4209

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					0.8722	0.0000	0.8722	0.4591	0.0000	0.4591			0.0000			0.0000
Off-Road	1.6299	18.3464	7.7093	0.0172		0.8210	0.8210		0.7553	0.7553	0.0000	1,667.4119	1,667.4119	0.5393		1,680.8937
Total	1.6299	18.3464	7.7093	0.0172	0.8722	0.8210	1.6931	0.4591	0.7553	1.2144	0.0000	1,667.4119	1,667.4119	0.5393		1,680.8937

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.0626	34.5903	8.0419	0.0922	2.0765	0.1107	2.1871	0.5692	0.1059	0.6751		9,988.8331	9,988.8331	0.7170		10,006.7574
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	0.0409	0.0290	0.3208	8.9000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		88.5936	88.5936	2.7900e-003		88.6634
Total	1.1034	34.6193	8.3627	0.0931	2.1659	0.1114	2.2773	0.5929	0.1066	0.6995		10,077.4268	10,077.4268	0.7198		10,095.4209

3.4 Grading - Site 1 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.2867	0.0000	1.2867	0.6740	0.0000	0.6740			0.0000			0.0000

Off-Road	1.7695	18.8819	9.0906	0.0175		0.9686	0.9686		0.8911	0.8911		1,692.5304	1,692.5304	0.5474		1,706.2154
Total	1.7695	18.8819	9.0906	0.0175	1.2867	0.9686	2.2553	0.6740	0.8911	1.5652		1,692.5304	1,692.5304	0.5474		1,706.2154

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	0.7084	23.0602	5.3613	0.0615	1.3843	0.0738	1.4581	0.3795	0.0706	0.4500		6,659.2221	6,659.2221	0.4780		6,671.1716
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	0.0511	0.0363	0.4010	1.1100e-003	0.1118	9.3000e-004	0.1127	0.0296	8.6000e-004	0.0305		110.7420	110.7420	3.4900e-003		110.8293
Total	0.7595	23.0965	5.7623	0.0626	1.4961	0.0747	1.5708	0.4091	0.0714	0.4805		6,769.9641	6,769.9641	0.4815		6,782.0009

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					0.5018	0.0000	0.5018	0.2629	0.0000	0.2629			0.0000			0.0000
Off-Road	1.7695	18.8819	9.0906	0.0175		0.9686	0.9686		0.8911	0.8911	0.0000	1,692.5304	1,692.5304	0.5474		1,706.2154
Total	1.7695	18.8819	9.0906	0.0175	0.5018	0.9686	1.4704	0.2629	0.8911	1.1540	0.0000	1,692.5304	1,692.5304	0.5474		1,706.2154

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	0.7084	23.0602	5.3613	0.0615	1.3843	0.0738	1.4581	0.3795	0.0706	0.4500		6,659.222 1	6,659.222 1	0.4780		6,671.171 6
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	0.0511	0.0363	0.4010	1.1100e-003	0.1118	9.3000e-004	0.1127	0.0296	8.6000e-004	0.0305		110.7420	110.7420	3.4900e-003		110.8293
Total	0.7595	23.0965	5.7623	0.0626	1.4961	0.0747	1.5708	0.4091	0.0714	0.4805		6,769.964 1	6,769.964 1	0.4815		6,782.000 9

3.5 Demolition - Site 2 - 2020
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					0.1149	0.0000	0.1149	0.0174	0.0000	0.0174			0.0000			0.0000
Off-Road	0.8674	7.8729	7.6226	0.0120		0.4672	0.4672		0.4457	0.4457		1,147.235 2	1,147.235 2	0.2169		1,152.657 8
Total	0.8674	7.8729	7.6226	0.0120	0.1149	0.4672	0.5821	0.0174	0.4457	0.4631		1,147.235 2	1,147.235 2	0.2169		1,152.657 8

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	4.6900e-003	0.1526	0.0355	4.1000e-004	9.1600e-003	4.9000e-004	9.6500e-003	2.5100e-003	4.7000e-004	2.9800e-003		44.0573	44.0573	3.1600e-003		44.1364

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	0.0511	0.0363	0.4010	1.1100e-003	0.1118	9.3000e-004	0.1127	0.0296	8.6000e-004	0.0305		110.7420	110.7420	3.4900e-003		110.8293
Total	0.0558	0.1888	0.4365	1.5200e-003	0.1209	1.4200e-003	0.1224	0.0322	1.3300e-003	0.0335		154.7994	154.7994	6.6500e-003		154.9657

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					0.0448	0.0000	0.0448	6.7900e-003	0.0000	6.7900e-003			0.0000			0.0000
Off-Road	0.8674	7.8729	7.6226	0.0120		0.4672	0.4672		0.4457	0.4457	0.0000	1,147.2352	1,147.2352	0.2169		1,152.6578
Total	0.8674	7.8729	7.6226	0.0120	0.0448	0.4672	0.5120	6.7900e-003	0.4457	0.4525	0.0000	1,147.2352	1,147.2352	0.2169		1,152.6578

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	4.6900e-003	0.1526	0.0355	4.1000e-004	9.1600e-003	4.9000e-004	9.6500e-003	2.5100e-003	4.7000e-004	2.9800e-003		44.0573	44.0573	3.1600e-003		44.1364
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	0.0511	0.0363	0.4010	1.1100e-003	0.1118	9.3000e-004	0.1127	0.0296	8.6000e-004	0.0305		110.7420	110.7420	3.4900e-003		110.8293
Total	0.0558	0.1888	0.4365	1.5200e-003	0.1209	1.4200e-003	0.1224	0.0322	1.3300e-003	0.0335		154.7994	154.7994	6.6500e-003		154.9657

3.6 Building Construction - Site 1 - 2020

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	2.4610	19.9740	16.7599	0.0286		1.0038	1.0038		0.9601	0.9601		2,635.6229	2,635.6229	0.5767		2,650.0401
Total	2.4610	19.9740	16.7599	0.0286		1.0038	1.0038		0.9601	0.9601		2,635.6229	2,635.6229	0.5767		2,650.0401

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	0.2640	7.5509	2.1824	0.0179	0.4545	0.0361	0.4907	0.1309	0.0345	0.1654		1,913.0884	1,913.0884	0.1279		1,916.2865
Worker	0.8636	0.6126	6.7771	0.0188	1.8890	0.0158	1.9048	0.5010	0.0146	0.5155		1,871.5405	1,871.5405	0.0590		1,873.0152
Total	1.1276	8.1635	8.9595	0.0367	2.3436	0.0519	2.3955	0.6319	0.0491	0.6809		3,784.6288	3,784.6288	0.1869		3,789.3017

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	2.4610	19.9740	16.7599	0.0286		1.0038	1.0038		0.9601	0.9601	0.0000	2,635.6229	2,635.6229	0.5767		2,650.0401

Total	2.4610	19.9740	16.7599	0.0286		1.0038	1.0038		0.9601	0.9601	0.0000	2,635.6229	2,635.6229	0.5767		2,650.0401
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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	0.2640	7.5509	2.1824	0.0179	0.4545	0.0361	0.4907	0.1309	0.0345	0.1654		1,913.0884	1,913.0884	0.1279		1,916.2865
Worker	0.8636	0.6126	6.7771	0.0188	1.8890	0.0158	1.9048	0.5010	0.0146	0.5155		1,871.5405	1,871.5405	0.0590		1,873.0152
Total	1.1276	8.1635	8.9595	0.0367	2.3436	0.0519	2.3955	0.6319	0.0491	0.6809		3,784.6288	3,784.6288	0.1869		3,789.3017

3.6 Building Construction - Site 1 - 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	2.2091	18.2581	16.1865	0.0286		0.8703	0.8703		0.8319	0.8319		2,635.5457	2,635.5457	0.5624		2,649.6062
Total	2.2091	18.2581	16.1865	0.0286		0.8703	0.8703		0.8319	0.8319		2,635.5457	2,635.5457	0.5624		2,649.6062

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	0.2266	6.8791	1.9935	0.0178	0.4546	0.0146	0.4691	0.1309	0.0139	0.1448		1,898.153 2	1,898.153 2	0.1225		1,901.216 7
Worker	0.8058	0.5512	6.2235	0.0182	1.8890	0.0153	1.9043	0.5010	0.0141	0.5150		1,812.104 3	1,812.104 3	0.0533		1,813.437 4
Total	1.0324	7.4303	8.2170	0.0360	2.3436	0.0298	2.3734	0.6319	0.0280	0.6598		3,710.257 6	3,710.257 6	0.1759		3,714.654 1

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	2.2091	18.2581	16.1865	0.0286		0.8703	0.8703		0.8319	0.8319	0.0000	2,635.545 7	2,635.545 7	0.5624		2,649.606 2
Total	2.2091	18.2581	16.1865	0.0286		0.8703	0.8703		0.8319	0.8319	0.0000	2,635.545 7	2,635.545 7	0.5624		2,649.606 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Vendor	0.2266	6.8791	1.9935	0.0178	0.4546	0.0146	0.4691	0.1309	0.0139	0.1448		1,898.153 2	1,898.153 2	0.1225		1,901.216 7
Worker	0.8058	0.5512	6.2235	0.0182	1.8890	0.0153	1.9043	0.5010	0.0141	0.5150		1,812.104 3	1,812.104 3	0.0533		1,813.437 4
Total	1.0324	7.4303	8.2170	0.0360	2.3436	0.0298	2.3734	0.6319	0.0280	0.6598		3,710.257 6	3,710.257 6	0.1759		3,714.654 1

3.6 Building Construction - Site 1 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9990	16.3882	15.6963	0.0286		0.7464	0.7464		0.7137	0.7137		2,635.499 8	2,635.499 8	0.5536		2,649.340 8
Total	1.9990	16.3882	15.6963	0.0286		0.7464	0.7464		0.7137	0.7137		2,635.499 8	2,635.499 8	0.5536		2,649.340 8

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	0.2127	6.5376	1.8870	0.0176	0.4546	0.0127	0.4673	0.1309	0.0122	0.1431		1,881.289 0	1,881.289 0	0.1182		1,884.244 8
Worker	0.7569	0.4978	5.7321	0.0175	1.8890	0.0148	1.9038	0.5010	0.0136	0.5146		1,748.422 4	1,748.422 4	0.0481		1,749.625 9
Total	0.9695	7.0354	7.6190	0.0351	2.3436	0.0275	2.3711	0.6319	0.0258	0.6577		3,629.711 4	3,629.711 4	0.1664		3,633.870 8

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9990	16.3882	15.6963	0.0286		0.7464	0.7464		0.7137	0.7137	0.0000	2,635.4998	2,635.4998	0.5536		2,649.3408
Total	1.9990	16.3882	15.6963	0.0286		0.7464	0.7464		0.7137	0.7137	0.0000	2,635.4998	2,635.4998	0.5536		2,649.3408

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	0.2127	6.5376	1.8870	0.0176	0.4546	0.0127	0.4673	0.1309	0.0122	0.1431		1,881.2890	1,881.2890	0.1182		1,884.2448
Worker	0.7569	0.4978	5.7321	0.0175	1.8890	0.0148	1.9038	0.5010	0.0136	0.5146		1,748.4224	1,748.4224	0.0481		1,749.6259
Total	0.9695	7.0354	7.6190	0.0351	2.3436	0.0275	2.3711	0.6319	0.0258	0.6577		3,629.7114	3,629.7114	0.1664		3,633.8708

3.7 Site Preparation - Site 2 - 2020

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					0.1433	0.0000	0.1433	0.0159	0.0000	0.0159			0.0000			0.0000

Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085		943.4872	943.4872	0.3051		951.1158
Total	0.6853	8.4307	4.0942	9.7400e-003	0.1433	0.3353	0.4787	0.0159	0.3085	0.3245		943.4872	943.4872	0.3051		951.1158

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	0.1074	3.4952	0.8126	9.3100e-003	0.2098	0.0112	0.2210	0.0575	0.0107	0.0682		1,009.3129	1,009.3129	0.0725		1,011.1240
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	0.0256	0.0181	0.2005	5.6000e-004	0.0559	4.7000e-004	0.0564	0.0148	4.3000e-004	0.0153		55.3710	55.3710	1.7500e-003		55.4147
Total	0.1329	3.5133	1.0131	9.8700e-003	0.2657	0.0117	0.2774	0.0723	0.0111	0.0835		1,064.6839	1,064.6839	0.0742		1,066.5387

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					0.0559	0.0000	0.0559	6.2200e-003	0.0000	6.2200e-003			0.0000			0.0000
Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085	0.0000	943.4872	943.4872	0.3051		951.1158
Total	0.6853	8.4307	4.0942	9.7400e-003	0.0559	0.3353	0.3912	6.2200e-003	0.3085	0.3147	0.0000	943.4872	943.4872	0.3051		951.1158

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	0.1074	3.4952	0.8126	9.3100e-003	0.2098	0.0112	0.2210	0.0575	0.0107	0.0682		1,009.3129	1,009.3129	0.0725		1,011.1240
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	0.0256	0.0181	0.2005	5.6000e-004	0.0559	4.7000e-004	0.0564	0.0148	4.3000e-004	0.0153		55.3710	55.3710	1.7500e-003		55.4147
Total	0.1329	3.5133	1.0131	9.8700e-003	0.2657	0.0117	0.2774	0.0723	0.0111	0.0835		1,064.6839	1,064.6839	0.0742		1,066.5387

3.8 Grading - Site 2 - 2020
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					0.7599	0.0000	0.7599	0.4149	0.0000	0.4149			0.0000			0.0000
Off-Road	1.2871	11.6694	10.2589	0.0154		0.7514	0.7514		0.7072	0.7072		1,474.0473	1,474.0473	0.3226		1,482.1123
Total	1.2871	11.6694	10.2589	0.0154	0.7599	0.7514	1.5114	0.4149	0.7072	1.1220		1,474.0473	1,474.0473	0.3226		1,482.1123

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	0.0716	2.3301	0.5417	6.2100e-003	0.1399	7.4500e-003	0.1473	0.0383	7.1300e-003	0.0455		672.8753	672.8753	0.0483		674.0827

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	0.0664	0.0471	0.5213	1.4500e-003	0.1453	1.2100e-003	0.1465	0.0385	1.1200e-003	0.0397		143.9647	143.9647	4.5400e-003		144.0781
Total	0.1380	2.3772	1.0630	7.6600e-003	0.2852	8.6600e-003	0.2939	0.0769	8.2500e-003	0.0851		816.8399	816.8399	0.0528		818.1608

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					0.2964	0.0000	0.2964	0.1618	0.0000	0.1618			0.0000			0.0000
Off-Road	1.2871	11.6694	10.2589	0.0154		0.7514	0.7514		0.7072	0.7072	0.0000	1,474.0473	1,474.0473	0.3226		1,482.1123
Total	1.2871	11.6694	10.2589	0.0154	0.2964	0.7514	1.0478	0.1618	0.7072	0.8690	0.0000	1,474.0473	1,474.0473	0.3226		1,482.1123

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	0.0716	2.3301	0.5417	6.2100e-003	0.1399	7.4500e-003	0.1473	0.0383	7.1300e-003	0.0455		672.8753	672.8753	0.0483		674.0827
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	0.0664	0.0471	0.5213	1.4500e-003	0.1453	1.2100e-003	0.1465	0.0385	1.1200e-003	0.0397		143.9647	143.9647	4.5400e-003		144.0781
Total	0.1380	2.3772	1.0630	7.6600e-003	0.2852	8.6600e-003	0.2939	0.0769	8.2500e-003	0.0851		816.8399	816.8399	0.0528		818.1608

3.9 Building Construction - Site 2 - 2020

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	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806		1,102.978 1	1,102.978 1	0.3567		1,111.896 2
Total	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806		1,102.978 1	1,102.978 1	0.3567		1,111.896 2

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0335	0.9572	0.2767	2.2700e-003	0.0576	4.5800e-003	0.0622	0.0166	4.3800e-003	0.0210		242.5042	242.5042	0.0162		242.9096
Worker	0.0869	0.0616	0.6817	1.8900e-003	0.1900	1.5900e-003	0.1916	0.0504	1.4600e-003	0.0519		188.2615	188.2615	5.9300e-003		188.4098
Total	0.1203	1.0188	0.9584	4.1600e-003	0.2476	6.1700e-003	0.2538	0.0670	5.8400e-003	0.0728		430.7656	430.7656	0.0222		431.3194

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	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806	0.0000	1,102.978 1	1,102.978 1	0.3567		1,111.896 2

Total	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806	0.0000	1,102.978 1	1,102.978 1	0.3567		1,111.896 2
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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	0.0335	0.9572	0.2767	2.2700e-003	0.0576	4.5800e-003	0.0622	0.0166	4.3800e-003	0.0210		242.5042	242.5042	0.0162		242.9096
Worker	0.0869	0.0616	0.6817	1.8900e-003	0.1900	1.5900e-003	0.1916	0.0504	1.4600e-003	0.0519		188.2615	188.2615	5.9300e-003		188.4098
Total	0.1203	1.0188	0.9584	4.1600e-003	0.2476	6.1700e-003	0.2538	0.0670	5.8400e-003	0.0728		430.7656	430.7656	0.0222		431.3194

3.9 Building Construction - Site 2 - 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		1,103.215 8	1,103.215 8	0.3568		1,112.135 8
Total	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.215 8	1,103.215 8	0.3568		1,112.135 8

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0287	0.8720	0.2527	2.2500e-003	0.0576	1.8400e-003	0.0595	0.0166	1.7600e-003	0.0184		240.6110	240.6110	0.0155		240.9993
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	0.1098	0.9275	0.8787	4.0800e-003	0.2476	3.3800e-003	0.2510	0.0670	3.1700e-003	0.0702		422.8937	422.8937	0.0209		423.4161

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

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Vendor	0.0287	0.8720	0.2527	2.2500e-003	0.0576	1.8400e-003	0.0595	0.0166	1.7600e-003	0.0184		240.6110	240.6110	0.0155		240.9993
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	0.1098	0.9275	0.8787	4.0800e-003	0.2476	3.3800e-003	0.2510	0.0670	3.1700e-003	0.0702		422.8937	422.8937	0.0209		423.4161

3.9 Building Construction - Site 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6863	7.0258	7.1527	0.0114		0.3719	0.3719		0.3422	0.3422		1,103.9393	1,103.9393	0.3570		1,112.8652
Total	0.6863	7.0258	7.1527	0.0114		0.3719	0.3719		0.3422	0.3422		1,103.9393	1,103.9393	0.3570		1,112.8652

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	0.0270	0.8287	0.2392	2.2300e-003	0.0576	1.6100e-003	0.0592	0.0166	1.5400e-003	0.0181		238.4733	238.4733	0.0150		238.8479
Worker	0.0761	0.0501	0.5766	1.7600e-003	0.1900	1.4900e-003	0.1915	0.0504	1.3700e-003	0.0518		175.8768	175.8768	4.8400e-003		175.9979
Total	0.1031	0.8788	0.8158	3.9900e-003	0.2476	3.1000e-003	0.2507	0.0670	2.9100e-003	0.0699		414.3501	414.3501	0.0198		414.8458

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	0.6863	7.0258	7.1527	0.0114		0.3719	0.3719		0.3422	0.3422	0.0000	1,103.9393	1,103.9393	0.3570		1,112.8652
Total	0.6863	7.0258	7.1527	0.0114		0.3719	0.3719		0.3422	0.3422	0.0000	1,103.9393	1,103.9393	0.3570		1,112.8652

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	0.0270	0.8287	0.2392	2.2300e-003	0.0576	1.6100e-003	0.0592	0.0166	1.5400e-003	0.0181		238.4733	238.4733	0.0150		238.8479
Worker	0.0761	0.0501	0.5766	1.7600e-003	0.1900	1.4900e-003	0.1915	0.0504	1.3700e-003	0.0518		175.8768	175.8768	4.8400e-003		175.9979
Total	0.1031	0.8788	0.8158	3.9900e-003	0.2476	3.1000e-003	0.2507	0.0670	2.9100e-003	0.0699		414.3501	414.3501	0.0198		414.8458

3.10 Paving - Site 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6469	5.9174	7.0348	0.0113		0.2961	0.2961		0.2758	0.2758		1,035.8246	1,035.8246	0.3017		1,043.3677

Paving	8.7300e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6557	5.9174	7.0348	0.0113		0.2961	0.2961		0.2758	0.2758		1,035.8246	1,035.8246	0.3017		1,043.3677

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	0.0806	0.0530	0.6105	1.8700e-003	0.2012	1.5700e-003	0.2028	0.0534	1.4500e-003	0.0548		186.2225	186.2225	5.1300e-003		186.3507
Total	0.0806	0.0530	0.6105	1.8700e-003	0.2012	1.5700e-003	0.2028	0.0534	1.4500e-003	0.0548		186.2225	186.2225	5.1300e-003		186.3507

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	0.6469	5.9174	7.0348	0.0113		0.2961	0.2961		0.2758	0.2758	0.0000	1,035.8246	1,035.8246	0.3017		1,043.3677
Paving	8.7300e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6557	5.9174	7.0348	0.0113		0.2961	0.2961		0.2758	0.2758	0.0000	1,035.8246	1,035.8246	0.3017		1,043.3677

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	0.0806	0.0530	0.6105	1.8700e-003	0.2012	1.5700e-003	0.2028	0.0534	1.4500e-003	0.0548		186.2225	186.2225	5.1300e-003		186.3507
Total	0.0806	0.0530	0.6105	1.8700e-003	0.2012	1.5700e-003	0.2028	0.0534	1.4500e-003	0.0548		186.2225	186.2225	5.1300e-003		186.3507

3.11 Architectural Coating - Site 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	19.3570					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	19.5615	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

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	0.0134	8.8400e-003	0.1018	3.1000e-004	0.0335	2.6000e-004	0.0338	8.8900e-003	2.4000e-004	9.1300e-003		31.0371	31.0371	8.5000e-004		31.0585
Total	0.0134	8.8400e-003	0.1018	3.1000e-004	0.0335	2.6000e-004	0.0338	8.8900e-003	2.4000e-004	9.1300e-003		31.0371	31.0371	8.5000e-004		31.0585

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	19.3570					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	19.5615	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062

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	0.0134	8.8400e-003	0.1018	3.1000e-004	0.0335	2.6000e-004	0.0338	8.8900e-003	2.4000e-004	9.1300e-003		31.0371	31.0371	8.5000e-004		31.0585
Total	0.0134	8.8400e-003	0.1018	3.1000e-004	0.0335	2.6000e-004	0.0338	8.8900e-003	2.4000e-004	9.1300e-003		31.0371	31.0371	8.5000e-004		31.0585

3.12 Demolition - Site 3 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3178	0.0000	0.3178	0.0481	0.0000	0.0481			0.0000			0.0000
Off-Road	0.7094	6.4138	7.4693	0.0120		0.3375	0.3375		0.3225	0.3225		1,147.9025	1,147.9025	0.2119		1,153.2001
Total	0.7094	6.4138	7.4693	0.0120	0.3178	0.3375	0.6553	0.0481	0.3225	0.3707		1,147.9025	1,147.9025	0.2119		1,153.2001

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	0.0119	0.3698	0.0967	1.1100e-003	0.0449	1.0700e-003	0.0460	0.0118	1.0200e-003	0.0128		120.5961	120.5961	8.5900e-003		120.8108
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	0.0448	0.0295	0.3392	1.0400e-003	0.1118	8.7000e-004	0.1127	0.0296	8.1000e-004	0.0305		103.4570	103.4570	2.8500e-003		103.5282
Total	0.0567	0.3993	0.4359	2.1500e-003	0.1567	1.9400e-003	0.1586	0.0414	1.8300e-003	0.0432		224.0531	224.0531	0.0114		224.3389

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					0.1239	0.0000	0.1239	0.0188	0.0000	0.0188			0.0000			0.0000

Off-Road	0.7094	6.4138	7.4693	0.0120		0.3375	0.3375		0.3225	0.3225	0.0000	1,147.9025	1,147.9025	0.2119		1,153.2001
Total	0.7094	6.4138	7.4693	0.0120	0.1239	0.3375	0.4615	0.0188	0.3225	0.3413	0.0000	1,147.9025	1,147.9025	0.2119		1,153.2001

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	0.0119	0.3698	0.0967	1.1100e-003	0.0449	1.0700e-003	0.0460	0.0118	1.0200e-003	0.0128		120.5961	120.5961	8.5900e-003		120.8108
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	0.0448	0.0295	0.3392	1.0400e-003	0.1118	8.7000e-004	0.1127	0.0296	8.1000e-004	0.0305		103.4570	103.4570	2.8500e-003		103.5282
Total	0.0567	0.3993	0.4359	2.1500e-003	0.1567	1.9400e-003	0.1586	0.0414	1.8300e-003	0.0432		224.0531	224.0531	0.0114		224.3389

3.12 Demolition - Site 3 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3178	0.0000	0.3178	0.0481	0.0000	0.0481			0.0000			0.0000
Off-Road	0.6463	5.7787	7.3926	0.0120		0.2821	0.2821		0.2698	0.2698		1,148.4055	1,148.4055	0.2089		1,153.6290
Total	0.6463	5.7787	7.3926	0.0120	0.3178	0.2821	0.5999	0.0481	0.2698	0.3179		1,148.4055	1,148.4055	0.2089		1,153.6290

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	7.8300e-003	0.2429	0.0870	1.0600e-003	0.0452	4.5000e-004	0.0457	0.0118	4.3000e-004	0.0123		115.5806	115.5806	7.9500e-003		115.7794
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	0.0422	0.0266	0.3118	1.0000e-003	0.1118	8.5000e-004	0.1126	0.0296	7.8000e-004	0.0304		99.6721	99.6721	2.5700e-003		99.7362
Total	0.0500	0.2696	0.3987	2.0600e-003	0.1570	1.3000e-003	0.1583	0.0415	1.2100e-003	0.0427		215.2527	215.2527	0.0105		215.5155

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					0.1239	0.0000	0.1239	0.0188	0.0000	0.0188			0.0000			0.0000
Off-Road	0.6463	5.7787	7.3926	0.0120		0.2821	0.2821		0.2698	0.2698	0.0000	1,148.4055	1,148.4055	0.2089		1,153.6290
Total	0.6463	5.7787	7.3926	0.0120	0.1239	0.2821	0.4061	0.0188	0.2698	0.2886	0.0000	1,148.4055	1,148.4055	0.2089		1,153.6290

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	7.8300e-003	0.2429	0.0870	1.0600e-003	0.0452	4.5000e-004	0.0457	0.0118	4.3000e-004	0.0123		115.5806	115.5806	7.9500e-003		115.7794

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	0.0422	0.0266	0.3118	1.0000e-003	0.1118	8.5000e-004	0.1126	0.0296	7.8000e-004	0.0304		99.6721	99.6721	2.5700e-003		99.7362
Total	0.0500	0.2696	0.3987	2.0600e-003	0.1570	1.3000e-003	0.1583	0.0415	1.2100e-003	0.0427		215.2527	215.2527	0.0105		215.5155

3.13 Paving - Site 1 - 2022
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6877	6.7738	8.8060	0.0135		0.3474	0.3474		0.3205	0.3205		1,297.3789	1,297.3789	0.4113		1,307.6608
Paving	5.7000e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6934	6.7738	8.8060	0.0135		0.3474	0.3474		0.3205	0.3205		1,297.3789	1,297.3789	0.4113		1,307.6608

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	0.0582	0.0383	0.4409	1.3500e-003	0.1453	1.1400e-003	0.1465	0.0385	1.0500e-003	0.0396		134.4940	134.4940	3.7000e-003		134.5866
Total	0.0582	0.0383	0.4409	1.3500e-003	0.1453	1.1400e-003	0.1465	0.0385	1.0500e-003	0.0396		134.4940	134.4940	3.7000e-003		134.5866

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	0.6877	6.7738	8.8060	0.0135		0.3474	0.3474		0.3205	0.3205	0.0000	1,297.3789	1,297.3789	0.4113		1,307.6608
Paving	5.7000e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6934	6.7738	8.8060	0.0135		0.3474	0.3474		0.3205	0.3205	0.0000	1,297.3789	1,297.3789	0.4113		1,307.6608

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	0.0582	0.0383	0.4409	1.3500e-003	0.1453	1.1400e-003	0.1465	0.0385	1.0500e-003	0.0396		134.4940	134.4940	3.7000e-003		134.5866
Total	0.0582	0.0383	0.4409	1.3500e-003	0.1453	1.1400e-003	0.1465	0.0385	1.0500e-003	0.0396		134.4940	134.4940	3.7000e-003		134.5866

3.14 Demolition - Site 4 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4945	0.0000	0.4945	0.0749	0.0000	0.0749			0.0000			0.0000

Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829		2,323.4168	2,323.4168	0.5921		2,338.2191
Total	1.6889	16.6217	13.9605	0.0241	0.4945	0.8379	1.3324	0.0749	0.7829	0.8578		2,323.4168	2,323.4168	0.5921		2,338.2191

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	0.0186	0.5755	0.1504	1.7300e-003	0.0756	1.6600e-003	0.0773	0.0197	1.5900e-003	0.0213		187.6482	187.6482	0.0134		187.9822
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	0.0582	0.0383	0.4409	1.3500e-003	0.1453	1.1400e-003	0.1465	0.0385	1.0500e-003	0.0396		134.4940	134.4940	3.7000e-003		134.5866
Total	0.0768	0.6138	0.5914	3.0800e-003	0.2209	2.8000e-003	0.2237	0.0582	2.6400e-003	0.0609		322.1422	322.1422	0.0171		322.5688

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					0.1928	0.0000	0.1928	0.0292	0.0000	0.0292			0.0000			0.0000
Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829	0.0000	2,323.4168	2,323.4168	0.5921		2,338.2191
Total	1.6889	16.6217	13.9605	0.0241	0.1928	0.8379	1.0307	0.0292	0.7829	0.8121	0.0000	2,323.4168	2,323.4168	0.5921		2,338.2191

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	0.0186	0.5755	0.1504	1.7300e-003	0.0756	1.6600e-003	0.0773	0.0197	1.5900e-003	0.0213		187.6482	187.6482	0.0134		187.9822
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	0.0582	0.0383	0.4409	1.3500e-003	0.1453	1.1400e-003	0.1465	0.0385	1.0500e-003	0.0396		134.4940	134.4940	3.7000e-003		134.5866
Total	0.0768	0.6138	0.5914	3.0800e-003	0.2209	2.8000e-003	0.2237	0.0582	2.6400e-003	0.0609		322.1422	322.1422	0.0171		322.5688

3.14 Demolition - Site 4 - 2023
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4945	0.0000	0.4945	0.0749	0.0000	0.0749			0.0000			0.0000
Off-Road	1.4725	14.3184	13.4577	0.0241		0.6766	0.6766		0.6328	0.6328		2,324.3959	2,324.3959	0.5893		2,339.1278
Total	1.4725	14.3184	13.4577	0.0241	0.4945	0.6766	1.1711	0.0749	0.6328	0.7076		2,324.3959	2,324.3959	0.5893		2,339.1278

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	0.0122	0.3780	0.1353	1.6500e-003	0.0655	7.0000e-004	0.0662	0.0172	6.7000e-004	0.0179		179.8441	179.8441	0.0124		180.1533

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	0.0549	0.0346	0.4053	1.3000e-003	0.1453	1.1100e-003	0.1464	0.0385	1.0200e-003	0.0396		129.5737	129.5737	3.3300e-003		129.6570
Total	0.0670	0.4126	0.5406	2.9500e-003	0.2108	1.8100e-003	0.2126	0.0558	1.6900e-003	0.0574		309.4177	309.4177	0.0157		309.8103

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					0.1928	0.0000	0.1928	0.0292	0.0000	0.0292			0.0000			0.0000
Off-Road	1.4725	14.3184	13.4577	0.0241		0.6766	0.6766		0.6328	0.6328	0.0000	2,324.3959	2,324.3959	0.5893		2,339.1278
Total	1.4725	14.3184	13.4577	0.0241	0.1928	0.6766	0.8695	0.0292	0.6328	0.6620	0.0000	2,324.3959	2,324.3959	0.5893		2,339.1278

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	0.0122	0.3780	0.1353	1.6500e-003	0.0655	7.0000e-004	0.0662	0.0172	6.7000e-004	0.0179		179.8441	179.8441	0.0124		180.1533
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	0.0549	0.0346	0.4053	1.3000e-003	0.1453	1.1100e-003	0.1464	0.0385	1.0200e-003	0.0396		129.5737	129.5737	3.3300e-003		129.6570
Total	0.0670	0.4126	0.5406	2.9500e-003	0.2108	1.8100e-003	0.2126	0.0558	1.6900e-003	0.0574		309.4177	309.4177	0.0157		309.8103

3.15 Architectural Coating - Site 1 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	36.4085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	36.6131	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

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	0.1523	0.1001	1.1532	3.5300e-003	0.3800	2.9700e-003	0.3830	0.1008	2.7400e-003	0.1035		351.7536	351.7536	9.6900e-003		351.9958
Total	0.1523	0.1001	1.1532	3.5300e-003	0.3800	2.9700e-003	0.3830	0.1008	2.7400e-003	0.1035		351.7536	351.7536	9.6900e-003		351.9958

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	36.4085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	36.6131	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062

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	0.1523	0.1001	1.1532	3.5300e-003	0.3800	2.9700e-003	0.3830	0.1008	2.7400e-003	0.1035		351.7536	351.7536	9.6900e-003		351.9958
Total	0.1523	0.1001	1.1532	3.5300e-003	0.3800	2.9700e-003	0.3830	0.1008	2.7400e-003	0.1035		351.7536	351.7536	9.6900e-003		351.9958

3.16 Demolition - Site 5 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.8674	0.0000	0.8674	0.1313	0.0000	0.1313			0.0000			0.0000
Off-Road	0.6156	5.4776	7.3949	0.0120		0.2504	0.2504		0.2392	0.2392		1,148.6874	1,148.6874	0.2080		1,153.8870
Total	0.6156	5.4776	7.3949	0.0120	0.8674	0.2504	1.1178	0.1313	0.2392	0.3705		1,148.6874	1,148.6874	0.2080		1,153.8870

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0214	0.6588	0.2398	2.8800e-003	0.0701	1.2100e-003	0.0713	0.0192	1.1600e-003	0.0204		314.1756	314.1756	0.0217		314.7177
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	0.0400	0.0243	0.2902	9.7000e-004	0.1118	8.4000e-004	0.1126	0.0296	7.7000e-004	0.0304		96.5804	96.5804	2.3500e-003		96.6391
Total	0.0615	0.6831	0.5300	3.8500e-003	0.1819	2.0500e-003	0.1839	0.0489	1.9300e-003	0.0508		410.7560	410.7560	0.0240		411.3568

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					0.3383	0.0000	0.3383	0.0512	0.0000	0.0512			0.0000			0.0000
Off-Road	0.6156	5.4776	7.3949	0.0120		0.2504	0.2504		0.2392	0.2392	0.0000	1,148.6874	1,148.6874	0.2080		1,153.8870
Total	0.6156	5.4776	7.3949	0.0120	0.3383	0.2504	0.5887	0.0512	0.2392	0.2904	0.0000	1,148.6874	1,148.6874	0.2080		1,153.8870

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0214	0.6588	0.2398	2.8800e-003	0.0701	1.2100e-003	0.0713	0.0192	1.1600e-003	0.0204		314.1756	314.1756	0.0217		314.7177

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	0.0400	0.0243	0.2902	9.7000e-004	0.1118	8.4000e-004	0.1126	0.0296	7.7000e-004	0.0304		96.5804	96.5804	2.3500e-003		96.6391
Total	0.0615	0.6831	0.5300	3.8500e-003	0.1819	2.0500e-003	0.1839	0.0489	1.9300e-003	0.0508		410.7560	410.7560	0.0240		411.3568

3.17 Site Preparation - Site 5 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3091	0.0000	0.3091	0.0391	0.0000	0.0391			0.0000			0.0000
Off-Road	0.4985	5.6040	3.8921	9.7300e-003		0.2012	0.2012		0.1851	0.1851		942.2742	942.2742	0.3048		949.8930
Total	0.4985	5.6040	3.8921	9.7300e-003	0.3091	0.2012	0.5103	0.0391	0.1851	0.2243		942.2742	942.2742	0.3048		949.8930

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.7824	24.0601	8.7571	0.1053	2.5591	0.0443	2.6033	0.7015	0.0423	0.7439		11,474.7173	11,474.7173	0.7920		11,494.5168
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	0.0200	0.0121	0.1451	4.8000e-004	0.0559	4.2000e-004	0.0563	0.0148	3.9000e-004	0.0152		48.2902	48.2902	1.1800e-003		48.3196
Total	0.8024	24.0722	8.9022	0.1057	2.6150	0.0447	2.6596	0.7163	0.0427	0.7591		11,523.0075	11,523.0075	0.7932		11,542.8364

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					0.1205	0.0000	0.1205	0.0153	0.0000	0.0153			0.0000			0.0000
Off-Road	0.4985	5.6040	3.8921	9.7300e-003		0.2012	0.2012		0.1851	0.1851	0.0000	942.2742	942.2742	0.3048		949.8930
Total	0.4985	5.6040	3.8921	9.7300e-003	0.1205	0.2012	0.3218	0.0153	0.1851	0.2004	0.0000	942.2742	942.2742	0.3048		949.8930

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.7824	24.0601	8.7571	0.1053	2.5591	0.0443	2.6033	0.7015	0.0423	0.7439		11,474.7173	11,474.7173	0.7920		11,494.5168
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	0.0200	0.0121	0.1451	4.8000e-004	0.0559	4.2000e-004	0.0563	0.0148	3.9000e-004	0.0152		48.2902	48.2902	1.1800e-003		48.3196
Total	0.8024	24.0722	8.9022	0.1057	2.6150	0.0447	2.6596	0.7163	0.0427	0.7591		11,523.0075	11,523.0075	0.7932		11,542.8364

3.18 Grading - Site 5 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.8662	0.0000	0.8662	0.4310	0.0000	0.4310			0.0000			0.0000

Off-Road	0.9557	8.6370	9.9870	0.0154		0.4690	0.4690		0.4403	0.4403		1,475.8474	1,475.8474	0.3138		1,483.6924
Total	0.9557	8.6370	9.9870	0.0154	0.8662	0.4690	1.3351	0.4310	0.4403	0.8712		1,475.8474	1,475.8474	0.3138		1,483.6924

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	0.6706	20.6229	7.5061	0.0902	2.1935	0.0379	2.2314	0.6013	0.0363	0.6376		9,835.4720	9,835.4720	0.6788		9,852.4430
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	0.0521	0.0316	0.3773	1.2600e-003	0.1453	1.0900e-003	0.1464	0.0385	1.0000e-003	0.0395		125.5545	125.5545	3.0600e-003		125.6309
Total	0.7227	20.6545	7.8834	0.0915	2.3388	0.0390	2.3778	0.6399	0.0373	0.6771		9,961.0265	9,961.0265	0.6819		9,978.0739

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					0.3378	0.0000	0.3378	0.1681	0.0000	0.1681			0.0000			0.0000
Off-Road	0.9557	8.6370	9.9870	0.0154		0.4690	0.4690		0.4403	0.4403	0.0000	1,475.8474	1,475.8474	0.3138		1,483.6923
Total	0.9557	8.6370	9.9870	0.0154	0.3378	0.4690	0.8068	0.1681	0.4403	0.6084	0.0000	1,475.8474	1,475.8474	0.3138		1,483.6923

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	0.6706	20.6229	7.5061	0.0902	2.1935	0.0379	2.2314	0.6013	0.0363	0.6376		9,835.4720	9,835.4720	0.6788		9,852.4430
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	0.0521	0.0316	0.3773	1.2600e-003	0.1453	1.0900e-003	0.1464	0.0385	1.0000e-003	0.0395		125.5545	125.5545	3.0600e-003		125.6309
Total	0.7227	20.6545	7.8834	0.0915	2.3388	0.0390	2.3778	0.6399	0.0373	0.6771		9,961.0265	9,961.0265	0.6819		9,978.0739

3.19 Building Construction - Site 5 - 2024
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9045	9.1733	9.6623	0.0180		0.4117	0.4117		0.3788	0.3788		1,738.7869	1,738.7869	0.5624		1,752.8459
Total	0.9045	9.1733	9.6623	0.0180		0.4117	0.4117		0.3788	0.3788		1,738.7869	1,738.7869	0.5624		1,752.8459

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	0.0825	2.6406	0.8702	9.0700e-003	0.2433	3.1800e-003	0.2465	0.0701	3.0400e-003	0.0731		971.8332	971.8332	0.0549		973.2048
Worker	0.3924	0.2380	2.8444	9.4900e-003	1.0954	8.2100e-003	1.1036	0.2905	7.5600e-003	0.2981		946.4877	946.4877	0.0230		947.0635
Total	0.4749	2.8786	3.7146	0.0186	1.3387	0.0114	1.3501	0.3606	0.0106	0.3712		1,918.3209	1,918.3209	0.0779		1,920.2683

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	0.9045	9.1733	9.6623	0.0180		0.4117	0.4117		0.3788	0.3788	0.0000	1,738.7869	1,738.7869	0.5624		1,752.8459
Total	0.9045	9.1733	9.6623	0.0180		0.4117	0.4117		0.3788	0.3788	0.0000	1,738.7869	1,738.7869	0.5624		1,752.8459

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	0.0825	2.6406	0.8702	9.0700e-003	0.2433	3.1800e-003	0.2465	0.0701	3.0400e-003	0.0731		971.8332	971.8332	0.0549		973.2048
Worker	0.3924	0.2380	2.8444	9.4900e-003	1.0954	8.2100e-003	1.1036	0.2905	7.5600e-003	0.2981		946.4877	946.4877	0.0230		947.0635
Total	0.4749	2.8786	3.7146	0.0186	1.3387	0.0114	1.3501	0.3606	0.0106	0.3712		1,918.3209	1,918.3209	0.0779		1,920.2683

3.19 Building Construction - Site 5 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8442	8.3743	9.4901	0.0180		0.3593	0.3593		0.3305	0.3305		1,739.2412	1,739.2412	0.5625		1,753.3039
Total	0.8442	8.3743	9.4901	0.0180		0.3593	0.3593		0.3305	0.3305		1,739.2412	1,739.2412	0.5625		1,753.3039

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	0.0804	2.6182	0.8480	9.0100e-003	0.2433	3.1200e-003	0.2464	0.0701	2.9800e-003	0.0730		966.6222	966.6222	0.0540		967.9731
Worker	0.3737	0.2177	2.6392	9.1200e-003	1.0954	8.0400e-003	1.1035	0.2905	7.4000e-003	0.2979		909.8485	909.8485	0.0210		910.3733
Total	0.4541	2.8359	3.4872	0.0181	1.3387	0.0112	1.3499	0.3606	0.0104	0.3709		1,876.4707	1,876.4707	0.0750		1,878.3465

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	0.8442	8.3743	9.4901	0.0180		0.3593	0.3593		0.3305	0.3305	0.0000	1,739.2412	1,739.2412	0.5625		1,753.3039

Total	0.8442	8.3743	9.4901	0.0180		0.3593	0.3593		0.3305	0.3305	0.0000	1,739.241 2	1,739.241 2	0.5625		1,753.303 9
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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	0.0804	2.6182	0.8480	9.0100e-003	0.2433	3.1200e-003	0.2464	0.0701	2.9800e-003	0.0730		966.6222	966.6222	0.0540		967.9731
Worker	0.3737	0.2177	2.6392	9.1200e-003	1.0954	8.0400e-003	1.1035	0.2905	7.4000e-003	0.2979		909.8485	909.8485	0.0210		910.3733
Total	0.4541	2.8359	3.4872	0.0181	1.3387	0.0112	1.3499	0.3606	0.0104	0.3709		1,876.470 7	1,876.470 7	0.0750		1,878.346 5

3.20 Site Preparation - Site 4 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5361	0.0000	0.5361	0.0605	0.0000	0.0605			0.0000			0.0000
Off-Road	1.0985	10.9957	8.9257	0.0245		0.4094	0.4094		0.3766	0.3766		2,372.685 6	2,372.685 6	0.7674		2,391.870 0
Total	1.0985	10.9957	8.9257	0.0245	0.5361	0.4094	0.9455	0.0605	0.3766	0.4371		2,372.685 6	2,372.685 6	0.7674		2,391.870 0

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3462	10.5532	3.9211	0.0465	1.1385	0.0194	1.1579	0.3121	0.0185	0.3307		5,076.7989	5,076.7989	0.3518		5,085.5927
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	0.0305	0.0178	0.2155	7.4000e-004	0.0894	6.6000e-004	0.0901	0.0237	6.0000e-004	0.0243		74.2734	74.2734	1.7100e-003		74.3162
Total	0.3767	10.5709	4.1366	0.0473	1.2279	0.0200	1.2480	0.3358	0.0191	0.3550		5,151.0722	5,151.0722	0.3535		5,159.9089

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					0.2091	0.0000	0.2091	0.0236	0.0000	0.0236			0.0000			0.0000
Off-Road	1.0985	10.9957	8.9257	0.0245		0.4094	0.4094		0.3766	0.3766	0.0000	2,372.6856	2,372.6856	0.7674		2,391.8700
Total	1.0985	10.9957	8.9257	0.0245	0.2091	0.4094	0.6185	0.0236	0.3766	0.4002	0.0000	2,372.6856	2,372.6856	0.7674		2,391.8700

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	0.3462	10.5532	3.9211	0.0465	1.1385	0.0194	1.1579	0.3121	0.0185	0.3307		5,076.7989	5,076.7989	0.3518		5,085.5927

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	0.0305	0.0178	0.2155	7.4000e-004	0.0894	6.6000e-004	0.0901	0.0237	6.0000e-004	0.0243		74.2734	74.2734	1.7100e-003		74.3162
Total	0.3767	10.5709	4.1366	0.0473	1.2279	0.0200	1.2480	0.3358	0.0191	0.3550		5,151.0722	5,151.0722	0.3535		5,159.9089

3.21 Grading - Site 4 - 2025
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2516	0.0000	6.2516	3.3377	0.0000	3.3377			0.0000			0.0000
Off-Road	1.5044	15.3675	11.0624	0.0240		0.6921	0.6921		0.6367	0.6367		2,323.1426	2,323.1426	0.7514		2,341.9264
Total	1.5044	15.3675	11.0624	0.0240	6.2516	0.6921	6.9436	3.3377	0.6367	3.9744		2,323.1426	2,323.1426	0.7514		2,341.9264

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	0.3647	11.1171	4.1307	0.0490	1.1994	0.0204	1.2198	0.3288	0.0195	0.3483		5,348.1033	5,348.1033	0.3706		5,357.3671
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	0.0496	0.0289	0.3501	1.2100e-003	0.1453	1.0700e-003	0.1464	0.0385	9.8000e-004	0.0395		120.6942	120.6942	2.7800e-003		120.7638
Total	0.4142	11.1460	4.4808	0.0502	1.3447	0.0215	1.3662	0.3673	0.0205	0.3878		5,468.7975	5,468.7975	0.3733		5,478.1309

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					2.4381	0.0000	2.4381	1.3017	0.0000	1.3017			0.0000				0.0000
Off-Road	1.5044	15.3675	11.0624	0.0240		0.6921	0.6921		0.6367	0.6367	0.0000	2,323.1426	2,323.1426	0.7514			2,341.9264
Total	1.5044	15.3675	11.0624	0.0240	2.4381	0.6921	3.1302	1.3017	0.6367	1.9384	0.0000	2,323.1426	2,323.1426	0.7514			2,341.9264

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	0.3647	11.1171	4.1307	0.0490	1.1994	0.0204	1.2198	0.3288	0.0195	0.3483		5,348.1033	5,348.1033	0.3706			5,357.3671
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	0.0496	0.0289	0.3501	1.2100e-003	0.1453	1.0700e-003	0.1464	0.0385	9.8000e-004	0.0395		120.6942	120.6942	2.7800e-003			120.7638
Total	0.4142	11.1460	4.4808	0.0502	1.3447	0.0215	1.3662	0.3673	0.0205	0.3878		5,468.7975	5,468.7975	0.3733			5,478.1309

3.22 Building Construction - Site 4 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.7829	14.9156	16.4691	0.0316		0.5880	0.5880		0.5584	0.5584		2,923.5600	2,923.5600	0.6249			2,939.1824

Total	1.7829	14.9156	16.4691	0.0316		0.5880	0.5880		0.5584	0.5584		2,923.560	2,923.560	0.6249		2,939.182
												0	0			4

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	0.0613	1.9981	0.6471	6.8800e-003	0.1857	2.3800e-003	0.1881	0.0535	2.2700e-003	0.0557		737.6853	737.6853	0.0412		738.7163
Worker	0.2174	0.1266	1.5351	5.3100e-003	0.6371	4.6800e-003	0.6418	0.1690	4.3000e-003	0.1733		529.1976	529.1976	0.0122		529.5029
Total	0.2787	2.1247	2.1822	0.0122	0.8228	7.0600e-003	0.8299	0.2224	6.5700e-003	0.2290		1,266.882	1,266.882	0.0535		1,268.219
												9	9			2

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7829	14.9156	16.4691	0.0316		0.5880	0.5880		0.5584	0.5584	0.0000	2,923.560	2,923.560	0.6249		2,939.182
Total	1.7829	14.9156	16.4691	0.0316		0.5880	0.5880		0.5584	0.5584	0.0000	2,923.560	2,923.560	0.6249		2,939.182
												0	0			4

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	0.0613	1.9981	0.6471	6.8800e-003	0.1857	2.3800e-003	0.1881	0.0535	2.2700e-003	0.0557		737.6853	737.6853	0.0412		738.7163
Worker	0.2174	0.1266	1.5351	5.3100e-003	0.6371	4.6800e-003	0.6418	0.1690	4.3000e-003	0.1733		529.1976	529.1976	0.0122		529.5029
Total	0.2787	2.1247	2.1822	0.0122	0.8228	7.0600e-003	0.8299	0.2224	6.5700e-003	0.2290		1,266.8829	1,266.8829	0.0535		1,268.2192

3.22 Building Construction - Site 4 - 2026
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7829	14.9156	16.4691	0.0316		0.5880	0.5880		0.5584	0.5584		2,923.5600	2,923.5600	0.6249		2,939.1824
Total	1.7829	14.9156	16.4691	0.0316		0.5880	0.5880		0.5584	0.5584		2,923.5600	2,923.5600	0.6249		2,939.1824

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	0.0599	1.9795	0.6341	6.8400e-003	0.1857	2.3200e-003	0.1880	0.0535	2.2200e-003	0.0557		733.8701	733.8701	0.0406		734.8855
Worker	0.2081	0.1167	1.4341	5.1200e-003	0.6371	4.5200e-003	0.6416	0.1690	4.1600e-003	0.1731		510.8186	510.8186	0.0112		511.0984
Total	0.2681	2.0962	2.0682	0.0120	0.8228	6.8400e-003	0.8297	0.2224	6.3800e-003	0.2288		1,244.6887	1,244.6887	0.0518		1,245.9838

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7829	14.9156	16.4691	0.0316		0.5880	0.5880		0.5584	0.5584	0.0000	2,923.5600	2,923.5600	0.6249		2,939.1824
Total	1.7829	14.9156	16.4691	0.0316		0.5880	0.5880		0.5584	0.5584	0.0000	2,923.5600	2,923.5600	0.6249		2,939.1824

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	0.0599	1.9795	0.6341	6.8400e-003	0.1857	2.3200e-003	0.1880	0.0535	2.2200e-003	0.0557		733.8701	733.8701	0.0406		734.8855
Worker	0.2081	0.1167	1.4341	5.1200e-003	0.6371	4.5200e-003	0.6416	0.1690	4.1600e-003	0.1731		510.8186	510.8186	0.0112		511.0984
Total	0.2681	2.0962	2.0682	0.0120	0.8228	6.8400e-003	0.8297	0.2224	6.3800e-003	0.2288		1,244.6887	1,244.6887	0.0518		1,245.9838

3.22 Building Construction - Site 4 - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7829	14.9156	16.4691	0.0316		0.5880	0.5880		0.5584	0.5584		2,923.5600	2,923.5600	0.6249		2,939.1824
Total	1.7829	14.9156	16.4691	0.0316		0.5880	0.5880		0.5584	0.5584		2,923.5600	2,923.5600	0.6249		2,939.1824

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	0.0588	1.9616	0.6235	6.8000e-003	0.1857	2.2700e-003	0.1880	0.0535	2.1700e-003	0.0556		730.4385	730.4385	0.0400		731.4384
Worker	0.1990	0.1076	1.3436	4.9600e-003	0.6371	4.2700e-003	0.6414	0.1690	3.9300e-003	0.1729		494.5347	494.5347	0.0103		494.7914
Total	0.2577	2.0692	1.9672	0.0118	0.8228	6.5400e-003	0.8294	0.2224	6.1000e-003	0.2285		1,224.9732	1,224.9732	0.0503		1,226.2298

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7829	14.9156	16.4691	0.0316		0.5880	0.5880		0.5584	0.5584	0.0000	2,923.5600	2,923.5600	0.6249		2,939.1824

Total	1.7829	14.9156	16.4691	0.0316		0.5880	0.5880		0.5584	0.5584	0.0000	2,923.5600	2,923.5600	0.6249		2,939.1824
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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	0.0588	1.9616	0.6235	6.8000e-003	0.1857	2.2700e-003	0.1880	0.0535	2.1700e-003	0.0556		730.4385	730.4385	0.0400		731.4384
Worker	0.1990	0.1076	1.3436	4.9600e-003	0.6371	4.2700e-003	0.6414	0.1690	3.9300e-003	0.1729		494.5347	494.5347	0.0103		494.7914
Total	0.2577	2.0692	1.9672	0.0118	0.8228	6.5400e-003	0.8294	0.2224	6.1000e-003	0.2285		1,224.9732	1,224.9732	0.0503		1,226.2298

3.23 Paving - Site 5 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.2711	1,036.2711	0.3019		1,043.8179
Paving	8.1900e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5720	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.2711	1,036.2711	0.3019		1,043.8179

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
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	0.0687	0.0400	0.4848	1.6800e-003	0.2012	1.4800e-003	0.2027	0.0534	1.3600e-003	0.0547		167.1150	167.1150	3.8600e-003		167.2114
Total	0.0687	0.0400	0.4848	1.6800e-003	0.2012	1.4800e-003	0.2027	0.0534	1.3600e-003	0.0547		167.1150	167.1150	3.8600e-003		167.2114

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046	0.0000	1,036.2711	1,036.2711	0.3019		1,043.8179
Paving	8.1900e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5720	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046	0.0000	1,036.2711	1,036.2711	0.3019		1,043.8179

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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	0.0687	0.0400	0.4848	1.6800e-003	0.2012	1.4800e-003	0.2027	0.0534	1.3600e-003	0.0547		167.1150	167.1150	3.8600e-003		167.2114
Total	0.0687	0.0400	0.4848	1.6800e-003	0.2012	1.4800e-003	0.2027	0.0534	1.3600e-003	0.0547		167.1150	167.1150	3.8600e-003		167.2114

3.24 Architectural Coating - Site 5 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.8410					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	5.0118	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
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	0.0763	0.0444	0.5386	1.8600e-003	0.2236	1.6400e-003	0.2252	0.0593	1.5100e-003	0.0608		185.6834	185.6834	4.2800e-003		185.7905
Total	0.0763	0.0444	0.5386	1.8600e-003	0.2236	1.6400e-003	0.2252	0.0593	1.5100e-003	0.0608		185.6834	185.6834	4.2800e-003		185.7905

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	4.8410					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	5.0118	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
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	0.0763	0.0444	0.5386	1.8600e-003	0.2236	1.6400e-003	0.2252	0.0593	1.5100e-003	0.0608		185.6834	185.6834	4.2800e-003		185.7905
Total	0.0763	0.0444	0.5386	1.8600e-003	0.2236	1.6400e-003	0.2252	0.0593	1.5100e-003	0.0608		185.6834	185.6834	4.2800e-003		185.7905

3.25 Paving - Site 4 - 2027

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	0.7854	7.4371	11.6737	0.0179		0.3503	0.3503		0.3234	0.3234		1,710.0067	1,710.0067	0.5420		1,723.5556

Paving	4.2300e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7896	7.4371	11.6737	0.0179		0.3503	0.3503		0.3234	0.3234		1,710.0067	1,710.0067	0.5420		1,723.5556

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	0.0524	0.0283	0.3536	1.3000e-003	0.1677	1.1200e-003	0.1688	0.0445	1.0300e-003	0.0455		130.1407	130.1407	2.7000e-003		130.2083
Total	0.0524	0.0283	0.3536	1.3000e-003	0.1677	1.1200e-003	0.1688	0.0445	1.0300e-003	0.0455		130.1407	130.1407	2.7000e-003		130.2083

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	0.7854	7.4371	11.6737	0.0179		0.3503	0.3503		0.3234	0.3234	0.0000	1,710.0067	1,710.0067	0.5420		1,723.5556
Paving	4.2300e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7896	7.4371	11.6737	0.0179		0.3503	0.3503		0.3234	0.3234	0.0000	1,710.0067	1,710.0067	0.5420		1,723.5556

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	0.0524	0.0283	0.3536	1.3000e-003	0.1677	1.1200e-003	0.1688	0.0445	1.0300e-003	0.0455		130.1407	130.1407	2.7000e-003		130.2083
Total	0.0524	0.0283	0.3536	1.3000e-003	0.1677	1.1200e-003	0.1688	0.0445	1.0300e-003	0.0455		130.1407	130.1407	2.7000e-003		130.2083

3.26 Architectural Coating - Site 4 - 2027
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	33.1365					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	33.3074	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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	0.0384	0.0208	0.2593	9.6000e-004	0.1230	8.2000e-004	0.1238	0.0326	7.6000e-004	0.0334		95.4365	95.4365	1.9800e-003		95.4861
Total	0.0384	0.0208	0.2593	9.6000e-004	0.1230	8.2000e-004	0.1238	0.0326	7.6000e-004	0.0334		95.4365	95.4365	1.9800e-003		95.4861

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	33.1365					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	33.3074	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
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	0.0384	0.0208	0.2593	9.6000e-004	0.1230	8.2000e-004	0.1238	0.0326	7.6000e-004	0.0334		95.4365	95.4365	1.9800e-003		95.4861
Total	0.0384	0.0208	0.2593	9.6000e-004	0.1230	8.2000e-004	0.1238	0.0326	7.6000e-004	0.0334		95.4365	95.4365	1.9800e-003		95.4861

3.27 Demolition - Site 6 - 2028

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					0.0862	0.0000	0.0862	0.0131	0.0000	0.0131			0.0000			0.0000
Off-Road	0.5743	5.1008	7.3641	0.0120		0.2102	0.2102		0.2008	0.2008		1,149.1195	1,149.1195	0.2060		1,154.2705
Total	0.5743	5.1008	7.3641	0.0120	0.0862	0.2102	0.2964	0.0131	0.2008	0.2139		1,149.1195	1,149.1195	0.2060		1,154.2705

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	2.0400e-003	0.0607	0.0238	2.7000e-004	6.8300e-003	1.1000e-004	6.9400e-003	1.8700e-003	1.1000e-004	1.9800e-003		30.0353	30.0353	2.0800e-003		30.0873
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	0.0332	0.0175	0.2218	8.4000e-004	0.1118	6.9000e-004	0.1125	0.0296	6.4000e-004	0.0303		84.2295	84.2295	1.6600e-003		84.2711
Total	0.0353	0.0782	0.2457	1.1100e-003	0.1186	8.0000e-004	0.1194	0.0315	7.5000e-004	0.0323		114.2648	114.2648	3.7400e-003		114.3584

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					0.0336	0.0000	0.0336	5.0900e-003	0.0000	5.0900e-003			0.0000			0.0000

Off-Road	0.5743	5.1008	7.3641	0.0120		0.2102	0.2102		0.2008	0.2008	0.0000	1,149.1195	1,149.1195	0.2060		1,154.2705
Total	0.5743	5.1008	7.3641	0.0120	0.0336	0.2102	0.2439	5.0900e-003	0.2008	0.2059	0.0000	1,149.1195	1,149.1195	0.2060		1,154.2705

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	2.0400e-003	0.0607	0.0238	2.7000e-004	6.8300e-003	1.1000e-004	6.9400e-003	1.8700e-003	1.1000e-004	1.9800e-003		30.0353	30.0353	2.0800e-003		30.0873
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	0.0332	0.0175	0.2218	8.4000e-004	0.1118	6.9000e-004	0.1125	0.0296	6.4000e-004	0.0303		84.2295	84.2295	1.6600e-003		84.2711
Total	0.0353	0.0782	0.2457	1.1100e-003	0.1186	8.0000e-004	0.1194	0.0315	7.5000e-004	0.0323		114.2648	114.2648	3.7400e-003		114.3584

3.28 Site Preparation - Site 6 - 2028

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					0.3283	0.0000	0.3283	0.0420	0.0000	0.0420			0.0000			0.0000
Off-Road	0.4432	4.7918	3.8238	9.7300e-003		0.1654	0.1654		0.1521	0.1521		942.2955	942.2955	0.3048		949.9144
Total	0.4432	4.7918	3.8238	9.7300e-003	0.3283	0.1654	0.4936	0.0420	0.1521	0.1942		942.2955	942.2955	0.3048		949.9144

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	0.8744	26.0615	10.2319	0.1179	2.9327	0.0472	2.9799	0.8040	0.0452	0.8492		12,891.9565	12,891.9565	0.8927		12,914.2739
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	0.0166	8.7200e-003	0.1109	4.2000e-004	0.0559	3.5000e-004	0.0562	0.0148	3.2000e-004	0.0151		42.1148	42.1148	8.3000e-004		42.1355
Total	0.8910	26.0702	10.3428	0.1183	2.9886	0.0476	3.0362	0.8188	0.0455	0.8643		12,934.0713	12,934.0713	0.8935		12,956.4094

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					0.1280	0.0000	0.1280	0.0164	0.0000	0.0164			0.0000			0.0000
Off-Road	0.4432	4.7918	3.8238	9.7300e-003		0.1654	0.1654		0.1521	0.1521	0.0000	942.2955	942.2955	0.3048		949.9144
Total	0.4432	4.7918	3.8238	9.7300e-003	0.1280	0.1654	0.2934	0.0164	0.1521	0.1685	0.0000	942.2955	942.2955	0.3048		949.9144

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	0.8744	26.0615	10.2319	0.1179	2.9327	0.0472	2.9799	0.8040	0.0452	0.8492		12,891.9565	12,891.9565	0.8927		12,914.2739

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	0.0166	8.7200e-003	0.1109	4.2000e-004	0.0559	3.5000e-004	0.0562	0.0148	3.2000e-004	0.0151		42.1148	42.1148	8.3000e-004		42.1355
Total	0.8910	26.0702	10.3428	0.1183	2.9886	0.0476	3.0362	0.8188	0.0455	0.8643		12,934.0713	12,934.0713	0.8935		12,956.4094

3.29 Grading - Site 6 - 2028

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					0.9346	0.0000	0.9346	0.4413	0.0000	0.4413			0.0000			0.0000
Off-Road	0.8884	8.0441	9.9327	0.0154		0.4063	0.4063		0.3812	0.3812		1,476.4646	1,476.4646	0.3119		1,484.2624
Total	0.8884	8.0441	9.9327	0.0154	0.9346	0.4063	1.3409	0.4413	0.3812	0.8225		1,476.4646	1,476.4646	0.3119		1,484.2624

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.0482	31.2427	12.2660	0.1413	3.5157	0.0566	3.5723	0.9638	0.0541	1.0180		15,454.9698	15,454.9698	1.0702		15,481.7240
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	0.0432	0.0227	0.2884	1.1000e-003	0.1453	9.0000e-004	0.1462	0.0385	8.3000e-004	0.0394		109.4984	109.4984	2.1600e-003		109.5524
Total	1.0914	31.2654	12.5544	0.1424	3.6611	0.0575	3.7185	1.0024	0.0550	1.0573		15,564.4681	15,564.4681	1.0723		15,591.2763

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					0.3645	0.0000	0.3645	0.1721	0.0000	0.1721			0.0000			0.0000
Off-Road	0.8884	8.0441	9.9327	0.0154		0.4063	0.4063		0.3812	0.3812	0.0000	1,476.4646	1,476.4646	0.3119		1,484.2624
Total	0.8884	8.0441	9.9327	0.0154	0.3645	0.4063	0.7708	0.1721	0.3812	0.5533	0.0000	1,476.4646	1,476.4646	0.3119		1,484.2624

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.0482	31.2427	12.2660	0.1413	3.5157	0.0566	3.5723	0.9638	0.0541	1.0180		15,454.9698	15,454.9698	1.0702		15,481.7240
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	0.0432	0.0227	0.2884	1.1000e-003	0.1453	9.0000e-004	0.1462	0.0385	8.3000e-004	0.0394		109.4984	109.4984	2.1600e-003		109.5524
Total	1.0914	31.2654	12.5544	0.1424	3.6611	0.0575	3.7185	1.0024	0.0550	1.0573		15,564.4681	15,564.4681	1.0723		15,591.2763

3.30 Building Construction - Site 6 - 2028

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	0.8442	8.3743	9.4901	0.0180		0.3593	0.3593		0.3305	0.3305		1,739.2412	1,739.2412	0.5625		1,753.3039

Total	0.8442	8.3743	9.4901	0.0180		0.3593	0.3593		0.3305	0.3305		1,739.241	1,739.241	0.5625		1,753.303
												2	2			9

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0398	1.3425	0.4242	4.6700e-003	0.1281	1.5400e-003	0.1296	0.0369	1.4700e-003	0.0383		501.7315	501.7315	0.0272		502.4112
Worker	0.1694	0.0890	1.1314	4.3100e-003	0.5701	3.5400e-003	0.5736	0.1512	3.2600e-003	0.1544		429.5705	429.5705	8.4800e-003		429.7824
Total	0.2092	1.4315	1.5556	8.9800e-003	0.6981	5.0800e-003	0.7032	0.1881	4.7300e-003	0.1928		931.3020	931.3020	0.0357		932.1936

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	0.8442	8.3743	9.4901	0.0180		0.3593	0.3593		0.3305	0.3305	0.0000	1,739.241	1,739.241	0.5625		1,753.303
Total	0.8442	8.3743	9.4901	0.0180		0.3593	0.3593		0.3305	0.3305	0.0000	1,739.241	1,739.241	0.5625		1,753.303
												2	2			9

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0398	1.3425	0.4242	4.6700e-003	0.1281	1.5400e-003	0.1296	0.0369	1.4700e-003	0.0383		501.7315	501.7315	0.0272		502.4112
Worker	0.1694	0.0890	1.1314	4.3100e-003	0.5701	3.5400e-003	0.5736	0.1512	3.2600e-003	0.1544		429.5705	429.5705	8.4800e-003		429.7824
Total	0.2092	1.4315	1.5556	8.9800e-003	0.6981	5.0800e-003	0.7032	0.1881	4.7300e-003	0.1928		931.3020	931.3020	0.0357		932.1936

3.30 Building Construction - Site 6 - 2029

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	0.8442	8.3743	9.4901	0.0180		0.3593	0.3593		0.3305	0.3305		1,739.2412	1,739.2412	0.5625		1,753.3039
Total	0.8442	8.3743	9.4901	0.0180		0.3593	0.3593		0.3305	0.3305		1,739.2412	1,739.2412	0.5625		1,753.3039

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	0.0392	1.3322	0.4187	4.6500e-003	0.1281	1.5000e-003	0.1296	0.0369	1.4400e-003	0.0383		499.9285	499.9285	0.0268		500.5994
Worker	0.1595	0.0818	1.0602	4.1900e-003	0.5701	3.3000e-003	0.5734	0.1512	3.0300e-003	0.1542		418.0347	418.0347	7.7700e-003		418.2289
Total	0.1986	1.4140	1.4789	8.8400e-003	0.6981	4.8000e-003	0.7029	0.1881	4.4700e-003	0.1925		917.9631	917.9631	0.0346		918.8282

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	0.8442	8.3743	9.4901	0.0180		0.3593	0.3593		0.3305	0.3305	0.0000	1,739.2412	1,739.2412	0.5625		1,753.3039
Total	0.8442	8.3743	9.4901	0.0180		0.3593	0.3593		0.3305	0.3305	0.0000	1,739.2412	1,739.2412	0.5625		1,753.3039

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	0.0392	1.3322	0.4187	4.6500e-003	0.1281	1.5000e-003	0.1296	0.0369	1.4400e-003	0.0383		499.9285	499.9285	0.0268		500.5994
Worker	0.1595	0.0818	1.0602	4.1900e-003	0.5701	3.3000e-003	0.5734	0.1512	3.0300e-003	0.1542		418.0347	418.0347	7.7700e-003		418.2289
Total	0.1986	1.4140	1.4789	8.8400e-003	0.6981	4.8000e-003	0.7029	0.1881	4.4700e-003	0.1925		917.9631	917.9631	0.0346		918.8282

3.31 Site Preparation - Site 3 - 2029

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					0.3414	0.0000	0.3414	0.0402	0.0000	0.0402			0.0000			0.0000
Off-Road	0.4432	4.7918	3.8238	9.7300e-003		0.1654	0.1654		0.1521	0.1521		942.2955	942.2955	0.3048		949.9144
Total	0.4432	4.7918	3.8238	9.7300e-003	0.3414	0.1654	0.5067	0.0402	0.1521	0.1923		942.2955	942.2955	0.3048		949.9144

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	0.4377	12.9649	5.1680	0.0592	1.4781	0.0233	1.5014	0.4052	0.0223	0.4275		6,472.1942	6,472.1942	0.4476		6,483.3845
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	0.0156	8.0200e-003	0.1039	4.1000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		40.9838	40.9838	7.6000e-004		41.0028
Total	0.4533	12.9729	5.2720	0.0596	1.5340	0.0236	1.5576	0.4200	0.0226	0.4426		6,513.1780	6,513.1780	0.4484		6,524.3873

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					0.1331	0.0000	0.1331	0.0157	0.0000	0.0157			0.0000			0.0000

Off-Road	0.4432	4.7918	3.8238	9.7300e-003		0.1654	0.1654		0.1521	0.1521	0.0000	942.2955	942.2955	0.3048		949.9144
Total	0.4432	4.7918	3.8238	9.7300e-003	0.1331	0.1654	0.2985	0.0157	0.1521	0.1678	0.0000	942.2955	942.2955	0.3048		949.9144

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	0.4377	12.9649	5.1680	0.0592	1.4781	0.0233	1.5014	0.4052	0.0223	0.4275		6,472.1942	6,472.1942	0.4476		6,483.3845
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	0.0156	8.0200e-003	0.1039	4.1000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		40.9838	40.9838	7.6000e-004		41.0028
Total	0.4533	12.9729	5.2720	0.0596	1.5340	0.0236	1.5576	0.4200	0.0226	0.4426		6,513.1780	6,513.1780	0.4484		6,524.3873

3.32 Grading - Site 3 - 2029

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					0.8290	0.0000	0.8290	0.4253	0.0000	0.4253			0.0000			0.0000
Off-Road	0.8884	8.0441	9.9327	0.0154		0.4063	0.4063		0.3812	0.3812		1,476.4646	1,476.4646	0.3119		1,484.2624
Total	0.8884	8.0441	9.9327	0.0154	0.8290	0.4063	1.2353	0.4253	0.3812	0.8065		1,476.4646	1,476.4646	0.3119		1,484.2624

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	0.4364	12.9265	5.1527	0.0590	1.4737	0.0232	1.4969	0.4040	0.0222	0.4262		6,453.0457	6,453.0457	0.4463		6,464.2028
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	0.0407	0.0208	0.2702	1.0700e-003	0.1453	8.4000e-004	0.1462	0.0385	7.7000e-004	0.0393		106.5579	106.5579	1.9800e-003		106.6074
Total	0.4770	12.9474	5.4230	0.0600	1.6190	0.0241	1.6431	0.4426	0.0230	0.4656		6,559.6035	6,559.6035	0.4483		6,570.8102

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					0.3233	0.0000	0.3233	0.1659	0.0000	0.1659			0.0000			0.0000
Off-Road	0.8884	8.0441	9.9327	0.0154		0.4063	0.4063		0.3812	0.3812	0.0000	1,476.4646	1,476.4646	0.3119		1,484.2624
Total	0.8884	8.0441	9.9327	0.0154	0.3233	0.4063	0.7296	0.1659	0.3812	0.5471	0.0000	1,476.4646	1,476.4646	0.3119		1,484.2624

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	0.4364	12.9265	5.1527	0.0590	1.4737	0.0232	1.4969	0.4040	0.0222	0.4262		6,453.0457	6,453.0457	0.4463		6,464.2028

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	0.0407	0.0208	0.2702	1.0700e-003	0.1453	8.4000e-004	0.1462	0.0385	7.7000e-004	0.0393		106.5579	106.5579	1.9800e-003		106.6074
Total	0.4770	12.9474	5.4230	0.0600	1.6190	0.0241	1.6431	0.4426	0.0230	0.4656		6,559.6035	6,559.6035	0.4483		6,570.8102

3.33 Building Construction - Site 3 - 2029
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220		1,105.5711	1,105.5711	0.3576		1,114.5102
Total	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220		1,105.5711	1,105.5711	0.3576		1,114.5102

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	0.0235	0.7993	0.2512	2.7900e-003	0.0768	9.0000e-004	0.0777	0.0221	8.6000e-004	0.0230		299.9571	299.9571	0.0161		300.3596
Worker	0.0750	0.0385	0.4989	1.9700e-003	0.2683	1.5500e-003	0.2698	0.0711	1.4300e-003	0.0726		196.7222	196.7222	3.6600e-003		196.8136
Total	0.0985	0.8378	0.7501	4.7600e-003	0.3451	2.4500e-003	0.3476	0.0933	2.2900e-003	0.0956		496.6793	496.6793	0.0198		497.1732

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220	0.0000	1,105.571 1	1,105.571 1	0.3576		1,114.510 2
Total	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220	0.0000	1,105.571 1	1,105.571 1	0.3576		1,114.510 2

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0235	0.7993	0.2512	2.7900e-003	0.0768	9.0000e-004	0.0777	0.0221	8.6000e-004	0.0230		299.9571	299.9571	0.0161		300.3596
Worker	0.0750	0.0385	0.4989	1.9700e-003	0.2683	1.5500e-003	0.2698	0.0711	1.4300e-003	0.0726		196.7222	196.7222	3.6600e-003		196.8136
Total	0.0985	0.8378	0.7501	4.7600e-003	0.3451	2.4500e-003	0.3476	0.0933	2.2900e-003	0.0956		496.6793	496.6793	0.0198		497.1732

3.34 Paving - Site 6 - 2029

Unmitigated Construction On-Site

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

Paving	0.0109					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5747	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.271	1,036.271	0.3019		1,043.817
												1	1			9

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
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	0.0563	0.0289	0.3742	1.4800e-003	0.2012	1.1600e-003	0.2024	0.0534	1.0700e-003	0.0544		147.5417	147.5417	2.7400e-003		147.6102
Total	0.0563	0.0289	0.3742	1.4800e-003	0.2012	1.1600e-003	0.2024	0.0534	1.0700e-003	0.0544		147.5417	147.5417	2.7400e-003		147.6102

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046	0.0000	1,036.271	1,036.271	0.3019		1,043.817
Paving	0.0109					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5747	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046	0.0000	1,036.271	1,036.271	0.3019		1,043.817
												1	1			9

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
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	0.0563	0.0289	0.3742	1.4800e-003	0.2012	1.1600e-003	0.2024	0.0534	1.0700e-003	0.0544		147.5417	147.5417	2.7400e-003		147.6102
Total	0.0563	0.0289	0.3742	1.4800e-003	0.2012	1.1600e-003	0.2024	0.0534	1.0700e-003	0.0544		147.5417	147.5417	2.7400e-003		147.6102

3.35 Architectural Coating - Site 6 - 2029
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	2.8366					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	3.0075	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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	0.0313	0.0160	0.2079	8.2000e-004	0.1118	6.5000e-004	0.1124	0.0296	5.9000e-004	0.0302		81.9676	81.9676	1.5200e-003		82.0057
Total	0.0313	0.0160	0.2079	8.2000e-004	0.1118	6.5000e-004	0.1124	0.0296	5.9000e-004	0.0302		81.9676	81.9676	1.5200e-003		82.0057

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	2.8366					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	3.0075	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
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	0.0313	0.0160	0.2079	8.2000e-004	0.1118	6.5000e-004	0.1124	0.0296	5.9000e-004	0.0302		81.9676	81.9676	1.5200e-003		82.0057
Total	0.0313	0.0160	0.2079	8.2000e-004	0.1118	6.5000e-004	0.1124	0.0296	5.9000e-004	0.0302		81.9676	81.9676	1.5200e-003		82.0057

3.36 Paving - Site 3 - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.271 1	1,036.271 1	0.3019		1,043.817 9
Paving	0.0109					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5747	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.271 1	1,036.271 1	0.3019		1,043.817 9

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
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	0.0563	0.0289	0.3742	1.4800e-003	0.2012	1.1600e-003	0.2024	0.0534	1.0700e-003	0.0544		147.5417	147.5417	2.7400e-003		147.6102
Total	0.0563	0.0289	0.3742	1.4800e-003	0.2012	1.1600e-003	0.2024	0.0534	1.0700e-003	0.0544		147.5417	147.5417	2.7400e-003		147.6102

Mitigated Construction On-Site

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

Paving	0.0109					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5747	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046	0.0000	1,036.271	1,036.271	0.3019		1,043.817
												1	1			9

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
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	0.0563	0.0289	0.3742	1.4800e-003	0.2012	1.1600e-003	0.2024	0.0534	1.0700e-003	0.0544		147.5417	147.5417	2.7400e-003		147.6102
Total	0.0563	0.0289	0.3742	1.4800e-003	0.2012	1.1600e-003	0.2024	0.0534	1.0700e-003	0.0544		147.5417	147.5417	2.7400e-003		147.6102

3.37 Architectural Coating - Site 3 - 2029

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	35.4867					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	35.6576	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
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	0.0156	8.0200e-003	0.1039	4.1000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		40.9838	40.9838	7.6000e-004		41.0028
Total	0.0156	8.0200e-003	0.1039	4.1000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		40.9838	40.9838	7.6000e-004		41.0028

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	35.4867					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	35.6576	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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	0.0156	8.0200e-003	0.1039	4.1000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		40.9838	40.9838	7.6000e-004		41.0028
Total	0.0156	8.0200e-003	0.1039	4.1000e-004	0.0559	3.2000e-004	0.0562	0.0148	3.0000e-004	0.0151		40.9838	40.9838	7.6000e-004		41.0028

Kaiser LAMC - Option B Construction
Los Angeles-South Coast County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating - Site 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - Site 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - Site 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - Site 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - Site 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - Site 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - Site 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - Site 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - Site 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - Site 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - Site 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - Site 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Demolition - Site 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Demolition - Site 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Demolition - Site 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Demolition - Site 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Demolition - Site 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Demolition - Site 6	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
Grading - Site 1	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
Grading - Site 2	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
Grading - Site 3	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
Grading - Site 4	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
Grading - Site 5	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
Grading - Site 6	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
Paving - Site 1	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
Paving - Site 2	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
Paving - Site 3	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
Paving - Site 4	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
Paving - Site 5	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
Paving - Site 6	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
Site Preparation - Site 1	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
Site Preparation - Site 2	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
Site Preparation - Site 3	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
Site Preparation - Site 4	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
Site Preparation - Site 5	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
Site Preparation - Site 6	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

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Aerial Lifts	Diesel	No Change	0	0	No Change	0.00
Air Compressors	Diesel	No Change	6	6	No Change	0.00
Cement and Mortar Mixers	Diesel	No Change	0	18	No Change	0.00
Concrete/Industrial Saws	Diesel	No Change	10	10	No Change	0.00
Cranes	Diesel	No Change	10	10	No Change	0.00

Excavators	Diesel	No Change	0	0	No Change	0.00
Forklifts	Diesel	No Change	11	11	No Change	0.00
Generator Sets	Diesel	No Change	2	2	No Change	0.00
Graders	Diesel	No Change	8	8	No Change	0.00
Pavers	Diesel	No Change	6	6	No Change	0.00
Paving Equipment	Diesel	No Change	2	2	No Change	0.00
Rollers	Diesel	No Change	7	7	No Change	0.00
Rubber Tired Dozers	Diesel	No Change	13	13	No Change	0.00
Scrapers	Diesel	No Change	1	1	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	No Change	47	47	No Change	0.00
Trenchers	Diesel	No Change	6	6	No Change	0.00
Welders	Diesel	No Change	0	6	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Aerial Lifts	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Air Compressors	9.95000E-003	6.74300E-002	9.86800E-002	1.60000E-004	3.38000E-003	3.38000E-003	0.00000E+000	1.39152E+001	1.39152E+001	8.10000E-004	0.00000E+000	1.39355E+001
Cement and Mortar Mixers	6.26000E-003	3.92600E-002	3.28800E-002	8.00000E-005	1.53000E-003	1.53000E-003	0.00000E+000	4.88637E+000	4.88637E+000	5.10000E-004	0.00000E+000	4.89905E+000
Concrete/Industrial Saws	1.45760E-001	1.13463E+000	1.54856E+000	2.65000E-003	5.81400E-002	5.81400E-002	0.00000E+000	2.27429E+002	2.27429E+002	1.18000E-002	0.00000E+000	2.27724E+002
Cranes	5.41150E-001	5.70689E+000	3.70187E+000	1.01500E-002	2.35280E-001	2.16460E-001	0.00000E+000	8.91686E+002	8.91686E+002	2.88390E-001	0.00000E+000	8.98896E+002
Excavators	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Forklifts	1.55950E-001	1.45482E+000	1.83373E+000	2.45000E-003	8.58800E-002	7.90100E-002	0.00000E+000	2.15655E+002	2.15655E+002	6.97500E-002	0.00000E+000	2.17399E+002
Generator Sets	1.69650E-001	1.51462E+000	2.07836E+000	3.73000E-003	6.89300E-002	6.89300E-002	0.00000E+000	3.20190E+002	3.20190E+002	1.34900E-002	0.00000E+000	3.20527E+002
Graders	2.61000E-002	3.34620E-001	1.06930E-001	4.10000E-004	1.07100E-002	9.86000E-003	0.00000E+000	3.55986E+001	3.55986E+001	1.15100E-002	0.00000E+000	3.58864E+001
Pavers	8.88000E-003	8.41200E-002	1.39360E-001	2.30000E-004	3.96000E-003	3.64000E-003	0.00000E+000	1.98937E+001	1.98937E+001	6.43000E-003	0.00000E+000	2.00545E+001
Paving Equipment	4.33000E-003	3.95900E-002	6.87500E-002	1.10000E-004	1.94000E-003	1.79000E-003	0.00000E+000	9.65998E+000	9.65998E+000	3.12000E-003	0.00000E+000	9.73809E+000
Rollers	9.41000E-003	9.86800E-002	1.20490E-001	1.70000E-004	5.17000E-003	4.76000E-003	0.00000E+000	1.50107E+001	1.50107E+001	4.85000E-003	0.00000E+000	1.51321E+001

Rubber Tired Dozers	1.99470E-001	2.08586E+000	8.34820E-001	2.00000E-003	9.84900E-002	9.06100E-002	0.00000E+000	1.76238E+002	1.76238E+002	5.70000E-002	0.00000E+000	1.77663E+002
Scrapers	3.36000E-003	3.18500E-002	2.69000E-002	8.00000E-005	1.25000E-003	1.15000E-003	0.00000E+000	6.65940E+000	6.65940E+000	2.15000E-003	0.00000E+000	6.71325E+000
Tractors/Loaders/Balckhoes	3.89720E-001	3.94143E+000	5.65715E+000	7.87000E-003	1.96030E-001	1.80340E-001	0.00000E+000	6.90962E+002	6.90962E+002	2.23470E-001	0.00000E+000	6.96549E+002
Trenchers	2.25900E-002	2.06020E-001	1.51800E-001	2.00000E-004	1.50200E-002	1.38200E-002	0.00000E+000	1.72037E+001	1.72037E+001	5.56000E-003	0.00000E+000	1.73428E+001
Welders	4.24560E-001	2.38415E+000	2.84868E+000	4.34000E-003	8.98500E-002	8.98500E-002	0.00000E+000	3.19881E+002	3.19881E+002	3.45000E-002	0.00000E+000	3.20744E+002

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated tons/yr							Mitigated mt/yr					
Aerial Lifts	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Air Compressors	9.95000E-003	6.74300E-002	9.86800E-002	1.60000E-004	3.38000E-003	3.38000E-003	0.00000E+000	1.39152E+001	1.39152E+001	8.10000E-004	0.00000E+000	1.39355E+001
Cement and Mortar Mixers	6.26000E-003	3.92600E-002	3.28800E-002	8.00000E-005	1.53000E-003	1.53000E-003	0.00000E+000	4.88637E+000	4.88637E+000	5.10000E-004	0.00000E+000	4.89905E+000
Concrete/Industrial Saws	1.45760E-001	1.13462E+000	1.54855E+000	2.65000E-003	5.81400E-002	5.81400E-002	0.00000E+000	2.27429E+002	2.27429E+002	1.18000E-002	0.00000E+000	2.27723E+002
Cranes	5.41150E-001	5.70688E+000	3.70186E+000	1.01500E-002	2.35280E-001	2.16460E-001	0.00000E+000	8.91685E+002	8.91685E+002	2.88390E-001	0.00000E+000	8.98894E+002
Excavators	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Forklifts	1.55950E-001	1.45482E+000	1.83372E+000	2.45000E-003	8.58800E-002	7.90100E-002	0.00000E+000	2.15655E+002	2.15655E+002	6.97500E-002	0.00000E+000	2.17398E+002
Generator Sets	1.69650E-001	1.51462E+000	2.07836E+000	3.73000E-003	6.89300E-002	6.89300E-002	0.00000E+000	3.20190E+002	3.20190E+002	1.34900E-002	0.00000E+000	3.20527E+002
Graders	2.61000E-002	3.34620E-001	1.06930E-001	4.10000E-004	1.07100E-002	9.86000E-003	0.00000E+000	3.55985E+001	3.55985E+001	1.15100E-002	0.00000E+000	3.58864E+001
Pavers	8.88000E-003	8.41200E-002	1.39360E-001	2.30000E-004	3.96000E-003	3.64000E-003	0.00000E+000	1.98936E+001	1.98936E+001	6.43000E-003	0.00000E+000	2.00545E+001
Paving Equipment	4.33000E-003	3.95900E-002	6.87500E-002	1.10000E-004	1.94000E-003	1.79000E-003	0.00000E+000	9.65997E+000	9.65997E+000	3.12000E-003	0.00000E+000	9.73808E+000
Rollers	9.41000E-003	9.86800E-002	1.20490E-001	1.70000E-004	5.17000E-003	4.76000E-003	0.00000E+000	1.50107E+001	1.50107E+001	4.85000E-003	0.00000E+000	1.51321E+001
Rubber Tired Dozers	1.99470E-001	2.08586E+000	8.34820E-001	2.00000E-003	9.84900E-002	9.06100E-002	0.00000E+000	1.76237E+002	1.76237E+002	5.70000E-002	0.00000E+000	1.77662E+002
Scrapers	3.36000E-003	3.18500E-002	2.69000E-002	8.00000E-005	1.25000E-003	1.15000E-003	0.00000E+000	6.65940E+000	6.65940E+000	2.15000E-003	0.00000E+000	6.71324E+000
Tractors/Loaders/Balckhoes	3.89710E-001	3.94143E+000	5.65714E+000	7.87000E-003	1.96030E-001	1.80340E-001	0.00000E+000	6.90961E+002	6.90961E+002	2.23470E-001	0.00000E+000	6.96548E+002
Trenchers	2.25900E-002	2.06020E-001	1.51800E-001	2.00000E-004	1.50200E-002	1.38200E-002	0.00000E+000	1.72036E+001	1.72036E+001	5.56000E-003	0.00000E+000	1.73427E+001
Welders	4.24560E-001	2.38415E+000	2.84868E+000	4.34000E-003	8.98500E-002	8.98500E-002	0.00000E+000	3.19881E+002	3.19881E+002	3.45000E-002	0.00000E+000	3.20743E+002

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Percent Reduction												
Aerial Lifts	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	7.18637E-007	7.18637E-007	0.00000E+000	0.00000E+000	1.43518E-006
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Concrete/Industrial Saws	0.00000E+000	8.81345E-006	6.45761E-006	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.18718E-006	1.18718E-006	0.00000E+000	0.00000E+000	1.18565E-006
Cranes	0.00000E+000	1.75227E-006	2.70134E-006	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.18876E-006	1.18876E-006	0.00000E+000	0.00000E+000	1.19035E-006
Excavators	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Forklifts	0.00000E+000	0.00000E+000	5.45337E-006	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.20563E-006	1.20563E-006	0.00000E+000	0.00000E+000	1.19596E-006
Generator Sets	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.18680E-006	1.18680E-006	0.00000E+000	0.00000E+000	1.21675E-006
Graders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.12364E-006	1.12364E-006	0.00000E+000	0.00000E+000	1.11463E-006
Pavers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.00535E-006	1.00535E-006	0.00000E+000	0.00000E+000	9.97282E-007
Paving Equipment	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.03520E-006	1.03520E-006	0.00000E+000	0.00000E+000	1.02690E-006
Rollers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	6.66191E-007	6.66191E-007	0.00000E+000	0.00000E+000	6.60848E-007
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.19157E-006	1.19157E-006	0.00000E+000	0.00000E+000	1.18202E-006
Scrapers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.48959E-006
Tractors/Loaders/Bulldozers	2.56594E-005	0.00000E+000	1.76767E-006	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.18675E-006	1.18675E-006	0.00000E+000	0.00000E+000	1.17723E-006
Trenchers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.16254E-006	1.16254E-006	0.00000E+000	0.00000E+000	1.15322E-006
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.18794E-006	1.18794E-006	0.00000E+000	0.00000E+000	1.18475E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input	Mitigation Input	Mitigation Input	
No	Soil Stabilizer for unpaved Roads	PM10 Reduction	0.00	PM2.5 Reduction	0.00
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00
No	Unpaved Road Mitigation	Moisture Content %	0.00	Vehicle Speed (mph)	15.00
				Frequency (per day)	3.00

No	Clean Paved Road	% PM Reduction	0.00
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Phase	Source	Unmitigated		Mitigated		Percent Reduction	
		PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating - Site 1	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - Site 1	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - Site 2	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - Site 2	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - Site 3	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - Site 3	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - Site 4	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - Site 4	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - Site 5	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - Site 5	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - Site 6	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - Site 6	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - Site 1	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - Site 1	Roads	0.51	0.14	0.51	0.14	0.00	0.00
Building Construction - Site 2	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - Site 2	Roads	0.04	0.01	0.04	0.01	0.00	0.00
Building Construction - Site 3	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - Site 3	Roads	0.04	0.01	0.04	0.01	0.00	0.00
Building Construction - Site 4	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - Site 4	Roads	0.28	0.08	0.28	0.08	0.00	0.00
Building Construction - Site 5	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - Site 5	Roads	0.21	0.06	0.21	0.06	0.00	0.00
Building Construction - Site 6	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00

Building Construction - Site 6	Roads	0.09	0.02	0.09	0.02	0.00	0.00
Demolition - Site 1	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Demolition - Site 1	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Demolition - Site 2	Fugitive Dust	0.00	0.00	0.00	0.00	0.61	0.62
Demolition - Site 2	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Demolition - Site 3	Fugitive Dust	0.04	0.01	0.02	0.00	0.61	0.61
Demolition - Site 3	Roads	0.02	0.01	0.02	0.01	0.00	0.00
Demolition - Site 4	Fugitive Dust	0.06	0.01	0.02	0.00	0.61	0.61
Demolition - Site 4	Roads	0.03	0.01	0.03	0.01	0.00	0.00
Demolition - Site 5	Fugitive Dust	0.07	0.01	0.03	0.00	0.61	0.61
Demolition - Site 5	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Demolition - Site 6	Fugitive Dust	0.00	0.00	0.00	0.00	0.61	0.62
Demolition - Site 6	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Grading - Site 1	Fugitive Dust	0.05	0.03	0.02	0.01	0.61	0.61
Grading - Site 1	Roads	0.06	0.02	0.06	0.02	0.00	0.00
Grading - Site 2	Fugitive Dust	0.00	0.00	0.00	0.00	0.61	0.60
Grading - Site 2	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Grading - Site 3	Fugitive Dust	0.00	0.00	0.00	0.00	0.61	0.61
Grading - Site 3	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Grading - Site 4	Fugitive Dust	0.06	0.03	0.02	0.01	0.61	0.61
Grading - Site 4	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Grading - Site 5	Fugitive Dust	0.00	0.00	0.00	0.00	0.61	0.61
Grading - Site 5	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Grading - Site 6	Fugitive Dust	0.00	0.00	0.00	0.00	0.61	0.61
Grading - Site 6	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Paving - Site 1	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving - Site 1	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Paving - Site 2	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00

Paving - Site 2	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Paving - Site 3	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving - Site 3	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Paving - Site 4	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving - Site 4	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Paving - Site 5	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving - Site 5	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Paving - Site 6	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving - Site 6	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation - Site 1	Fugitive Dust	0.03	0.01	0.01	0.01	0.61	0.61
Site Preparation - Site 1	Roads	0.03	0.01	0.03	0.01	0.00	0.00
Site Preparation - Site 2	Fugitive Dust	0.00	0.00	0.00	0.00	0.62	0.67
Site Preparation - Site 2	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation - Site 3	Fugitive Dust	0.00	0.00	0.00	0.00	0.62	0.50
Site Preparation - Site 3	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation - Site 4	Fugitive Dust	0.00	0.00	0.00	0.00	0.61	0.60
Site Preparation - Site 4	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Site Preparation - Site 5	Fugitive Dust	0.00	0.00	0.00	0.00	0.61	0.67
Site Preparation - Site 5	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation - Site 6	Fugitive Dust	0.00	0.00	0.00	0.00	0.61	0.67
Site Preparation - Site 6	Roads	0.00	0.00	0.00	0.00	0.00	0.00

Kaiser LAMC Operational Modeling Inputs
Existing LAMC Campus and Vermont Site - Uses to be Demolished Only

Baseline Operational Year: 2017

Weekday daily trips ²	Size	Unit	Daily Trips
Apartments	2	DU	13
Medical Office Buliding (1)	219.11	KSF	6,729
Medical Office Building (2)	15.11	KSF	546
Parking Lot (1)	86	spaces	0
Unenclosed Parking Structure	114.736	KSF	0
Parking Lot (2)	0.3	acres	0
	Total		7,288
		Primary Trips	6,615
		Pass-By	673

CalEEMod Trip Rate Adjustments for Saturday and Sunday						
TIS Trip Rates	Default Weekday	Default Saturday	Default Sunday	Adj Saturday	Adj Sunday	
6.500	6.59	7.16	6.07	7.062	5.987	
30.710	36.13	8.96	1.55	7.616	1.317	
36.128	36.13	8.96	1.55	8.959	1.550	
0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.000	0.000	0.000	0.000	
Wtd Avg MOB	31.060	36.13	8.96	1.55	7.703	1.332

Total Existing Use Operational Consumption

Parameter	Value	Units	Source
Electricity - Apartments	8,236.26	kwh/year	3
Electricity - MOB (1)	4,051,380.88	kwh/year	1
Electricity - MOB (2)	279,439.37	kwh/year	1
Electricity - Parking Lot (1)	12,040.00	kwh/year	3
Electricity - Parking Lot (2)	4,573.80	kwh/year	3
Electricity - Parking Structure	200,795.00	kwh/year	3
Natural Gas - Apartments	28,232.10	kBtu/year	3
Natural Gas - MOB (1)	11,089,258.32	kBtu/year	1
Natural Gas - MOB (2)	764,868.93	kBtu/year	1
Water - Apartments	1,100,110.00	gal/year	4
Water - MOB (1)	1,075,290.00	gal/year	4
Waste - Apartments	0.92	tons/year	3
Waste - MOB (1)	1,947.35	tons/year	2
Waste - MOB (2)	128.99	tons/year	2
Waste - Parking Structure	20.81	tons/year	2

Note: Includes MOB (2)

Source:

1. Energy - Water & Waste Comp Data for LAMC Master Plan
2. EIR Solid Waste Analysis
3. CalEEMod 2016.3.2 Default Values
4. WSA

Kaiser LAMC Operational Modeling Inputs
Phase 1 LAMC Campus

Operational Year: 2024

Existing Uses - Left To Be Demolished

Weekday daily trips ²	Size	Unit	Daily Trips
Medical Office Building	19,199	KSF	590
Unenclosed Parking Structure	114,736	KSF	0
Parking Lot	0.3	acres	0
Total			590
		Primary Trips	531
		Pass-By	59

TIS Trip Rates	Default Weekday	Default Sai	Default Sui	Adj Saturday	Adj Sunday
30.710	36.13	8.96	1.55	7.616	1.317
0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000

Existing Use Operational Consumption

Parameter	Value	Units	Source
Electricity - MOB	354,989.51	kwh/year	1
Electricity - Parking Lot	4,573.80	kwh/year	3
Electricity - Parking Structure	200,795.00	kwh/year	3
Natural Gas - MOB	971,661.39	kBtu/year	1
Water - MOB	166,805.00	gal/year	4
Waste - MOB	170.56	tons/year	2
Waste - Parking Structure	20.81	tons/year	2

Site Number	Address
Site 1	1345 North Vermont Avenue
Site 2	4760 Sunset Boulevard

Proposed Uses

Weekday daily trips ²	Size	Unit	Daily Trips
Medical Office Building	130	KSF	3,992
Enclosed Parking with Elevator	302.8	KSF	0
Medical Office Building	50	KSF	1,535
Parking Lot	6 Spaces		0
Total			5,528
		Primary Trips	4,975
		Pass-By	553

TIS Trip Rates	Default Weekday	Default Sai	Default Sui	Adj Saturday	Adj Sunday
30.709	36.13	8.96	1.55	7.616	1.317
0.000	0	0	0	0.000	0.000
30.709	36.13	8.96	1.55	7.616	1.317
0.000	0	0	0	0.000	0.000

Net weekday primary trips: -1,109 (Phase 1 minus Existing)

Operational Consumption

Site Number	Building SF	Electricity kwh/year	Natural Gas therms/year	Waste tons/year	Indoor Water gal/year	Outdoor Water gal/year
Site 1 MOB	130,000	1,413,100	16,770	1154.89	15,428,099.38	66,234.41
Site 2 MOB	50,000	543,500	6,450	444.19	5,933,884.38	25,474.77
Site 1 Parking Structure	302800	393,640	-	52.29	72,647.29	-

Stationary Sources

Equipment Description	Location	Rating		Operating Parameters ^{3,5}			Emission Factors ^{3,6}							Emission Rates									
		kW	HP	Load Factor	hr/day	hr/yr	ROG lb/hp-hr	NOx g/kW-hr	CO g/kW-hr	SOx g/hp-hr	PM10 g/kW-hr	PM2.5 g/kW-hr	CO2 lb/hp-hr	CH4 g/hp-hr	ROG lb/day	NOx lb/day	CO lb/day	SOx lb/day	PM10 lb/day	PM2.5 lb/day	CO2 MT/yr	CH4 MT/yr	CO2e MT/yr
Emergency Diesel Generator	Site 1	750	1,006	0.73	4	30	0.002248	0.67	3.5	0.0049	0.03	0.03	1.15	0.073134	6.60	3.23	16.90	0.03	0.14	0.14	11.49	0.002	11.530
Emergency Diesel Generator	Site 2	300	402	0.73	4	30	0.002248	0.40	3.5	0.0049	0.02	0.02	1.15	0.073134	2.64	0.77	6.76	0.01	0.04	0.04	4.60	0.001	4.612

Notes: Not including Chillers or Boilers since those are included in Building Load Assumptions
Emergency diesel generator operating hours based on annual load test and 30 minute operating hours per week.

Source:

- Energy - Water & Waste Comp Data for LAMC Master Plan
- EIR Solid Waste Analysis
- CalEEMod 2016.3.2 Default Values
- WSA
- Operating parameters per Abby White, Perkins & Will, September 14, 2018.
- Current CARB and EPA engine standards for Tier 4 equipment.

Conversions:

1 lb =	453.6	g
1 MT =	2204.623	lb
1 MT =	1000000	g

Kaiser LAMC Operational Modeling Inputs - Option A
Phase 2 LAMC Campus

Operational Year: 2028

Existing Uses - Left To Be Demolished

Weekday daily trips ²	Size	Unit	Daily Trips
Parking Lot	0.3	acres	0

TIS Trip Rates	Default Weekday	Default Saturday	Default Sunday	Adj Saturday	Adj Sunday
0.000	0.000	0.000	0.000	0.000	0.000

Existing Use Operational Consumption

Parameter	Value	Units	Source
Electricity - Parking Lot	4,573.80	kwh/year	3

Source:

1. Energy - Water & Waste Comp Data for LAMC Master Plan
2. EIR Solid Waste Analysis
3. CalEEMod 2016.3.2 Default Values
4. WSA

Site Number	Address
Site 5	1517 North Vermont Avenue
Site 4	1526 North Edgemont Street

Proposed Uses

Weekday daily trips ²	Size	Unit	Daily Trips
Medical Office Building	130	KSF	3,992
Enclosed Parking with Elevator	302.8	KSF	0
Medical Office Building	50	KSF	1,535
Parking Lot	6	Spaces	0
Medical Office Building	177.3	KSF	5,445
Enclosed Parking with Elevator	230.6	KSF	0
Strip Mall	2.3	KSF	98
Total			11,070

TIS Trip Rates	Default Weekday	Default Saturday	Default Sunday	Adj Saturday	Adj Sunday
30.709	36.13	8.96	1.55	7.616	1.317
0.000	0	0	0	0.000	0.000
30.709	36.13	8.96	1.55	7.616	1.317
0.000	0	0	0	0.000	0.000
30.709	36.13	8.96	1.55	7.616	1.317
0.000	0	0	0	0.000	0.000
42.609	44.32	42.04	20.43	40.417	19.641

Primary Trips 9,973
Pass-By 1,097

Net weekday primary trips: 3,358 (Phase 1 and 2 minus Existing)

Operational Consumption

Site Number	Building SF	Electricity kwh/year	Natural Gas therms/year	Waste tons/year	Indoor Water gal/year	Outdoor Water gal/year
Site 1 MOB	130,000	1,413,100	16,770	1,154.89	15,428,099.38	66,234.41
Site 2 MOB	50,000	543,500	6,450	444.19	5,933,884.38	25,474.77
Site 1 Parking Structure	302,800	393,640	-	52.29	72,647.29	-
Site 5 Parking Structure	230,600	299,780	-	39.82	55,309.84	-
Site 5 Strip Mall	2,300	-	-	22.92	27,533.22	118.20
Site 4 Option A	177,300	1,927,251	22,872	1,575.09	21,041,553.99	90,333.55

Stationary Sources

Equipment Description	Location	Rating		Operating Parameters ^{3,5}			Emission Factors ^{3,6}							Emission Rates									
		kW	HP	Load Factor	hr/day	hr/yr	ROG lb/hp-hr	NOx g/kW-hr	CO g/kW-hr	SOx g/hp-hr	PM10 g/kW-hr	PM2.5 g/kW-hr	CO2 lb/hp-hr	CH4 g/hp-hr	ROG lb/day	NOx lb/day	CO lb/day	SOx lb/day	PM10 lb/day	PM2.5 lb/day	CO2 MT/yr	CH4 MT/yr	CO2e MT/yr
Emergency Diesel Generator	Site 1	750	1,006	0.73	4	30	0.002248	0.67	3.5	0.0049	0.03	0.03	1.15	0.073134	6.60	3.23	16.90	0.03	0.14	0.14	11.49	0.002	11.530
Emergency Diesel Generator	Site 2	300	402	0.73	4	30	0.002248	0.40	3.5	0.0049	0.02	0.02	1.15	0.073134	2.64	0.77	6.76	0.01	0.04	0.04	4.60	0.001	4.612
Emergency Diesel Generator	Site 4 - Option A	1,000	1,341	0.73	4	30	0.002248	0.67	3.5	0.0049	0.03	0.03	1.15	0.073134	8.80	4.31	22.53	0.04	0.19	0.19	15.32	0.002	15.373

Notes: Not including Chillers or Boilers since those are included in Building Load Assumptions
Emergency diesel generator operating hours based on annual load test and 30 minute operating hours per week.

Source:

1. Energy - Water & Waste Comp Data for LAMC Master Plan
2. EIR Solid Waste Analysis
3. CalEEMod 2016.3.2 Default Values
4. WSA
5. Operating parameters per Abby White, Perkins & Will, September 14, 2018.
6. Current CARB and EPA engine standards for Tier 4 equipment.

Conversions:

1 lb =	453.6	g
1 MT =	2204.623	lb
1 MT =	1000000	g

Kaiser LAMC Operational Modeling Inputs - Option A
Phase 3 LAMC Campus

Operational Year: 2030

Existing Uses - *Left To Be Demolished*
None

Site Number	Address
Site 6	1430 & 1424 North Alexandria Avenue
Site 3	1505 North Edgemont Street

Proposed Uses

Weekday daily trips ²	Size	Unit	Daily Trips	TIS Trip Rates	Default Weekday	Default Saturday	Default Sunday	Adj Saturday	Adj Sunday	
Medical Office Building	130	KSF	3,992	Site 1	30.709	36.13	8.96	1.55	7.616	1.317
Enclosed Parking with Elevator	302.8	KSF	0	Site 1	0.000	0	0	0	0.000	0.000
Medical Office Building	50	KSF	1,535	Site 2	30.709	36.13	8.96	1.55	7.616	1.317
Parking Lot	6	Spaces	0	Site 2	0.000	0	0	0	0.000	0.000
Medical Office Building	177.3	KSF	5,445	Site 4	30.709	36.13	8.96	1.55	7.616	1.317
Enclosed Parking with Elevator	230.6	KSF	0	Site 5	0.000	0	0	0	0.000	0.000
Strip Mall	2.3	KSF	98	Site 5	42.609	44.32	42.04	20.43	40.417	19.641
Medical Office Building	41.5	KSF	1,274	Site 3	30.709	36.13	8.96	1.55	7.616	1.317
Enclosed Parking with Elevator	122.4	KSF	0	Site 6	0.000	0	0	0	0.000	0.000
Total			12,345							
		Primary Trips	11,120							
		Pass-By	1,225							

Net weekday primary trips: 4,505 (Phase 1, 2, and 3 minus Existing)

Operational Consumption

Site Number	Building SF	Electricity kwh/year	Natural Gas therms/year	Waste tons/year	Indoor Water gal/year	Outdoor Water gal/year
Site 1 MOB	130,000	1,413,100	16,770	1,154.89	15,428,099.38	66,234.41
Site 2 MOB	50,000	543,500	6,450	444.19	5,933,884.38	25,474.77
Site 1 Parking Structure	302,800	393,640	-	52.29	72,647.29	-
Site 5 Parking Structure	230,600	299,780	-	39.82	55,309.84	-
Site 5 Strip Mall	2,300	-	-	22.92	27,533.22	118.20
Site 4 Option A	177,300	1,927,251	22,872	1,575.09	21,041,553.99	90,333.55
Site 6 Parking Structure	122,400	159,120	-	21.14	29,357.87	-
Site 3 Option A MOB	41,500	451,105	5,354	368.68	4,925,124.03	21,144.06

Stationary Sources

Equipment Description	Location	Rating		Operating Parameters ^{3,5}			Emission Factors ^{3,6}								Emission Rates								
		kW	HP	Load Factor	hr/day	hr/yr	ROG lb/hp-hr	NOx g/kW-hr	CO g/kW-hr	SOx g/hp-hr	PM10 g/kW-hr	PM2.5 g/kW-hr	CO2 lb/hp-hr	CH4 g/hp-hr	ROG lb/day	NOx lb/day	CO lb/day	SOx lb/day	PM10 lb/day	PM2.5 lb/day	CO2 MT/yr	CH4 MT/yr	CO2e MT/yr
Emergency Diesel Generator	Site 1	750	1,006	0.73	4	30	0.002248	0.67	3.5	0.0049	0.03	0.03	1.15	0.073134	6.60	3.23	16.90	0.03	0.14	0.14	11.49	0.002	11.530
Emergency Diesel Generator	Site 2	300	402	0.73	4	30	0.002248	0.40	3.5	0.0049	0.02	0.02	1.15	0.073134	2.64	0.77	6.76	0.01	0.04	0.04	4.60	0.001	4.612
Emergency Diesel Generator	Site 4 - Option A	1,000	1,341	0.73	4	30	0.002248	0.67	3.5	0.0049	0.03	0.03	1.15	0.073134	8.80	4.31	22.53	0.04	0.19	0.19	15.32	0.002	15.373
Emergency Diesel Generator	Site 3 - Option A	300	402	0.73	4	30	0.002248	0.40	3.5	0.0049	0.02	0.02	1.15	0.073134	2.64	0.77	6.76	0.01	0.04	0.04	4.60	0.001	4.612

Notes: Not including Chillers or Boilers since those are included in Building Load Assumptions
Emergency diesel generator operating hours based on annual load test and 30 minute operating hours per week.

Source:

- Energy - Water & Waste Comp Data for LAMC Master Plan
- EIR Solid Waste Analysis
- CalEEMod 2016.3.2 Default Values
- WSA
- Operating parameters per Abby White, Perkins & Will, September 14, 2018.
- Current CARB and EPA engine standards for Tier 4 equipment.

Conversions:

1 lb =	453.6	g
1 MT =	2204.623	lb
1 MT =	1000000	g

Kaiser LAMC Operational Modeling Inputs - Option B
Phase 2 LAMC Campus

Operational Year: 2028

Existing Uses - Left To Be Demolished

Weekday daily trips ²	Size	Unit	Daily Trips
Parking Lot	0.3	acres	0

TIS Trip Rates	Default Weekday	Default Saturday	Default Sunday	Adj Saturday	Adj Sunday
0.000	0.000	0.000	0.000	0.000	0.000

Site Number	Address
Site 5	1517 North Vermont Avenue
Site 4	1526 North Edgemont Street

Proposed Uses

Weekday daily trips ²	Size	Unit	Daily Trips
Medical Office Building	130	KSF	3,992
Enclosed Parking with Elevator	302.8	KSF	0
Medical Office Building	50	KSF	1,535
Parking Lot	6	Spaces	0
Hospital	105	Beds	1,155
Enclosed Parking with Elevator	230.6	KSF	0
Strip Mall	2.3	KSF	98
Total			6,780
Primary Trips			6,228
Pass-By			553

TIS Trip Rates	Default Weekday	Default Saturday	Default Sunday	Adj Saturday	Adj Sunday
30.709	36.13	8.96	1.55	7.616	1.317
0.000	0	0	0	0.000	0.000
30.709	36.13	8.96	1.55	7.616	1.317
0.000	0	0	0	0.000	0.000
10.998	12.94	8.14	7.19	6.918	6.111
0.000	0	0	0	0.000	0.000
42.609	44.32	42.04	20.43	40.417	19.641

Net weekday primary trips: -387 (Phase 1 and 2 minus Existing)

Operational Consumption

Site Number	Building SF	Electricity kwh/year	Natural Gas therms/year	Waste tons/year	Indoor Water gal/year	Outdoor Water gal/year
Site 1 MOB	130,000	1,413,100	16,770	1,154.89	15,426,643.48	66,234.41
Site 2 MOB	50,000	543,500	6,450	444.19	5,933,324.41	25,474.77
Site 1 Parking Structure	302,800	393,640	-	52.29	72,647.29	-
Site 5 Parking Structure	230,600	299,780	-	39.82	55,309.84	-
Site 5 Strip Mall	2,300	-	-	22.92	27,530.63	118.20
Site 4 Option B Hospital	177,300	2,482,200	27,482	1,025.47	11,602,008.29	32,328.51

Stationary Sources

Equipment Description	Location	Emission Factors ^{3,6}														Emission Rates							
		Rating		Operating Parameters ^{3,5}			ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	CO2e
		kW	HP	Load Factor	hr/day	hr/yr	lb/hp-hr	g/kW-hr	g/kW-hr	g/hp-hr	g/kW-hr	g/kW-hr	lb/hp-hr	g/hp-hr	lb/day	lb/day	lb/day	lb/day	lb/day	lb/day	MT/yr	MT/yr	MT/yr
Emergency Diesel Generator	Site 1	750	1,006	0.73	4	30	0.002248	0.67	3.5	0.0049	0.03	0.03	1.15	0.073134	6.60	3.23	16.90	0.03	0.14	0.14	11.49	0.002	11.530
Emergency Diesel Generator	Site 2	300	402	0.73	4	30	0.002248	0.40	3.5	0.0049	0.02	0.02	1.15	0.073134	2.64	0.77	6.76	0.01	0.04	0.04	4.60	0.001	4.612
Emergency Diesel Generator	Site 4 - Option B	1,500	2,012	0.73	4	30	0.002248	0.67	3.5	0.0049	0.03	0.03	1.15	0.073134	13.20	6.47	33.80	0.06	0.29	0.29	22.98	0.003	23.060

Notes: Not including Chillers or Boilers since those are included in Building Load Assumptions
Emergency diesel generator operating hours based on annual load test and 30 minute operating hours per week.

Source:

- Energy - Water & Waste Comp Data for LAMC Master Plan
- EIR Solid Waste Analysis
- CalEEMod 2016.3.2 Default Values
- WSA
- Operating parameters per Abby White, Perkins & Will, September 14, 2018.
- Current CARB and EPA engine standards for Tier 4 equipment.

Conversions:

1 lb =	453.6	g
1 MT =	2204.623	lb
1 MT =	1000000	g

Kaiser LAMC Operational Modeling Inputs - Option B
Phase 3 LAMC Campus

Operational Year: 2030

Existing Uses - Left To Be Demolished
None

Site Number	Address
Site 6	1430 & 1424 North Alexandria Avenue
Site 3	1505 North Edgemont Street

Proposed Uses

Weekday daily trips ²	Size	Unit	Daily Trips	TIS Trip Rates	Default Weekday	Default Saturday	Default Sunday	Adj Saturday	Adj Sunday	
Medical Office Building	130	KSF	3,992	Site 1	30.709	36.13	8.96	1.55	7.616	1.317
Enclosed Parking with Elevator	302.8	KSF	0	Site 1	0.000	0	0	0	0.000	0.000
Medical Office Building	50	KSF	1,535	Site 2	30.709	36.13	8.96	1.55	7.616	1.317
Parking Lot	6	Spaces	0	Site 2	0.000	0	0	0	0.000	0.000
Hospital	105	Beds	1,155	Site 4	10.998	12.94	8.14	7.19	6.918	6.111
Enclosed Parking with Elevator	230.6	KSF	0	Site 5	0.000	0	0	0	0.000	0.000
Strip Mall	2.3	KSF	98	Site 5	42.609	44.32	42.04	20.43	40.417	19.641
Medical Office Building	73.5	KSF	2,257	Site 3	30.709	36.13	8.96	1.55	7.616	1.317
Enclosed Parking with Elevator	122.4	KSF	0	Site 6	0.000	0	0	0	0.000	0.000
Total			9,038							
			Primary Trips	8,259						
			Pass-By	778						

Net weekday primary trips: 1,644 (Phase 1, 2, and 3 minus Existing)

Operational Consumption

Site Number	Building SF	Electricity kwh/year	Natural Gas therms/year	Waste tons/year	Indoor Water gal/year	Outdoor Water gal/year
Site 1 MOB	130,000	1,413,100	16,770	1,154.89	15,426,643.48	66,234.41
Site 2 MOB	50,000	543,500	6,450	444.19	5,933,324.41	25,474.77
Site 1 Parking Structure	302,800	393,640	-	52.29	72,647.29	-
Site 5 Parking Structure	230,600	299,780	-	39.82	55,309.84	-
Site 5 Strip Mall	2,300	-	-	22.92	27,530.63	118.20
Site 4 Option B Hospital	177,300	2,482,200	27,482	1,025.47	11,602,008.29	32,328.51
Site 6 Parking Structure	122,400	159,120	-	21.14	29,357.87	-
Site 3 Option B MOB	73,500	798,945	9,482	652.95	5,030,718.20	79,149.10

Stationary Sources

Equipment Description	Location	Rating		Operating Parameters ^{3,5}			Emission Factors ^{3,6}								Emission Rates								
		kW	HP	Load Factor	hr/day	hr/yr	ROG lb/hp-hr	NOx g/kW-hr	CO g/kW-hr	SOx g/hp-hr	PM10 g/kW-hr	PM2.5 g/kW-hr	CO2 lb/hp-hr	CH4 g/hp-hr	ROG lb/day	NOx lb/day	CO lb/day	SOx lb/day	PM10 lb/day	PM2.5 lb/day	CO2 MT/yr	CH4 MT/yr	CO2e MT/yr
Emergency Diesel Generator	Site 1	750	1,006	0.73	4	30	0.002248	0.67	3.5	0.0049	0.03	0.03	1.15	0.073134	6.60	3.23	16.90	0.03	0.14	0.14	11.49	0.002	11.530
Emergency Diesel Generator	Site 2	300	402	0.73	4	30	0.002248	0.40	3.5	0.0049	0.02	0.02	1.15	0.073134	2.64	0.77	6.76	0.01	0.04	0.04	4.60	0.001	4.612
Emergency Diesel Generator	Site 4 - Option B	1,500	2,012	0.73	4	30	0.002248	0.67	3.5	0.0049	0.03	0.03	1.15	0.073134	13.20	6.47	33.80	0.06	0.29	0.29	22.98	0.003	23.060
Emergency Diesel Generator	Site 3 - Option B	400	536	0.73	4	30	0.002248	0.40	3.5	0.0049	0.02	0.02	1.15	0.073134	3.52	1.03	9.01	0.02	0.05	0.05	6.13	0.001	6.149

Notes: Not including Chillers or Boilers since those are included in Building Load Assumptions
Emergency diesel generator operating hours based on annual load test and 30 minute operating hours per week.

Source:

- Energy - Water & Waste Comp Data for LAMC Master Plan
- EIR Solid Waste Analysis
- CalEEMod 2016.3.2 Default Values
- WSA
- Operating parameters per Abby White, Perkins & Will, September 14, 2018.
- Current CARB and EPA engine standards for Tier 4 equipment.

Conversions:

1 lb =	453.6	g
1 MT =	2204.623	lb
1 MT =	1000000	g

Kaiser LAMC Operational LST Analysis - Options A and B
 Buildout LAMC Campus

Option A - Estimated Daily Maximum Operational Emissions (pounds/day)

Emissions Source	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
<i>Phases I through III Buildout</i>						
Area Sources	8.87	<0.01	0.11	<0.01	<0.01	<0.01
Energy Sources	0.15	1.38	1.16	0.01	0.11	0.11
Mobile Sources	14.89	73.42	198.14	0.92	91.29	24.79
Stationary Sources	20.69	9.09	52.95	0.10	0.42	0.42
Total	44.60	83.89	252.36	1.03	91.82	25.32

On-Site Only		12.87	60.70		3.51	1.34
Operational LST		161.00	1,861.00		4.00	2.00
SRA 1, 5-Acre Site, 25 m distance						

Trips

Option 3A

Weekday	Sat	Sun	Annual VMT
12,345.15	3,131.82	571.59	32,314,423.41
Annual Trips			3,402,316.58
Average VMT/Trip			9.498
% based on 500 meters on-site			0.0327

Option B - Estimated Daily Maximum Operational Emissions (pounds/day)

Emissions Source	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
<i>Phases I through III Buildout</i>						
Area Sources	9.56	<0.01	0.10	<0.01	<0.01	<0.01
Energy Sources	0.18	1.62	1.36	0.01	0.12	0.12
Mobile Sources	11.18	55.11	151.76	0.70	70.37	19.11
Stationary Sources	25.97	11.51	66.47	0.12	0.52	0.52
Total	46.89	68.24	219.68	0.84	71.02	19.76

On-Site Only		14.83	72.89		2.82	1.23
Operational LST		161.00	1,861.00		4.00	2.00
SRA 1, 5-Acre Site, 25 m distance						

Trips

Option 3B

Weekday	Sat	Sun	Annual VMT
9,037.99	2,751.24	1,021.34	25,644,679.72
Annual Trips			2,546,050.94
Average VMT/Trip			10.072
% based on 500 meters on-site			0.0308

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Annual

Kaiser LAMC - Existing Phase 1
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	215.03	1000sqft	4.94	215,026.00	0
Parking Lot	86.00	Space	0.77	34,400.00	0
Parking Lot	0.30	Acre	0.30	13,068.00	0
Apartments Low Rise	2.00	Dwelling Unit	0.13	2,000.00	6

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2024
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	731.51	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Annual

Project Characteristics - LADWP CO2 Intensity Factor adjusted for year 2024 based on 44% RPS requirement per SB 100

Land Use - Existing land uses to be demolished. Acreages based on CalEEMod defaults

Construction Phase - Modeling operations only

Off-road Equipment - Modeling operations only

Trips and VMT - Modeling operations only

Vehicle Trips - Weekday trip rates and pass-by % based on LLG TIS. Weighted average used for MOB. Adjusted Saturday and Sunday trip rates based on weekday factor

Woodstoves - No woodstoves or fireplaces assumed for existing residences

Area Coating - Adjusted non-residential interior VOC to 50 g/L per Rule 1113

Energy Use - Adjusted energy use factors based on average existing LAMC MOB electricity and natural gas usage per square foot. Other uses based on CalEEMod defaults

Water And Wastewater - Water use data based on LADWP WSA

Solid Waste - Apartment solid waste based on defaults. Other uses based on Solid Waste assumptions of EIR

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblEnergyUse	LightingElect	3.77	5.37
tblEnergyUse	NT24E	4.62	6.58
tblEnergyUse	NT24NG	0.39	1.90
tblEnergyUse	T24E	4.60	6.55
tblEnergyUse	T24NG	10.02	48.71
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	1.70	0.00
tblFireplaces	NumberNoFireplace	0.20	2.00
tblFireplaces	NumberWood	0.10	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Annual

tblProjectCharacteristics	CO2IntensityFactor	1227.89	731.51
tblSolidWaste	SolidWasteGenerationRate	2,529.58	1,906.15
tblSolidWaste	SolidWasteGenerationRate	0.00	8.67
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	60.00	90.00
tblVehicleTrips	ST_TR	7.16	7.06
tblVehicleTrips	ST_TR	8.96	7.70
tblVehicleTrips	SU_TR	6.07	5.99
tblVehicleTrips	SU_TR	1.55	1.33
tblVehicleTrips	WD_TR	6.59	6.50
tblVehicleTrips	WD_TR	36.13	31.06
tblWater	IndoorWaterUseRate	130,308.05	1,100,110.00
tblWater	IndoorWaterUseRate	29,390,051.51	987,150.00
tblWater	OutdoorWaterUseRate	82,150.73	0.00
tblWater	OutdoorWaterUseRate	5,598,105.05	0.00
tblWoodstoves	NumberCatalytic	0.10	0.00
tblWoodstoves	NumberNoncatalytic	0.10	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Annual

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

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	0.8590	2.7000e-004	0.0245	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004	0.0000	0.0412	0.0412	5.0000e-005	0.0000	0.0425
Energy	0.0588	0.5348	0.4487	3.2100e-003		0.0407	0.0407		0.0407	0.0407	0.0000	1,910.4052	1,910.4052	0.0638	0.0216	1,918.4279
Mobile	2.5121	11.9625	35.1876	0.0910	6.6455	0.1241	6.7697	1.7822	0.1171	1.8993	0.0000	8,363.8487	8,363.8487	0.5497	0.0000	8,377.5907
Waste						0.0000	0.0000		0.0000	0.0000	388.8779	0.0000	388.8779	22.9820	0.0000	963.4286
Water						0.0000	0.0000		0.0000	0.0000	0.6622	9.0179	9.6801	0.0684	1.6800e-003	11.8900
Total	3.4300	12.4975	35.6608	0.0942	6.6455	0.1649	6.8104	1.7822	0.1579	1.9400	389.5401	10,283.3129	10,672.8530	23.6639	0.0233	11,271.3796

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Annual

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	0.8590	2.7000e-004	0.0245	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004	0.0000	0.0412	0.0412	5.0000e-005	0.0000	0.0425
Energy	0.0588	0.5348	0.4487	3.2100e-003		0.0407	0.0407		0.0407	0.0407	0.0000	1,910.4052	1,910.4052	0.0638	0.0216	1,918.4279
Mobile	2.5121	11.9625	35.1876	0.0910	6.6455	0.1241	6.7697	1.7822	0.1171	1.8993	0.0000	8,363.8487	8,363.8487	0.5497	0.0000	8,377.5907
Waste						0.0000	0.0000		0.0000	0.0000	388.8779	0.0000	388.8779	22.9820	0.0000	963.4286
Water						0.0000	0.0000		0.0000	0.0000	0.6622	9.0179	9.6801	0.0684	1.6800e-003	11.8900
Total	3.4300	12.4975	35.6608	0.0942	6.6455	0.1649	6.8104	1.7822	0.1579	1.9400	389.5401	10,283.3129	10,672.8530	23.6639	0.0233	11,271.3796

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2014	1/28/2014	5	20	

Acres of Grading (Site Preparation Phase): 0

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Annual

Acres of Grading (Grading Phase): 0

Acres of Paving: 1.07

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Annual

3.2 Demolition - 2014

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Annual

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.5121	11.9625	35.1876	0.0910	6.6455	0.1241	6.7697	1.7822	0.1171	1.8993	0.0000	8,363.8487	8,363.8487	0.5497	0.0000	8,377.5907
Unmitigated	2.5121	11.9625	35.1876	0.0910	6.6455	0.1241	6.7697	1.7822	0.1171	1.8993	0.0000	8,363.8487	8,363.8487	0.5497	0.0000	8,377.5907

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	13.00	14.12	11.98	50,093	50,093
Medical Office Building	6,678.71	1,655.70	285.98	17,451,888	17,451,888
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unenclosed Parking Structure	0.00	0.00	0.00		
Total	6,691.71	1,669.82	297.96	17,501,981	17,501,981

4.3 Trip Type Information

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Annual

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 Low Rise	14.70	5.90	8.70	40.20	19.20	40.60	100	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unenclosed Parking Structure	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 Low Rise	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968
Medical Office Building	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968
Parking Lot	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968
Unenclosed Parking Structure	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Annual

	ROG	NOx	CO	SO2	Fugitive 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	1,328.1688	1,328.1688	0.0527	0.0109	1,332.7315
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,328.1688	1,328.1688	0.0527	0.0109	1,332.7315
NaturalGas Mitigated	0.0588	0.5348	0.4487	3.2100e-003		0.0407	0.0407		0.0407	0.0407	0.0000	582.2364	582.2364	0.0112	0.0107	585.6963
NaturalGas Unmitigated	0.0588	0.5348	0.4487	3.2100e-003		0.0407	0.0407		0.0407	0.0407	0.0000	582.2364	582.2364	0.0112	0.0107	585.6963

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 Low Rise	28232.1	1.5000e-004	1.3000e-003	5.5000e-004	1.0000e-005		1.1000e-004	1.1000e-004		1.1000e-004	1.1000e-004	0.0000	1.5066	1.5066	3.0000e-005	3.0000e-005	1.5155
Medical Office Building	1.08825e+007	0.0587	0.5335	0.4481	3.2000e-003		0.0405	0.0405		0.0405	0.0405	0.0000	580.7298	580.7298	0.0111	0.0107	584.1808
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0588	0.5348	0.4487	3.2100e-003		0.0407	0.0407		0.0407	0.0407	0.0000	582.2364	582.2364	0.0112	0.0107	585.6963

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Annual

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	28232.1	1.5000e-004	1.3000e-003	5.5000e-004	1.0000e-005		1.1000e-004	1.1000e-004		1.1000e-004	1.1000e-004	0.0000	1.5066	1.5066	3.0000e-005	3.0000e-005	1.5155
Medical Office Building	1.08825e+007	0.0587	0.5335	0.4481	3.2000e-003		0.0405	0.0405		0.0405	0.0405	0.0000	580.7298	580.7298	0.0111	0.0107	584.1808
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0588	0.5348	0.4487	3.2100e-003		0.0407	0.0407		0.0407	0.0407	0.0000	582.2364	582.2364	0.0112	0.0107	585.6963

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Annual

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	8236.26	2.7329	1.1000e-004	2.0000e-005	2.7422
Medical Office Building	3.97798e+006	1,319.9234	0.0523	0.0108	1,324.4578
Parking Lot	12040	3.9950	1.6000e-004	3.0000e-005	4.0087
Parking Lot	4573.8	1.5176	6.0000e-005	1.0000e-005	1.5228
Total		1,328.1688	0.0527	0.0109	1,332.7315

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Annual

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

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	8236.26	2.7329	1.1000e-004	2.0000e-005	2.7422
Medical Office Building	3.97798e+006	1,319.9234	0.0523	0.0108	1,324.4578
Parking Lot	12040	3.9950	1.6000e-004	3.0000e-005	4.0087
Parking Lot	4573.8	1.5176	6.0000e-005	1.0000e-005	1.5228
Total		1,328.1688	0.0527	0.0109	1,332.7315

6.0 Area Detail**6.1 Mitigation Measures Area**

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Annual

	ROG	NOx	CO	SO2	Fugitive 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	0.8590	2.7000e-004	0.0245	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004	0.0000	0.0412	0.0412	5.0000e-005	0.0000	0.0425
Unmitigated	0.8590	2.7000e-004	0.0245	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004	0.0000	0.0412	0.0412	5.0000e-005	0.0000	0.0425

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0707					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.7873					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	9.7000e-004	2.7000e-004	0.0245	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004	0.0000	0.0412	0.0412	5.0000e-005	0.0000	0.0425
Total	0.8590	2.7000e-004	0.0245	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004	0.0000	0.0412	0.0412	5.0000e-005	0.0000	0.0425

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Annual

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0707					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.7873					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	9.7000e-004	2.7000e-004	0.0245	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004	0.0000	0.0412	0.0412	5.0000e-005	0.0000	0.0425
Total	0.8590	2.7000e-004	0.0245	0.0000		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004	0.0000	0.0412	0.0412	5.0000e-005	0.0000	0.0425

7.0 Water Detail

7.1 Mitigation Measures Water

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	9.6801	0.0684	1.6800e-003	11.8900
Unmitigated	9.6801	0.0684	1.6800e-003	11.8900

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	1.10011 / 0	5.1020	0.0360	8.9000e-004	6.2667
Medical Office Building	0.98715 / 0	4.5781	0.0323	7.9000e-004	5.6233
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		9.6801	0.0684	1.6800e-003	11.8900

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	1.10011 / 0	5.1020	0.0360	8.9000e-004	6.2667
Medical Office Building	0.98715 / 0	4.5781	0.0323	7.9000e-004	5.6233
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		9.6801	0.0684	1.6800e-003	11.8900

8.0 Waste Detail

8.1 Mitigation Measures Waste

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	388.8779	22.9820	0.0000	963.4286
Unmitigated	388.8779	22.9820	0.0000	963.4286

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	0.92	0.1868	0.0110	0.0000	0.4627
Medical Office Building	1906.15	386.9312	22.8670	0.0000	958.6057
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	8.67	1.7599	0.1040	0.0000	4.3602
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Total		388.8779	22.9820	0.0000	963.4286

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Annual

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	0.92	0.1868	0.0110	0.0000	0.4627
Medical Office Building	1906.15	386.9312	22.8670	0.0000	958.6057
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	8.67	1.7599	0.1040	0.0000	4.3602
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Total		388.8779	22.9820	0.0000	963.4286

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Annual

User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Summer

Kaiser LAMC - Existing Phase 1
Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	215.03	1000sqft	4.94	215,026.00	0
Parking Lot	86.00	Space	0.77	34,400.00	0
Parking Lot	0.30	Acre	0.30	13,068.00	0
Apartments Low Rise	2.00	Dwelling Unit	0.13	2,000.00	6

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2024
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	731.51	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Summer

Project Characteristics - LADWP CO2 Intensity Factor adjusted for year 2024 based on 44% RPS requirement per SB 100

Land Use - Existing land uses to be demolished. Acreages based on CalEEMod defaults

Construction Phase - Modeling operations only

Off-road Equipment - Modeling operations only

Trips and VMT - Modeling operations only

Vehicle Trips - Weekday trip rates and pass-by % based on LLG TIS. Weighted average used for MOB. Adjusted Saturday and Sunday trip rates based on weekday factor

Woodstoves - No woodstoves or fireplaces assumed for existing residences

Area Coating - Adjusted non-residential interior VOC to 50 g/L per Rule 1113

Energy Use - Adjusted energy use factors based on average existing LAMC MOB electricity and natural gas usage per square foot. Other uses based on CalEEMod defaults

Water And Wastewater - Water use data based on LADWP WSA

Solid Waste - Apartment solid waste based on defaults. Other uses based on Solid Waste assumptions of EIR

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblEnergyUse	LightingElect	3.77	5.37
tblEnergyUse	NT24E	4.62	6.58
tblEnergyUse	NT24NG	0.39	1.90
tblEnergyUse	T24E	4.60	6.55
tblEnergyUse	T24NG	10.02	48.71
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	1.70	0.00
tblFireplaces	NumberNoFireplace	0.20	2.00
tblFireplaces	NumberWood	0.10	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Summer

tblProjectCharacteristics	CO2IntensityFactor	1227.89	731.51
tblSolidWaste	SolidWasteGenerationRate	2,529.58	1,906.15
tblSolidWaste	SolidWasteGenerationRate	0.00	8.67
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	60.00	90.00
tblVehicleTrips	ST_TR	7.16	7.06
tblVehicleTrips	ST_TR	8.96	7.70
tblVehicleTrips	SU_TR	6.07	5.99
tblVehicleTrips	SU_TR	1.55	1.33
tblVehicleTrips	WD_TR	6.59	6.50
tblVehicleTrips	WD_TR	36.13	31.06
tblWater	IndoorWaterUseRate	130,308.05	1,100,110.00
tblWater	IndoorWaterUseRate	29,390,051.51	987,150.00
tblWater	OutdoorWaterUseRate	82,150.73	0.00
tblWater	OutdoorWaterUseRate	5,598,105.05	0.00
tblWoodstoves	NumberCatalytic	0.10	0.00
tblWoodstoves	NumberNoncatalytic	0.10	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

Kaiser LAMC - Existing Phase 1 - 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	4.7093	2.1800e-003	0.1957	1.0000e-005		1.0200e-003	1.0200e-003		1.0200e-003	1.0200e-003	0.0000	0.3631	0.3631	4.6000e-004	0.0000	0.3745
Energy	0.3224	2.9302	2.4584	0.0176		0.2227	0.2227		0.2227	0.2227		3,516.7439	3,516.7439	0.0674	0.0645	3,537.6422
Mobile	19.0731	82.3939	264.4362	0.6862	49.2354	0.9006	50.1360	13.1823	0.8492	14.0316		69,479.3899	69,479.3899	4.4466		69,590.5537
Total	24.1047	85.3263	267.0902	0.7038	49.2354	1.1244	50.3598	13.1823	1.0730	14.2553	0.0000	72,996.4969	72,996.4969	4.5144	0.0645	73,128.5704

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	4.7093	2.1800e-003	0.1957	1.0000e-005		1.0200e-003	1.0200e-003		1.0200e-003	1.0200e-003	0.0000	0.3631	0.3631	4.6000e-004	0.0000	0.3745
Energy	0.3224	2.9302	2.4584	0.0176		0.2227	0.2227		0.2227	0.2227		3,516.7439	3,516.7439	0.0674	0.0645	3,537.6422
Mobile	19.0731	82.3939	264.4362	0.6862	49.2354	0.9006	50.1360	13.1823	0.8492	14.0316		69,479.3899	69,479.3899	4.4466		69,590.5537
Total	24.1047	85.3263	267.0902	0.7038	49.2354	1.1244	50.3598	13.1823	1.0730	14.2553	0.0000	72,996.4969	72,996.4969	4.5144	0.0645	73,128.5704

Kaiser LAMC - Existing Phase 1 - 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	1/1/2014	1/28/2014	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 1.07

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Summer

3.1 Mitigation Measures Construction

3.2 Demolition - 2014

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Summer

3.2 Demolition - 2014

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.0 Operational Detail - Mobile

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Summer

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	19.0731	82.3939	264.4362	0.6862	49.2354	0.9006	50.1360	13.1823	0.8492	14.0316		69,479.3899	69,479.3899	4.4466		69,590.5537
Unmitigated	19.0731	82.3939	264.4362	0.6862	49.2354	0.9006	50.1360	13.1823	0.8492	14.0316		69,479.3899	69,479.3899	4.4466		69,590.5537

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	13.00	14.12	11.98	50,093	50,093
Medical Office Building	6,678.71	1,655.70	285.98	17,451,888	17,451,888
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unenclosed Parking Structure	0.00	0.00	0.00		
Total	6,691.71	1,669.82	297.96	17,501,981	17,501,981

4.3 Trip Type Information

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Summer

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 Low Rise	14.70	5.90	8.70	40.20	19.20	40.60	100	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unenclosed Parking Structure	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 Low Rise	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968
Medical Office Building	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968
Parking Lot	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968
Unenclosed Parking Structure	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Kaiser LAMC - Existing Phase 1 - 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					
NaturalGas Mitigated	0.3224	2.9302	2.4584	0.0176		0.2227	0.2227		0.2227	0.2227		3,516.7439	3,516.7439	0.0674	0.0645	3,537.6422
NaturalGas Unmitigated	0.3224	2.9302	2.4584	0.0176		0.2227	0.2227		0.2227	0.2227		3,516.7439	3,516.7439	0.0674	0.0645	3,537.6422

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 Low Rise	77.3483	8.3000e-004	7.1300e-003	3.0300e-003	5.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004		9.0998	9.0998	1.7000e-004	1.7000e-004	9.1539
Medical Office Building	29815	0.3215	2.9230	2.4554	0.0175		0.2222	0.2222		0.2222	0.2222		3,507.6441	3,507.6441	0.0672	0.0643	3,528.4883
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.3224	2.9302	2.4584	0.0176		0.2227	0.2227		0.2227	0.2227		3,516.7439	3,516.7439	0.0674	0.0645	3,537.6422

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Summer

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	0.0773483	8.3000e-004	7.1300e-003	3.0300e-003	5.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004		9.0998	9.0998	1.7000e-004	1.7000e-004	9.1539
Medical Office Building	29.815	0.3215	2.9230	2.4554	0.0175		0.2222	0.2222		0.2222	0.2222		3,507.6441	3,507.6441	0.0672	0.0643	3,528.4883
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.3224	2.9302	2.4584	0.0176		0.2227	0.2227		0.2227	0.2227		3,516.7439	3,516.7439	0.0674	0.0645	3,537.6422

6.0 Area Detail

6.1 Mitigation Measures Area

Kaiser LAMC - Existing Phase 1 - 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	4.7093	2.1800e-003	0.1957	1.0000e-005		1.0200e-003	1.0200e-003		1.0200e-003	1.0200e-003	0.0000	0.3631	0.3631	4.6000e-004	0.0000	0.3745
Unmitigated	4.7093	2.1800e-003	0.1957	1.0000e-005		1.0200e-003	1.0200e-003		1.0200e-003	1.0200e-003	0.0000	0.3631	0.3631	4.6000e-004	0.0000	0.3745

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	0.3876					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.3139					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	7.8000e-003	2.1800e-003	0.1957	1.0000e-005		1.0200e-003	1.0200e-003		1.0200e-003	1.0200e-003		0.3631	0.3631	4.6000e-004		0.3745
Total	4.7093	2.1800e-003	0.1957	1.0000e-005		1.0200e-003	1.0200e-003		1.0200e-003	1.0200e-003	0.0000	0.3631	0.3631	4.6000e-004	0.0000	0.3745

Kaiser LAMC - Existing Phase 1 - 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	0.3876					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.3139					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	7.8000e-003	2.1800e-003	0.1957	1.0000e-005		1.0200e-003	1.0200e-003		1.0200e-003	1.0200e-003		0.3631	0.3631	4.6000e-004		0.3745
Total	4.7093	2.1800e-003	0.1957	1.0000e-005		1.0200e-003	1.0200e-003		1.0200e-003	1.0200e-003	0.0000	0.3631	0.3631	4.6000e-004	0.0000	0.3745

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

Kaiser LAMC - Existing Phase 1 - 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

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Winter

Kaiser LAMC - Existing Phase 1
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	215.03	1000sqft	4.94	215,026.00	0
Parking Lot	86.00	Space	0.77	34,400.00	0
Parking Lot	0.30	Acre	0.30	13,068.00	0
Apartments Low Rise	2.00	Dwelling Unit	0.13	2,000.00	6

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2024
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	731.51	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Winter

Project Characteristics - LADWP CO2 Intensity Factor adjusted for year 2024 based on 44% RPS requirement per SB 100

Land Use - Existing land uses to be demolished. Acreages based on CalEEMod defaults

Construction Phase - Modeling operations only

Off-road Equipment - Modeling operations only

Trips and VMT - Modeling operations only

Vehicle Trips - Weekday trip rates and pass-by % based on LLG TIS. Weighted average used for MOB. Adjusted Saturday and Sunday trip rates based on weekday factor

Woodstoves - No woodstoves or fireplaces assumed for existing residences

Area Coating - Adjusted non-residential interior VOC to 50 g/L per Rule 1113

Energy Use - Adjusted energy use factors based on average existing LAMC MOB electricity and natural gas usage per square foot. Other uses based on CalEEMod defaults

Water And Wastewater - Water use data based on LADWP WSA

Solid Waste - Apartment solid waste based on defaults. Other uses based on Solid Waste assumptions of EIR

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblEnergyUse	LightingElect	3.77	5.37
tblEnergyUse	NT24E	4.62	6.58
tblEnergyUse	NT24NG	0.39	1.90
tblEnergyUse	T24E	4.60	6.55
tblEnergyUse	T24NG	10.02	48.71
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	1.70	0.00
tblFireplaces	NumberNoFireplace	0.20	2.00
tblFireplaces	NumberWood	0.10	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Winter

tblProjectCharacteristics	CO2IntensityFactor	1227.89	731.51
tblSolidWaste	SolidWasteGenerationRate	2,529.58	1,906.15
tblSolidWaste	SolidWasteGenerationRate	0.00	8.67
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	60.00	90.00
tblVehicleTrips	ST_TR	7.16	7.06
tblVehicleTrips	ST_TR	8.96	7.70
tblVehicleTrips	SU_TR	6.07	5.99
tblVehicleTrips	SU_TR	1.55	1.33
tblVehicleTrips	WD_TR	6.59	6.50
tblVehicleTrips	WD_TR	36.13	31.06
tblWater	IndoorWaterUseRate	130,308.05	1,100,110.00
tblWater	IndoorWaterUseRate	29,390,051.51	987,150.00
tblWater	OutdoorWaterUseRate	82,150.73	0.00
tblWater	OutdoorWaterUseRate	5,598,105.05	0.00
tblWoodstoves	NumberCatalytic	0.10	0.00
tblWoodstoves	NumberNoncatalytic	0.10	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

Kaiser LAMC - Existing Phase 1 - 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	4.7093	2.1800e-003	0.1957	1.0000e-005		1.0200e-003	1.0200e-003		1.0200e-003	1.0200e-003	0.0000	0.3631	0.3631	4.6000e-004	0.0000	0.3745
Energy	0.3224	2.9302	2.4584	0.0176		0.2227	0.2227		0.2227	0.2227		3,516.7439	3,516.7439	0.0674	0.0645	3,537.6422
Mobile	18.7182	85.2654	252.1398	0.6521	49.2354	0.9065	50.1419	13.1823	0.8549	14.0372		66,071.6120	66,071.6120	4.4082		66,181.8166
Total	23.7498	88.1977	254.7939	0.6697	49.2354	1.1303	50.3657	13.1823	1.0786	14.2610	0.0000	69,588.7189	69,588.7189	4.4760	0.0645	69,719.8332

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	4.7093	2.1800e-003	0.1957	1.0000e-005		1.0200e-003	1.0200e-003		1.0200e-003	1.0200e-003	0.0000	0.3631	0.3631	4.6000e-004	0.0000	0.3745
Energy	0.3224	2.9302	2.4584	0.0176		0.2227	0.2227		0.2227	0.2227		3,516.7439	3,516.7439	0.0674	0.0645	3,537.6422
Mobile	18.7182	85.2654	252.1398	0.6521	49.2354	0.9065	50.1419	13.1823	0.8549	14.0372		66,071.6120	66,071.6120	4.4082		66,181.8166
Total	23.7498	88.1977	254.7939	0.6697	49.2354	1.1303	50.3657	13.1823	1.0786	14.2610	0.0000	69,588.7189	69,588.7189	4.4760	0.0645	69,719.8332

Kaiser LAMC - Existing Phase 1 - 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	1/1/2014	1/28/2014	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 1.07

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Winter

3.1 Mitigation Measures Construction

3.2 Demolition - 2014

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Winter

3.2 Demolition - 2014

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.0 Operational Detail - Mobile

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Winter

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	18.7182	85.2654	252.1398	0.6521	49.2354	0.9065	50.1419	13.1823	0.8549	14.0372		66,071.61 20	66,071.61 20	4.4082		66,181.81 66
Unmitigated	18.7182	85.2654	252.1398	0.6521	49.2354	0.9065	50.1419	13.1823	0.8549	14.0372		66,071.61 20	66,071.61 20	4.4082		66,181.81 66

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	13.00	14.12	11.98	50,093	50,093
Medical Office Building	6,678.71	1,655.70	285.98	17,451,888	17,451,888
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unenclosed Parking Structure	0.00	0.00	0.00		
Total	6,691.71	1,669.82	297.96	17,501,981	17,501,981

4.3 Trip Type Information

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Winter

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 Low Rise	14.70	5.90	8.70	40.20	19.20	40.60	100	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unenclosed Parking Structure	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 Low Rise	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968
Medical Office Building	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968
Parking Lot	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968
Unenclosed Parking Structure	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Kaiser LAMC - Existing Phase 1 - 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					
NaturalGas Mitigated	0.3224	2.9302	2.4584	0.0176		0.2227	0.2227		0.2227	0.2227		3,516.7439	3,516.7439	0.0674	0.0645	3,537.6422
NaturalGas Unmitigated	0.3224	2.9302	2.4584	0.0176		0.2227	0.2227		0.2227	0.2227		3,516.7439	3,516.7439	0.0674	0.0645	3,537.6422

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 Low Rise	77.3483	8.3000e-004	7.1300e-003	3.0300e-003	5.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004		9.0998	9.0998	1.7000e-004	1.7000e-004	9.1539
Medical Office Building	29815	0.3215	2.9230	2.4554	0.0175		0.2222	0.2222		0.2222	0.2222		3,507.6441	3,507.6441	0.0672	0.0643	3,528.4883
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.3224	2.9302	2.4584	0.0176		0.2227	0.2227		0.2227	0.2227		3,516.7439	3,516.7439	0.0674	0.0645	3,537.6422

Kaiser LAMC - Existing Phase 1 - Los Angeles-South Coast County, Winter

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	0.0773483	8.3000e-004	7.1300e-003	3.0300e-003	5.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004		9.0998	9.0998	1.7000e-004	1.7000e-004	9.1539
Medical Office Building	29.815	0.3215	2.9230	2.4554	0.0175		0.2222	0.2222		0.2222	0.2222		3,507.6441	3,507.6441	0.0672	0.0643	3,528.4883
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.3224	2.9302	2.4584	0.0176		0.2227	0.2227		0.2227	0.2227		3,516.7439	3,516.7439	0.0674	0.0645	3,537.6422

6.0 Area Detail

6.1 Mitigation Measures Area

Kaiser LAMC - Existing Phase 1 - 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	4.7093	2.1800e-003	0.1957	1.0000e-005		1.0200e-003	1.0200e-003		1.0200e-003	1.0200e-003	0.0000	0.3631	0.3631	4.6000e-004	0.0000	0.3745
Unmitigated	4.7093	2.1800e-003	0.1957	1.0000e-005		1.0200e-003	1.0200e-003		1.0200e-003	1.0200e-003	0.0000	0.3631	0.3631	4.6000e-004	0.0000	0.3745

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	0.3876					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.3139					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	7.8000e-003	2.1800e-003	0.1957	1.0000e-005		1.0200e-003	1.0200e-003		1.0200e-003	1.0200e-003		0.3631	0.3631	4.6000e-004		0.3745
Total	4.7093	2.1800e-003	0.1957	1.0000e-005		1.0200e-003	1.0200e-003		1.0200e-003	1.0200e-003	0.0000	0.3631	0.3631	4.6000e-004	0.0000	0.3745

Kaiser LAMC - Existing Phase 1 - 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	0.3876					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.3139					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	7.8000e-003	2.1800e-003	0.1957	1.0000e-005		1.0200e-003	1.0200e-003		1.0200e-003	1.0200e-003		0.3631	0.3631	4.6000e-004		0.3745
Total	4.7093	2.1800e-003	0.1957	1.0000e-005		1.0200e-003	1.0200e-003		1.0200e-003	1.0200e-003	0.0000	0.3631	0.3631	4.6000e-004	0.0000	0.3745

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

Kaiser LAMC - Existing Phase 1 - 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

Kaiser LAMC - Existing Phase 2 - Los Angeles-South Coast County, Annual

Kaiser LAMC - Existing Phase 2
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	19.20	1000sqft	0.44	19,199.00	0
Unenclosed Parking Structure	114.74	1000sqft	2.63	114,740.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2028
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	914.39	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Kaiser LAMC - Existing Phase 2 - Los Angeles-South Coast County, Annual

Project Characteristics - LADWP CO2 Intensity Factor adjusted for year 2028 based on 52% RPS by 2027 requirement per SB 100

Land Use - Existing land uses to be demolished. Acreages based on CalEEMod defaults

Construction Phase - Modeling operations only

Off-road Equipment - Modeling operations only

Trips and VMT - Modeling operations only

Vehicle Trips - Weekday trip rates and pass-by % based on LLG TIS. Weighted average used for MOB. Adjusted Saturday and Sunday trip rates based on weekday factor

Woodstoves - No woodstoves or fireplaces assumed for existing residences

Area Coating - Adjusted non-residential interior VOC to 50 g/L per Rule 1113

Energy Use - Adjusted energy use factors based on average existing LAMC MOB electricity and natural gas usage per square foot. Other uses based on CalEEMod defaults

Water And Wastewater - Water use data based on LADWP WSA

Solid Waste - Apartment solid waste based on defaults. Other uses based on Solid Waste assumptions of EIR

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblEnergyUse	LightingElect	3.77	5.37
tblEnergyUse	NT24E	4.62	6.58
tblEnergyUse	NT24NG	0.39	1.90
tblEnergyUse	T24E	4.60	6.55
tblEnergyUse	T24NG	10.02	48.71
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	1.70	0.00
tblFireplaces	NumberNoFireplace	0.20	2.00
tblFireplaces	NumberWood	0.10	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00

Kaiser LAMC - Existing Phase 2 - Los Angeles-South Coast County, Annual

tblProjectCharacteristics	CO2IntensityFactor	1227.89	914.39
tblSolidWaste	SolidWasteGenerationRate	2,529.58	170.19
tblSolidWaste	SolidWasteGenerationRate	0.00	12.13
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	60.00	90.00
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	8.96	7.70
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	1.55	1.33
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	36.13	31.06
tblWater	IndoorWaterUseRate	130,308.05	0.00
tblWater	IndoorWaterUseRate	29,390,051.51	88,140.00
tblWater	OutdoorWaterUseRate	82,150.73	0.00
tblWater	OutdoorWaterUseRate	5,598,105.05	0.00
tblWoodstoves	NumberCatalytic	0.10	0.00
tblWoodstoves	NumberNoncatalytic	0.10	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

Kaiser LAMC - Existing Phase 2 - Los Angeles-South Coast County, Annual

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

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	0.1477	2.0000e-005	1.7000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.3200e-003	3.3200e-003	1.0000e-005	0.0000	3.5400e-003
Energy	5.2400e-003	0.0476	0.0400	2.9000e-004		3.6200e-003	3.6200e-003		3.6200e-003	3.6200e-003	0.0000	282.4486	282.4486	8.3100e-003	2.4600e-003	283.3904
Mobile	0.2237	1.0651	3.1330	8.1000e-003	0.5917	0.0111	0.6027	0.1587	0.0104	0.1691	0.0000	744.6544	744.6544	0.0489	0.0000	745.8779
Waste						0.0000	0.0000		0.0000	0.0000	37.1961	0.0000	37.1961	2.1982	0.0000	92.1517
Water						0.0000	0.0000		0.0000	0.0000	0.0280	0.4760	0.5040	2.8900e-003	7.0000e-005	0.5973
Total	0.3766	1.1128	3.1747	8.3900e-003	0.5917	0.0147	0.6063	0.1587	0.0141	0.1727	37.2240	1,027.5823	1,064.8063	2.2584	2.5300e-003	1,122.0208

Kaiser LAMC - Existing Phase 2 - Los Angeles-South Coast County, Annual

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	0.1477	2.0000e-005	1.7000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.3200e-003	3.3200e-003	1.0000e-005	0.0000	3.5400e-003
Energy	5.2400e-003	0.0476	0.0400	2.9000e-004		3.6200e-003	3.6200e-003		3.6200e-003	3.6200e-003	0.0000	282.4486	282.4486	8.3100e-003	2.4600e-003	283.3904
Mobile	0.2237	1.0651	3.1330	8.1000e-003	0.5917	0.0111	0.6027	0.1587	0.0104	0.1691	0.0000	744.6544	744.6544	0.0489	0.0000	745.8779
Waste						0.0000	0.0000		0.0000	0.0000	37.1961	0.0000	37.1961	2.1982	0.0000	92.1517
Water						0.0000	0.0000		0.0000	0.0000	0.0280	0.4760	0.5040	2.8900e-003	7.0000e-005	0.5973
Total	0.3766	1.1128	3.1747	8.3900e-003	0.5917	0.0147	0.6063	0.1587	0.0141	0.1727	37.2240	1,027.5823	1,064.8063	2.2584	2.5300e-003	1,122.0208

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2014	1/28/2014	5	20	

Acres of Grading (Site Preparation Phase): 0

Kaiser LAMC - Existing Phase 2 - Los Angeles-South Coast County, Annual

Acres of Grading (Grading Phase): 0

Acres of Paving: 2.63

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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3.2 Demolition - 2014

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

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4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2237	1.0651	3.1330	8.1000e-003	0.5917	0.0111	0.6027	0.1587	0.0104	0.1691	0.0000	744.6544	744.6544	0.0489	0.0000	745.8779
Unmitigated	0.2237	1.0651	3.1330	8.1000e-003	0.5917	0.0111	0.6027	0.1587	0.0104	0.1691	0.0000	744.6544	744.6544	0.0489	0.0000	745.8779

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
Medical Office Building	596.32	147.83	25.53	1,558,225	1,558,225
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unenclosed Parking Structure	0.00	0.00	0.00		
Total	596.32	147.83	25.53	1,558,225	1,558,225

4.3 Trip Type Information

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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 Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	100	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unenclosed Parking Structure	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 Low Rise	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968
Medical Office Building	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968
Parking Lot	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968
Unenclosed Parking Structure	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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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					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	230.5970	230.5970	7.3100e-003	1.5100e-003	231.2307
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	230.5970	230.5970	7.3100e-003	1.5100e-003	231.2307
NaturalGas Mitigated	5.2400e-003	0.0476	0.0400	2.9000e-004		3.6200e-003	3.6200e-003		3.6200e-003	3.6200e-003	0.0000	51.8516	51.8516	9.9000e-004	9.5000e-004	52.1597
NaturalGas Unmitigated	5.2400e-003	0.0476	0.0400	2.9000e-004		3.6200e-003	3.6200e-003		3.6200e-003	3.6200e-003	0.0000	51.8516	51.8516	9.9000e-004	9.5000e-004	52.1597

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					
Medical Office Building	971661	5.2400e-003	0.0476	0.0400	2.9000e-004		3.6200e-003	3.6200e-003		3.6200e-003	3.6200e-003	0.0000	51.8516	51.8516	9.9000e-004	9.5000e-004	52.1597
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		5.2400e-003	0.0476	0.0400	2.9000e-004		3.6200e-003	3.6200e-003		3.6200e-003	3.6200e-003	0.0000	51.8516	51.8516	9.9000e-004	9.5000e-004	52.1597

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5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Medical Office Building	971661	5.2400e-003	0.0476	0.0400	2.9000e-004		3.6200e-003	3.6200e-003		3.6200e-003	3.6200e-003	0.0000	51.8516	51.8516	9.9000e-004	9.5000e-004	52.1597
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		5.2400e-003	0.0476	0.0400	2.9000e-004		3.6200e-003	3.6200e-003		3.6200e-003	3.6200e-003	0.0000	51.8516	51.8516	9.9000e-004	9.5000e-004	52.1597

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Medical Office Building	355182	147.3152	4.6700e-003	9.7000e-004	147.7201
Unenclosed Parking Structure	200795	83.2818	2.6400e-003	5.5000e-004	83.5107
Total		230.5970	7.3100e-003	1.5200e-003	231.2307

Kaiser LAMC - Existing Phase 2 - Los Angeles-South Coast County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Medical Office Building	355182	147.3152	4.6700e-003	9.7000e-004	147.7201
Unenclosed Parking Structure	200795	83.2818	2.6400e-003	5.5000e-004	83.5107
Total		230.5970	7.3100e-003	1.5200e-003	231.2307

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1477	2.0000e-005	1.7000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.3200e-003	3.3200e-003	1.0000e-005	0.0000	3.5400e-003
Unmitigated	0.1477	2.0000e-005	1.7000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.3200e-003	3.3200e-003	1.0000e-005	0.0000	3.5400e-003

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6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0707					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0768					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.6000e-004	2.0000e-005	1.7000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.3200e-003	3.3200e-003	1.0000e-005	0.0000	3.5400e-003
Total	0.1477	2.0000e-005	1.7000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.3200e-003	3.3200e-003	1.0000e-005	0.0000	3.5400e-003

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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	0.0707					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0768					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.6000e-004	2.0000e-005	1.7000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.3200e-003	3.3200e-003	1.0000e-005	0.0000	3.5400e-003
Total	0.1477	2.0000e-005	1.7000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.3200e-003	3.3200e-003	1.0000e-005	0.0000	3.5400e-003

7.0 Water Detail

7.1 Mitigation Measures Water

Kaiser LAMC - Existing Phase 2 - Los Angeles-South Coast County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.5040	2.8900e-003	7.0000e-005	0.5973
Unmitigated	0.5040	2.8900e-003	7.0000e-005	0.5973

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	0 / 0	0.0000	0.0000	0.0000	0.0000
Medical Office Building	0.08814 / 0	0.5040	2.8900e-003	7.0000e-005	0.5973
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.5040	2.8900e-003	7.0000e-005	0.5973

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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 Low Rise	0 / 0	0.0000	0.0000	0.0000	0.0000
Medical Office Building	0.08814 / 0	0.5040	2.8900e-003	7.0000e-005	0.5973
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.5040	2.8900e-003	7.0000e-005	0.5973

8.0 Waste Detail

8.1 Mitigation Measures Waste

Kaiser LAMC - Existing Phase 2 - Los Angeles-South Coast County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	37.1961	2.1982	0.0000	92.1517
Unmitigated	37.1961	2.1982	0.0000	92.1517

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	0.92	0.1868	0.0110	0.0000	0.4627
Medical Office Building	170.19	34.5470	2.0417	0.0000	85.5888
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking Structure	12.13	2.4623	0.1455	0.0000	6.1002
Total		37.1961	2.1982	0.0000	92.1517

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8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	0.92	0.1868	0.0110	0.0000	0.4627
Medical Office Building	170.19	34.5470	2.0417	0.0000	85.5888
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking Structure	12.13	2.4623	0.1455	0.0000	6.1002
Total		37.1961	2.1982	0.0000	92.1517

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

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Equipment Type	Number
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11.0 Vegetation

Kaiser LAMC - Existing Phase 2 - Los Angeles-South Coast County, Summer

Kaiser LAMC - Existing Phase 2
Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	19.20	1000sqft	0.44	19,199.00	0
Unenclosed Parking Structure	114.74	1000sqft	2.63	114,740.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2028
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	914.39	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Kaiser LAMC - Existing Phase 2 - Los Angeles-South Coast County, Summer

Project Characteristics - LADWP CO2 Intensity Factor adjusted for year 2028 based on 52% RPS by 2027 requirement per SB 100

Land Use - Existing land uses to be demolished. Acreages based on CalEEMod defaults

Construction Phase - Modeling operations only

Off-road Equipment - Modeling operations only

Trips and VMT - Modeling operations only

Vehicle Trips - Weekday trip rates and pass-by % based on LLG TIS. Weighted average used for MOB. Adjusted Saturday and Sunday trip rates based on weekday factor

Woodstoves - No woodstoves or fireplaces assumed for existing residences

Area Coating - Adjusted non-residential interior VOC to 50 g/L per Rule 1113

Energy Use - Adjusted energy use factors based on average existing LAMC MOB electricity and natural gas usage per square foot. Other uses based on CalEEMod defaults

Water And Wastewater - Water use data based on LADWP WSA

Solid Waste - Apartment solid waste based on defaults. Other uses based on Solid Waste assumptions of EIR

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblEnergyUse	LightingElect	3.77	5.37
tblEnergyUse	NT24E	4.62	6.58
tblEnergyUse	NT24NG	0.39	1.90
tblEnergyUse	T24E	4.60	6.55
tblEnergyUse	T24NG	10.02	48.71
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	1.70	0.00
tblFireplaces	NumberNoFireplace	0.20	2.00
tblFireplaces	NumberWood	0.10	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00

Kaiser LAMC - Existing Phase 2 - Los Angeles-South Coast County, Summer

tblProjectCharacteristics	CO2IntensityFactor	1227.89	914.39
tblSolidWaste	SolidWasteGenerationRate	2,529.58	170.19
tblSolidWaste	SolidWasteGenerationRate	0.00	12.13
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	60.00	90.00
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	8.96	7.70
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	1.55	1.33
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	36.13	31.06
tblWater	IndoorWaterUseRate	130,308.05	0.00
tblWater	IndoorWaterUseRate	29,390,051.51	88,140.00
tblWater	OutdoorWaterUseRate	82,150.73	0.00
tblWater	OutdoorWaterUseRate	5,598,105.05	0.00
tblWoodstoves	NumberCatalytic	0.10	0.00
tblWoodstoves	NumberNoncatalytic	0.10	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

Kaiser LAMC - Existing Phase 2 - 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	0.8096	1.2000e-004	0.0136	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0293	0.0293	8.0000e-005	0.0000	0.0312
Energy	0.0287	0.2610	0.2192	1.5700e-003		0.0198	0.0198		0.0198	0.0198		313.1866	313.1866	6.0000e-003	5.7400e-003	315.0477
Mobile	1.6992	7.3400	23.5561	0.0611	4.3858	0.0802	4.4660	1.1743	0.0757	1.2499		6,189.0972	6,189.0972	0.3961		6,198.9997
Total	2.5375	7.6011	23.7889	0.0627	4.3858	0.1001	4.4859	1.1743	0.0955	1.2698	0.0000	6,502.3131	6,502.3131	0.4022	5.7400e-003	6,514.0786

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.8096	1.2000e-004	0.0136	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0293	0.0293	8.0000e-005	0.0000	0.0312
Energy	0.0287	0.2610	0.2192	1.5700e-003		0.0198	0.0198		0.0198	0.0198		313.1866	313.1866	6.0000e-003	5.7400e-003	315.0477
Mobile	1.6992	7.3400	23.5561	0.0611	4.3858	0.0802	4.4660	1.1743	0.0757	1.2499		6,189.0972	6,189.0972	0.3961		6,198.9997
Total	2.5375	7.6011	23.7889	0.0627	4.3858	0.1001	4.4859	1.1743	0.0955	1.2698	0.0000	6,502.3131	6,502.3131	0.4022	5.7400e-003	6,514.0786

Kaiser LAMC - Existing Phase 2 - 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	1/1/2014	1/28/2014	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 2.63

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Kaiser LAMC - Existing Phase 2 - Los Angeles-South Coast County, Summer

3.1 Mitigation Measures Construction

3.2 Demolition - 2014

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Kaiser LAMC - Existing Phase 2 - Los Angeles-South Coast County, Summer

3.2 Demolition - 2014

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.0 Operational Detail - Mobile

Kaiser LAMC - Existing Phase 2 - Los Angeles-South Coast County, Summer

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.6992	7.3400	23.5561	0.0611	4.3858	0.0802	4.4660	1.1743	0.0757	1.2499		6,189.0972	6,189.0972	0.3961		6,198.9997
Unmitigated	1.6992	7.3400	23.5561	0.0611	4.3858	0.0802	4.4660	1.1743	0.0757	1.2499		6,189.0972	6,189.0972	0.3961		6,198.9997

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
Medical Office Building	596.32	147.83	25.53	1,558,225	1,558,225
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unenclosed Parking Structure	0.00	0.00	0.00		
Total	596.32	147.83	25.53	1,558,225	1,558,225

4.3 Trip Type Information

Kaiser LAMC - Existing Phase 2 - Los Angeles-South Coast County, Summer

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 Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	100	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unenclosed Parking Structure	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 Low Rise	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968
Medical Office Building	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968
Parking Lot	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968
Unenclosed Parking Structure	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Kaiser LAMC - Existing Phase 2 - 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					
NaturalGas Mitigated	0.0287	0.2610	0.2192	1.5700e-003		0.0198	0.0198		0.0198	0.0198		313.1866	313.1866	6.0000e-003	5.7400e-003	315.0477
NaturalGas Unmitigated	0.0287	0.2610	0.2192	1.5700e-003		0.0198	0.0198		0.0198	0.0198		313.1866	313.1866	6.0000e-003	5.7400e-003	315.0477

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					
Medical Office Building	2662.09	0.0287	0.2610	0.2192	1.5700e-003		0.0198	0.0198		0.0198	0.0198		313.1866	313.1866	6.0000e-003	5.7400e-003	315.0477
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0287	0.2610	0.2192	1.5700e-003		0.0198	0.0198		0.0198	0.0198		313.1866	313.1866	6.0000e-003	5.7400e-003	315.0477

Kaiser LAMC - Existing Phase 2 - Los Angeles-South Coast County, Summer

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Medical Office Building	2.66209	0.0287	0.2610	0.2192	1.5700e-003		0.0198	0.0198		0.0198	0.0198		313.1866	313.1866	6.0000e-003	5.7400e-003	315.0477
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0287	0.2610	0.2192	1.5700e-003		0.0198	0.0198		0.0198	0.0198		313.1866	313.1866	6.0000e-003	5.7400e-003	315.0477

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.8096	1.2000e-004	0.0136	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0293	0.0293	8.0000e-005	0.0000	0.0312
Unmitigated	0.8096	1.2000e-004	0.0136	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0293	0.0293	8.0000e-005	0.0000	0.0312

Kaiser LAMC - Existing Phase 2 - Los Angeles-South Coast County, Summer

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	0.3876					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4208					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.2600e-003	1.2000e-004	0.0136	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0293	0.0293	8.0000e-005		0.0312
Total	0.8096	1.2000e-004	0.0136	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0293	0.0293	8.0000e-005	0.0000	0.0312

Kaiser LAMC - Existing Phase 2 - 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	0.3876					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4208					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.2600e-003	1.2000e-004	0.0136	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0293	0.0293	8.0000e-005		0.0312
Total	0.8096	1.2000e-004	0.0136	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0293	0.0293	8.0000e-005	0.0000	0.0312

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

Kaiser LAMC - Existing Phase 2 - 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

Kaiser LAMC - Existing Phase 2 - Los Angeles-South Coast County, Winter

Kaiser LAMC - Existing Phase 2
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	19.20	1000sqft	0.44	19,199.00	0
Unenclosed Parking Structure	114.74	1000sqft	2.63	114,740.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2028
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	914.39	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Kaiser LAMC - Existing Phase 2 - Los Angeles-South Coast County, Winter

Project Characteristics - LADWP CO2 Intensity Factor adjusted for year 2028 based on 52% RPS by 2027 requirement per SB 100

Land Use - Existing land uses to be demolished. Acreages based on CalEEMod defaults

Construction Phase - Modeling operations only

Off-road Equipment - Modeling operations only

Trips and VMT - Modeling operations only

Vehicle Trips - Weekday trip rates and pass-by % based on LLG TIS. Weighted average used for MOB. Adjusted Saturday and Sunday trip rates based on weekday factor

Woodstoves - No woodstoves or fireplaces assumed for existing residences

Area Coating - Adjusted non-residential interior VOC to 50 g/L per Rule 1113

Energy Use - Adjusted energy use factors based on average existing LAMC MOB electricity and natural gas usage per square foot. Other uses based on CalEEMod defaults

Water And Wastewater - Water use data based on LADWP WSA

Solid Waste - Apartment solid waste based on defaults. Other uses based on Solid Waste assumptions of EIR

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblEnergyUse	LightingElect	3.77	5.37
tblEnergyUse	NT24E	4.62	6.58
tblEnergyUse	NT24NG	0.39	1.90
tblEnergyUse	T24E	4.60	6.55
tblEnergyUse	T24NG	10.02	48.71
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	1.70	0.00
tblFireplaces	NumberNoFireplace	0.20	2.00
tblFireplaces	NumberWood	0.10	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00

Kaiser LAMC - Existing Phase 2 - Los Angeles-South Coast County, Winter

tblProjectCharacteristics	CO2IntensityFactor	1227.89	914.39
tblSolidWaste	SolidWasteGenerationRate	2,529.58	170.19
tblSolidWaste	SolidWasteGenerationRate	0.00	12.13
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	60.00	90.00
tblVehicleTrips	ST_TR	7.16	0.00
tblVehicleTrips	ST_TR	8.96	7.70
tblVehicleTrips	SU_TR	6.07	0.00
tblVehicleTrips	SU_TR	1.55	1.33
tblVehicleTrips	WD_TR	6.59	0.00
tblVehicleTrips	WD_TR	36.13	31.06
tblWater	IndoorWaterUseRate	130,308.05	0.00
tblWater	IndoorWaterUseRate	29,390,051.51	88,140.00
tblWater	OutdoorWaterUseRate	82,150.73	0.00
tblWater	OutdoorWaterUseRate	5,598,105.05	0.00
tblWoodstoves	NumberCatalytic	0.10	0.00
tblWoodstoves	NumberNoncatalytic	0.10	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

Kaiser LAMC - Existing Phase 2 - 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	0.8096	1.2000e-004	0.0136	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0293	0.0293	8.0000e-005	0.0000	0.0312
Energy	0.0287	0.2610	0.2192	1.5700e-003		0.0198	0.0198		0.0198	0.0198		313.1866	313.1866	6.0000e-003	5.7400e-003	315.0477
Mobile	1.6676	7.5957	22.4609	0.0581	4.3858	0.0808	4.4665	1.1743	0.0762	1.2504		5,885.536 2	5,885.536 2	0.3927		5,895.353 3
Total	2.5059	7.8569	22.6938	0.0597	4.3858	0.1006	4.4864	1.1743	0.0960	1.2703	0.0000	6,198.752 1	6,198.752 1	0.3988	5.7400e-003	6,210.432 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	0.8096	1.2000e-004	0.0136	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0293	0.0293	8.0000e-005	0.0000	0.0312
Energy	0.0287	0.2610	0.2192	1.5700e-003		0.0198	0.0198		0.0198	0.0198		313.1866	313.1866	6.0000e-003	5.7400e-003	315.0477
Mobile	1.6676	7.5957	22.4609	0.0581	4.3858	0.0808	4.4665	1.1743	0.0762	1.2504		5,885.536 2	5,885.536 2	0.3927		5,895.353 3
Total	2.5059	7.8569	22.6938	0.0597	4.3858	0.1006	4.4864	1.1743	0.0960	1.2703	0.0000	6,198.752 1	6,198.752 1	0.3988	5.7400e-003	6,210.432 2

Kaiser LAMC - Existing Phase 2 - 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	1/1/2014	1/28/2014	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 2.63

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Kaiser LAMC - Existing Phase 2 - Los Angeles-South Coast County, Winter

3.1 Mitigation Measures Construction

3.2 Demolition - 2014

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Kaiser LAMC - Existing Phase 2 - Los Angeles-South Coast County, Winter

3.2 Demolition - 2014

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.0 Operational Detail - Mobile

Kaiser LAMC - Existing Phase 2 - Los Angeles-South Coast County, Winter

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.6676	7.5957	22.4609	0.0581	4.3858	0.0808	4.4665	1.1743	0.0762	1.2504		5,885.536 2	5,885.536 2	0.3927		5,895.353 3
Unmitigated	1.6676	7.5957	22.4609	0.0581	4.3858	0.0808	4.4665	1.1743	0.0762	1.2504		5,885.536 2	5,885.536 2	0.3927		5,895.353 3

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
Medical Office Building	596.32	147.83	25.53	1,558,225	1,558,225
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unenclosed Parking Structure	0.00	0.00	0.00		
Total	596.32	147.83	25.53	1,558,225	1,558,225

4.3 Trip Type Information

Kaiser LAMC - Existing Phase 2 - Los Angeles-South Coast County, Winter

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 Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	100	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unenclosed Parking Structure	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 Low Rise	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968
Medical Office Building	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968
Parking Lot	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968
Unenclosed Parking Structure	0.547512	0.046663	0.198227	0.127154	0.018333	0.005870	0.017956	0.026928	0.002295	0.002753	0.004678	0.000662	0.000968

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Kaiser LAMC - Existing Phase 2 - 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					
NaturalGas Mitigated	0.0287	0.2610	0.2192	1.5700e-003		0.0198	0.0198		0.0198	0.0198		313.1866	313.1866	6.0000e-003	5.7400e-003	315.0477
NaturalGas Unmitigated	0.0287	0.2610	0.2192	1.5700e-003		0.0198	0.0198		0.0198	0.0198		313.1866	313.1866	6.0000e-003	5.7400e-003	315.0477

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					
Medical Office Building	2662.09	0.0287	0.2610	0.2192	1.5700e-003		0.0198	0.0198		0.0198	0.0198		313.1866	313.1866	6.0000e-003	5.7400e-003	315.0477
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0287	0.2610	0.2192	1.5700e-003		0.0198	0.0198		0.0198	0.0198		313.1866	313.1866	6.0000e-003	5.7400e-003	315.0477

Kaiser LAMC - Existing Phase 2 - Los Angeles-South Coast County, Winter

5.2 Energy by Land Use - Natural Gas

Mitigated

	Natural Gas 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					
Medical Office Building	2.66209	0.0287	0.2610	0.2192	1.5700e-003		0.0198	0.0198		0.0198	0.0198		313.1866	313.1866	6.0000e-003	5.7400e-003	315.0477
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0287	0.2610	0.2192	1.5700e-003		0.0198	0.0198		0.0198	0.0198		313.1866	313.1866	6.0000e-003	5.7400e-003	315.0477

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.8096	1.2000e-004	0.0136	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0293	0.0293	8.0000e-005	0.0000	0.0312
Unmitigated	0.8096	1.2000e-004	0.0136	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0293	0.0293	8.0000e-005	0.0000	0.0312

Kaiser LAMC - Existing Phase 2 - Los Angeles-South Coast County, Winter

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	0.3876					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4208					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.2600e-003	1.2000e-004	0.0136	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0293	0.0293	8.0000e-005		0.0312
Total	0.8096	1.2000e-004	0.0136	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0293	0.0293	8.0000e-005	0.0000	0.0312

Kaiser LAMC - Existing Phase 2 - 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	0.3876					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.4208					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.2600e-003	1.2000e-004	0.0136	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0293	0.0293	8.0000e-005		0.0312
Total	0.8096	1.2000e-004	0.0136	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0293	0.0293	8.0000e-005	0.0000	0.0312

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

Kaiser LAMC - Existing Phase 2 - 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

Kaiser LAMC - Phase 1 Development Operations - Los Angeles-South Coast County, Annual

**Kaiser LAMC - Phase 1 Development Operations
Los Angeles-South Coast County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	19.20	1000sqft	0.44	19,199.00	0
Medical Office Building	130.00	1000sqft	2.98	130,000.00	0
Medical Office Building	50.00	1000sqft	1.15	50,000.00	0
Enclosed Parking with Elevator	302.80	1000sqft	6.95	302,800.00	0
Parking Lot	0.30	Acre	0.30	13,068.00	0
Parking Lot	6.00	Space	0.05	2,400.00	0
Unenclosed Parking Structure	114.74	1000sqft	2.63	114,736.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2024
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	731.51	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP CO2 Intensity Factor adjusted for year 2024 based on 44% RPS requirement per SB 100

Land Use - Existing land uses still to be demoed = 19.199 ksf MOB, 114.736 ksf parking structure, 0.3 acre parking lot. All other uses constructed in Phase 1. Acreages based on CalEEMod defaults

Construction Phase - Modeling operations only

Off-road Equipment - Modeling operations only

Trips and VMT - Modeling operations only

Vehicle Trips - Weekday trip rates and pass-by % based on LLG TIS. Adjusted Saturday and Sunday trip rates based on weekday factor

Woodstoves - N/A

Area Coating - Adjusted non-residential interior VOC to 50 g/L per Rule 1113

Energy Use - Adjusted energy use factors based on weighted average existing and proposed LAMC MOB electricity and natural gas usage per square foot. Proposed usage based on Ted Jacobs building load estimates

Water And Wastewater - Water use data based on LADWP WSA

Solid Waste - Solid waste based on assumptions of EIR

Stationary Sources - Emergency Generators and Fire Pumps -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblEnergyUse	LightingElect	1.75	0.39
tblEnergyUse	LightingElect	3.77	3.37
tblEnergyUse	LightingElect	0.35	0.30
tblEnergyUse	NT24E	0.19	0.04
tblEnergyUse	NT24E	4.62	4.13
tblEnergyUse	NT24NG	0.39	0.62
tblEnergyUse	T24E	3.92	0.87
tblEnergyUse	T24E	4.60	4.11
tblEnergyUse	T24NG	10.02	15.92
tblLandUse	LandUseSquareFeet	19,200.00	19,199.00
tblLandUse	LandUseSquareFeet	114,740.00	114,736.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	731.51
tblSolidWaste	SolidWasteGenerationRate	0.00	52.29
tblSolidWaste	SolidWasteGenerationRate	2,151.36	1,769.63
tblSolidWaste	SolidWasteGenerationRate	0.00	20.80
tblVehicleTrips	DV_TP	30.00	0.00

tblVehicleTrips	PR_TP	60.00	90.00
tblVehicleTrips	ST_TR	8.96	7.62
tblVehicleTrips	SU_TR	1.55	1.32
tblVehicleTrips	WD_TR	36.13	30.71
tblWater	IndoorWaterUseRate	0.00	72,647.29
tblWater	IndoorWaterUseRate	24,995,723.08	21,528,788.75
tblWater	OutdoorWaterUseRate	4,761,090.11	91,709.19

2.0 Emissions Summary

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	0.8123	7.0000e-005	7.9400e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0155	0.0155	4.0000e-005	0.0000	0.0165
Energy	0.0178	0.1615	0.1357	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	1,141.9668	1,141.9668	0.0417	0.0112	1,146.3307
Mobile	1.2541	5.8684	17.4622	0.0692	6.0670	0.0527	6.1196	1.6261	0.0490	1.6751	0.0000	6,404.4353	6,404.4353	0.3037	0.0000	6,412.0287
Waste						0.0000	0.0000		0.0000	0.0000	374.0555	0.0000	374.0555	22.1061	0.0000	926.7067
Water						0.0000	0.0000		0.0000	0.0000	6.8531	93.6663	100.5194	0.7076	0.0174	123.3911
Total	2.0842	6.0300	17.6058	0.0702	6.0670	0.0650	6.1319	1.6261	0.0613	1.6874	380.9087	7,640.0838	8,020.9924	23.1591	0.0285	8,608.4736

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	0.8123	7.0000e-005	7.9400e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0155	0.0155	4.0000e-005	0.0000	0.0165
Energy	0.0178	0.1615	0.1357	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	1,141.9668	1,141.9668	0.0417	0.0112	1,146.3307
Mobile	1.2541	5.8684	17.4622	0.0692	6.0670	0.0527	6.1196	1.6261	0.0490	1.6751	0.0000	6,404.4353	6,404.4353	0.3037	0.0000	6,412.0287
Waste						0.0000	0.0000		0.0000	0.0000	374.0555	0.0000	374.0555	22.1061	0.0000	926.7067
Water						0.0000	0.0000		0.0000	0.0000	6.8531	93.6663	100.5194	0.7076	0.0174	123.3911
Total	2.0842	6.0300	17.6058	0.0702	6.0670	0.0650	6.1319	1.6261	0.0613	1.6874	380.9087	7,640.0838	8,020.9924	23.1591	0.0285	8,608.4736

	ROG	NOx	CO	SO2	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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.2541	5.8684	17.4622	0.0692	6.0670	0.0527	6.1196	1.6261	0.0490	1.6751	0.0000	6,404.435 3	6,404.435 3	0.3037	0.0000	6,412.028 7
Unmitigated	1.2541	5.8684	17.4622	0.0692	6.0670	0.0527	6.1196	1.6261	0.0490	1.6751	0.0000	6,404.435 3	6,404.435 3	0.3037	0.0000	6,412.028 7

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Medical Office Building	589.63	146.30	25.34	1,540,857	1,540,857
Medical Office Building	3,992.30	990.60	171.60	10,432,889	10,432,889
Medical Office Building	1,535.50	381.00	66.00	4,012,650	4,012,650
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unenclosed Parking Structure	0.00	0.00	0.00		
Total	6,117.43	1,517.90	262.94	15,986,396	15,986,396

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
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unenclosed Parking Structure	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
Enclosed Parking with Elevator	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Medical Office Building	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Parking Lot	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Unenclosed Parking Structure	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850

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	966.1463	966.1463	0.0383	7.9200e-003	969.4654
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	966.1463	966.1463	0.0383	7.9200e-003	969.4654
NaturalGas Mitigated	0.0178	0.1615	0.1357	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	175.8205	175.8205	3.3700e-003	3.2200e-003	176.8653
NaturalGas Unmitigated	0.0178	0.1615	0.1357	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	175.8205	175.8205	3.3700e-003	3.2200e-003	176.8653

5.2 Energy by Land Use - NaturalGas Unmitigated

	Natural Gas 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					
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
Medical Office Building	2.1502e+06	0.0116	0.1054	0.0885	6.3000e-004		8.0100e-003	8.0100e-003		8.0100e-003	8.0100e-003	0.0000	114.7429	114.7429	2.2000e-003	2.1000e-003	115.4247
Medical Office Building	317551	1.7100e-003	0.0156	0.0131	9.0000e-005		1.1800e-003	1.1800e-003		1.1800e-003	1.1800e-003	0.0000	16.9458	16.9458	3.2000e-004	3.1000e-004	17.0465
Medical Office Building	827000	4.4600e-003	0.0405	0.0341	2.4000e-004		3.0800e-003	3.0800e-003		3.0800e-003	3.0800e-003	0.0000	44.1319	44.1319	8.5000e-004	8.1000e-004	44.3941
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking Structure	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		0.0178	0.1615	0.1357	9.6000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	175.8205	175.8205	3.3700e-003	3.2200e-003	176.8653

Mitigated

	Natural Gas 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					
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
Medical Office Building	317551	1.7100e-003	0.0156	0.0131	9.0000e-005		1.1800e-003	1.1800e-003		1.1800e-003	1.1800e-003	0.0000	16.9458	16.9458	3.2000e-004	3.1000e-004	17.0465
Medical Office Building	827000	4.4600e-003	0.0405	0.0341	2.4000e-004		3.0800e-003	3.0800e-003		3.0800e-003	3.0800e-003	0.0000	44.1319	44.1319	8.5000e-004	8.1000e-004	44.3941
Medical Office Building	2.1502e+06	0.0116	0.1054	0.0885	6.3000e-004		8.0100e-003	8.0100e-003		8.0100e-003	8.0100e-003	0.0000	114.7429	114.7429	2.2000e-003	2.1000e-003	115.4247
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking Structure	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		0.0178	0.1615	0.1357	9.6000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	175.8205	175.8205	3.3700e-003	3.2200e-003	176.8653

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	393640	130.6127	5.1800e-003	1.0700e-003	131.0614
Medical Office Building	1.5093e+006	500.7968	0.0199	4.1100e-003	502.5173
Medical Office Building	222900	73.9600	2.9300e-003	6.1000e-004	74.2141
Medical Office Building	580500	192.6142	7.6400e-003	1.5800e-003	193.2759
Parking Lot	3920.4	1.3008	5.0000e-005	1.0000e-005	1.3053
Parking Lot	720	0.2389	1.0000e-005	0.0000	0.2397
Unenclosed Parking Structure	200788	66.6229	2.6400e-003	5.5000e-004	66.8518
Total		966.1463	0.0383	7.9300e-003	969.4654

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	393640	130.6127	5.1800e-003	1.0700e-003	131.0614
Medical Office Building	1.5093e+006	500.7968	0.0199	4.1100e-003	502.5173
Medical Office Building	222900	73.9600	2.9300e-003	6.1000e-004	74.2141
Medical Office Building	580500	192.6142	7.6400e-003	1.5800e-003	193.2759
Parking Lot	3920.4	1.3008	5.0000e-005	1.0000e-005	1.3053

Parking Lot	720	0.2389	1.0000e-005	0.0000	0.2397
Unenclosed Parking Structure	200788	66.6229	2.6400e-003	5.5000e-004	66.8518
Total		966.1463	0.0383	7.9300e-003	969.4654

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.8123	7.0000e-005	7.9400e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0155	0.0155	4.0000e-005	0.0000	0.0165
Unmitigated	0.8123	7.0000e-005	7.9400e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0155	0.0155	4.0000e-005	0.0000	0.0165

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0637					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.7478					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	7.3000e-004	7.0000e-005	7.9400e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0155	0.0155	4.0000e-005	0.0000	0.0165

Total	0.8123	7.0000e-005	7.9400e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0155	0.0155	4.0000e-005	0.0000	0.0165
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Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0637					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.7478					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	7.3000e-004	7.0000e-005	7.9400e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0155	0.0155	4.0000e-005	0.0000	0.0165
Total	0.8123	7.0000e-005	7.9400e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0155	0.0155	4.0000e-005	0.0000	0.0165

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	100.5194	0.7076	0.0174	123.3911
Unmitigated	100.5194	0.7076	0.0174	123.3911

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0.0726473 / 0	0.3369	2.3800e-003	6.0000e-005	0.4138
Medical Office Building	21.5288 / 0.0917092	100.1825	0.7052	0.0173	122.9773
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		100.5194	0.7076	0.0174	123.3911

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0.0726473 / 0	0.3369	2.3800e-003	6.0000e-005	0.4138
Medical Office Building	21.5288 / 0.0917092	100.1825	0.7052	0.0173	122.9773
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		100.5194	0.7076	0.0174	123.3911

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	374.0555	22.1061	0.0000	926.7067
Unmitigated	374.0555	22.1061	0.0000	926.7067

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	52.29	10.6144	0.6273	0.0000	26.2967
Medical Office Building	1769.63	359.2189	21.2292	0.0000	889.9496
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking Structure	20.8	4.2222	0.2495	0.0000	10.4604
Total		374.0555	22.1061	0.0000	926.7067

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
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Land Use	tons	MT/yr			
Enclosed Parking with Elevator	52.29	10.6144	0.6273	0.0000	26.2967
Medical Office Building	1769.63	359.2189	21.2292	0.0000	889.9496
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking Structure	20.8	4.2222	0.2495	0.0000	10.4604
Total		374.0555	22.1061	0.0000	926.7067

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Kaiser LAMC - Phase 1 Development Operations - Los Angeles-South Coast County, Summer

Kaiser LAMC - Phase 1 Development Operations
Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	19.20	1000sqft	0.44	19,199.00	0
Medical Office Building	130.00	1000sqft	2.98	130,000.00	0
Medical Office Building	50.00	1000sqft	1.15	50,000.00	0
Enclosed Parking with Elevator	302.80	1000sqft	6.95	302,800.00	0
Parking Lot	0.30	Acre	0.30	13,068.00	0
Parking Lot	6.00	Space	0.05	2,400.00	0
Unenclosed Parking Structure	114.74	1000sqft	2.63	114,736.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2024
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	731.51	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP CO2 Intensity Factor adjusted for year 2024 based on 44% RPS requirement per SB 100

Land Use - Existing land uses still to be demoed = 19.199 ksf MOB, 114.736 ksf parking structure, 0.3 acre parking lot. All other uses constructed in Phase 1. Acreages based on CalEEMod defaults

Construction Phase - Modeling operations only

Off-road Equipment - Modeling operations only

Trips and VMT - Modeling operations only

Vehicle Trips - Weekday trip rates and pass-by % based on LLG TIS. Adjusted Saturday and Sunday trip rates based on weekday factor

Woodstoves - N/A

Area Coating - Adjusted non-residential interior VOC to 50 g/L per Rule 1113

Energy Use - Adjusted energy use factors based on weighted average existing and proposed LAMC MOB electricity and natural gas usage per square foot. Proposed usage based on Ted Jacobs building load estimates

Water And Wastewater - Water use data based on LADWP WSA

Solid Waste - Solid waste based on assumptions of EIR

Stationary Sources - Emergency Generators and Fire Pumps -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblEnergyUse	LightingElect	1.75	0.39
tblEnergyUse	LightingElect	3.77	3.37
tblEnergyUse	LightingElect	0.35	0.30
tblEnergyUse	NT24E	0.19	0.04
tblEnergyUse	NT24E	4.62	4.13
tblEnergyUse	NT24NG	0.39	0.62
tblEnergyUse	T24E	3.92	0.87
tblEnergyUse	T24E	4.60	4.11
tblEnergyUse	T24NG	10.02	15.92
tblLandUse	LandUseSquareFeet	19,200.00	19,199.00
tblLandUse	LandUseSquareFeet	114,740.00	114,736.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	731.51
tblSolidWaste	SolidWasteGenerationRate	0.00	52.29
tblSolidWaste	SolidWasteGenerationRate	2,151.36	1,769.63
tblSolidWaste	SolidWasteGenerationRate	0.00	20.80
tblVehicleTrips	DV_TP	30.00	0.00

tblVehicleTrips	PR_TP	60.00	90.00
tblVehicleTrips	ST_TR	8.96	7.62
tblVehicleTrips	SU_TR	1.55	1.32
tblVehicleTrips	WD_TR	36.13	30.71
tblWater	IndoorWaterUseRate	0.00	72,647.29
tblWater	IndoorWaterUseRate	24,995,723.08	21,528,788.75
tblWater	OutdoorWaterUseRate	4,761,090.11	91,709.19

2.0 Emissions Summary

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	4.4526	5.8000e-004	0.0635	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1364	0.1364	3.6000e-004		0.1453
Energy	0.0974	0.8850	0.7434	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,061.9666	1,061.9666	0.0204	0.0195	1,068.2774
Mobile	9.6251	40.9341	132.2667	0.5214	44.9695	0.3827	45.3522	12.0332	0.3558	12.3890		53,142.1035	53,142.1035	2.4520		53,203.4046
Total	14.1751	41.8196	133.0736	0.5267	44.9695	0.4502	45.4197	12.0332	0.4233	12.4565		54,204.2065	54,204.2065	2.4728	0.0195	54,271.8272

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	4.4526	5.8000e-004	0.0635	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1364	0.1364	3.6000e-004		0.1453
Energy	0.0974	0.8850	0.7434	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,061.9666	1,061.9666	0.0204	0.0195	1,068.2774
Mobile	9.6251	40.9341	132.2667	0.5214	44.9695	0.3827	45.3522	12.0332	0.3558	12.3890		53,142.1035	53,142.1035	2.4520		53,203.4046
Total	14.1751	41.8196	133.0736	0.5267	44.9695	0.4502	45.4197	12.0332	0.4233	12.4565		54,204.2065	54,204.2065	2.4728	0.0195	54,271.8272

	ROG	NOx	CO	SO2	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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9.6251	40.9341	132.2667	0.5214	44.9695	0.3827	45.3522	12.0332	0.3558	12.3890		53,142.10	53,142.10	2.4520		53,203.40
												35	35			46
Unmitigated	9.6251	40.9341	132.2667	0.5214	44.9695	0.3827	45.3522	12.0332	0.3558	12.3890		53,142.10	53,142.10	2.4520		53,203.40
												35	35			46

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Medical Office Building	589.63	146.30	25.34	1,540,857	1,540,857
Medical Office Building	3,992.30	990.60	171.60	10,432,889	10,432,889
Medical Office Building	1,535.50	381.00	66.00	4,012,650	4,012,650
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unenclosed Parking Structure	0.00	0.00	0.00		
Total	6,117.43	1,517.90	262.94	15,986,396	15,986,396

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Unenclosed Parking Structure	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
Enclosed Parking with Elevator	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Medical Office Building	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Parking Lot	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Unenclosed Parking Structure	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0974	0.8850	0.7434	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,061.9666	1,061.9666	0.0204	0.0195	1,068.2774
NaturalGas Unmitigated	0.0974	0.8850	0.7434	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,061.9666	1,061.9666	0.0204	0.0195	1,068.2774

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					
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

Medical Office Building	2265.75	0.0244	0.2221	0.1866	1.3300e-003	0.0169	0.0169	0.0169	0.0169	266.5592	266.5592	5.1100e-003	4.8900e-003	268.1433
Medical Office Building	5890.96	0.0635	0.5775	0.4851	3.4700e-003	0.0439	0.0439	0.0439	0.0439	693.0540	693.0540	0.0133	0.0127	697.1725
Medical Office Building	870.004	9.3800e-003	0.0853	0.0717	5.1000e-004	6.4800e-003	6.4800e-003	6.4800e-003	6.4800e-003	102.3534	102.3534	1.9600e-003	1.8800e-003	102.9617
Parking Lot	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0973	0.8850	0.7434	5.3100e-003	0.0673	0.0673	0.0673	0.0673	1,061.9666	1,061.9666	0.0204	0.0195	1,068.2774

Mitigated

	Natural Gas 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					
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	0.0000	0.0000
Medical Office Building	5.89096	0.0635	0.5775	0.4851	3.4700e-003	0.0439	0.0439	0.0439	0.0439	0.0439	0.0439	693.0540	693.0540	0.0133	0.0127	697.1725	
Medical Office Building	0.870004	9.3800e-003	0.0853	0.0717	5.1000e-004	6.4800e-003	6.4800e-003	6.4800e-003	6.4800e-003	6.4800e-003	6.4800e-003	102.3534	102.3534	1.9600e-003	1.8800e-003	102.9617	
Medical Office Building	2.26575	0.0244	0.2221	0.1866	1.3300e-003	0.0169	0.0169	0.0169	0.0169	0.0169	0.0169	266.5592	266.5592	5.1100e-003	4.8900e-003	268.1433	
Parking Lot	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Unenclosed Parking Structure	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	0.0000	
Total		0.0973	0.8850	0.7434	5.3100e-003	0.0673	0.0673	0.0673	0.0673	0.0673	0.0673	1,061.9666	1,061.9666	0.0204	0.0195	1,068.2774	

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Mitigated	4.4526	5.8000e-004	0.0635	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1364	0.1364	3.6000e-004			0.1453
Unmitigated	4.4526	5.8000e-004	0.0635	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1364	0.1364	3.6000e-004			0.1453

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	0.3492					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000	
Consumer Products	4.0975					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000	
Landscaping	5.8600e-003	5.8000e-004	0.0635	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1364	0.1364	3.6000e-004			0.1453
Total	4.4526	5.8000e-004	0.0635	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1364	0.1364	3.6000e-004			0.1453

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	0.3492					0.0000	0.0000		0.0000	0.0000			0.0000		0.0000
Consumer Products	4.0975					0.0000	0.0000		0.0000	0.0000			0.0000		0.0000
Landscaping	5.8600e-003	5.8000e-004	0.0635	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1364	0.1364	3.6000e-004	0.1453
Total	4.4526	5.8000e-004	0.0635	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1364	0.1364	3.6000e-004	0.1453

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Kaiser LAMC - Phase 1 Development Operations - Los Angeles-South Coast County, Winter

Kaiser LAMC - Phase 1 Development Operations
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	19.20	1000sqft	0.44	19,199.00	0
Medical Office Building	130.00	1000sqft	2.98	130,000.00	0
Medical Office Building	50.00	1000sqft	1.15	50,000.00	0
Enclosed Parking with Elevator	302.80	1000sqft	6.95	302,800.00	0
Parking Lot	0.30	Acre	0.30	13,068.00	0
Parking Lot	6.00	Space	0.05	2,400.00	0
Unenclosed Parking Structure	114.74	1000sqft	2.63	114,736.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2024
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	731.51	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP CO2 Intensity Factor adjusted for year 2024 based on 44% RPS requirement per SB 100

Land Use - Existing land uses still to be demoed = 19.199 ksf MOB, 114.736 ksf parking structure, 0.3 acre parking lot. All other uses constructed in Phase 1. Acreages based on CalEEMod defaults

Construction Phase - Modeling operations only

Off-road Equipment - Modeling operations only

Trips and VMT - Modeling operations only

Vehicle Trips - Weekday trip rates and pass-by % based on LLG TIS. Adjusted Saturday and Sunday trip rates based on weekday factor

Woodstoves - N/A

Area Coating - Adjusted non-residential interior VOC to 50 g/L per Rule 1113

Energy Use - Adjusted energy use factors based on weighted average existing and proposed LAMC MOB electricity and natural gas usage per square foot. Proposed usage based on Ted Jacobs building load estimates

Water And Wastewater - Water use data based on LADWP WSA

Solid Waste - Solid waste based on assumptions of EIR

Stationary Sources - Emergency Generators and Fire Pumps -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblEnergyUse	LightingElect	1.75	0.39
tblEnergyUse	LightingElect	3.77	3.37
tblEnergyUse	LightingElect	0.35	0.30
tblEnergyUse	NT24E	0.19	0.04
tblEnergyUse	NT24E	4.62	4.13
tblEnergyUse	NT24NG	0.39	0.62
tblEnergyUse	T24E	3.92	0.87
tblEnergyUse	T24E	4.60	4.11
tblEnergyUse	T24NG	10.02	15.92
tblLandUse	LandUseSquareFeet	19,200.00	19,199.00
tblLandUse	LandUseSquareFeet	114,740.00	114,736.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	731.51
tblSolidWaste	SolidWasteGenerationRate	0.00	52.29
tblSolidWaste	SolidWasteGenerationRate	2,151.36	1,769.63
tblSolidWaste	SolidWasteGenerationRate	0.00	20.80
tblVehicleTrips	DV_TP	30.00	0.00

tblVehicleTrips	PR_TP	60.00	90.00
tblVehicleTrips	ST_TR	8.96	7.62
tblVehicleTrips	SU_TR	1.55	1.32
tblVehicleTrips	WD_TR	36.13	30.71
tblWater	IndoorWaterUseRate	0.00	72,647.29
tblWater	IndoorWaterUseRate	24,995,723.08	21,528,788.75
tblWater	OutdoorWaterUseRate	4,761,090.11	91,709.19

2.0 Emissions Summary

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	4.4526	5.8000e-004	0.0635	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1364	0.1364	3.6000e-004			0.1453
Energy	0.0974	0.8850	0.7434	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,061.9666	1,061.9666	0.0204	0.0195		1,068.2774
Mobile	9.3236	41.9351	124.9781	0.4963	44.9695	0.3842	45.3537	12.0332	0.3572	12.3904		50,615.1811	50,615.1811	2.4419			50,676.2281
Total	13.8735	42.8206	125.7850	0.5016	44.9695	0.4517	45.4212	12.0332	0.4247	12.4579		51,677.2840	51,677.2840	2.4626	0.0195		51,744.6507

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	4.4526	5.8000e-004	0.0635	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1364	0.1364	3.6000e-004			0.1453
Energy	0.0974	0.8850	0.7434	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,061.9666	1,061.9666	0.0204	0.0195		1,068.2774
Mobile	9.3236	41.9351	124.9781	0.4963	44.9695	0.3842	45.3537	12.0332	0.3572	12.3904		50,615.1811	50,615.1811	2.4419			50,676.2281
Total	13.8735	42.8206	125.7850	0.5016	44.9695	0.4517	45.4212	12.0332	0.4247	12.4579		51,677.2840	51,677.2840	2.4626	0.0195		51,744.6507

	ROG	NOx	CO	SO2	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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9.3236	41.9351	124.9781	0.4963	44.9695	0.3842	45.3537	12.0332	0.3572	12.3904		50,615.18	50,615.18	2.4419		50,676.22
												11	11			81
Unmitigated	9.3236	41.9351	124.9781	0.4963	44.9695	0.3842	45.3537	12.0332	0.3572	12.3904		50,615.18	50,615.18	2.4419		50,676.22
												11	11			81

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
Medical Office Building	589.63	146.30	25.34	1,540,857	1,540,857
Medical Office Building	3,992.30	990.60	171.60	10,432,889	10,432,889
Medical Office Building	1,535.50	381.00	66.00	4,012,650	4,012,650
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unenclosed Parking Structure	0.00	0.00	0.00		
Total	6,117.43	1,517.90	262.94	15,986,396	15,986,396

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

Unenclosed Parking Structure	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
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4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Medical Office Building	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Parking Lot	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Unenclosed Parking Structure	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0974	0.8850	0.7434	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,061.9666	1,061.9666	0.0204	0.0195	1,068.2774
NaturalGas Unmitigated	0.0974	0.8850	0.7434	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,061.9666	1,061.9666	0.0204	0.0195	1,068.2774

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					

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	0.0000	0.0000
Medical Office Building	2265.75	0.0244	0.2221	0.1866	1.3300e-003	0.0169	0.0169	0.0169	0.0169	0.0169	0.0169	266.5592	266.5592	5.1100e-003	4.8900e-003	268.1433	
Medical Office Building	5890.96	0.0635	0.5775	0.4851	3.4700e-003	0.0439	0.0439	0.0439	0.0439	0.0439	0.0439	693.0540	693.0540	0.0133	0.0127	697.1725	
Medical Office Building	870.004	9.3800e-003	0.0853	0.0717	5.1000e-004	6.4800e-003	6.4800e-003	6.4800e-003	6.4800e-003	6.4800e-003	6.4800e-003	102.3534	102.3534	1.9600e-003	1.8800e-003	102.9617	
Parking Lot	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Unenclosed Parking Structure	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	0.0000	
Total		0.0973	0.8850	0.7434	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,061.9666	1,061.9666	0.0204	0.0195	1,068.2774

Mitigated

	Natural Gas 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					
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
Medical Office Building	5.89096	0.0635	0.5775	0.4851	3.4700e-003		0.0439	0.0439		0.0439	0.0439		693.0540	693.0540	0.0133	0.0127	697.1725
Medical Office Building	0.870004	9.3800e-003	0.0853	0.0717	5.1000e-004		6.4800e-003	6.4800e-003		6.4800e-003	6.4800e-003		102.3534	102.3534	1.9600e-003	1.8800e-003	102.9617
Medical Office Building	2.26575	0.0244	0.2221	0.1866	1.3300e-003		0.0169	0.0169		0.0169	0.0169		266.5592	266.5592	5.1100e-003	4.8900e-003	268.1433
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0973	0.8850	0.7434	5.3100e-003		0.0673	0.0673		0.0673	0.0673		1,061.9666	1,061.9666	0.0204	0.0195	1,068.2774

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	4.4526	5.8000e-004	0.0635	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1364	0.1364	3.6000e-004		0.1453
Unmitigated	4.4526	5.8000e-004	0.0635	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1364	0.1364	3.6000e-004		0.1453

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	0.3492					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.0975					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.8600e-003	5.8000e-004	0.0635	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1364	0.1364	3.6000e-004		0.1453
Total	4.4526	5.8000e-004	0.0635	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1364	0.1364	3.6000e-004		0.1453

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	0.3492					0.0000	0.0000		0.0000	0.0000			0.0000		0.0000
Consumer Products	4.0975					0.0000	0.0000		0.0000	0.0000			0.0000		0.0000
Landscaping	5.8600e-003	5.8000e-004	0.0635	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1364	0.1364	3.6000e-004	0.1453
Total	4.4526	5.8000e-004	0.0635	0.0000		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004		0.1364	0.1364	3.6000e-004	0.1453

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

**Kaiser LAMC - Phase 1 Development Operations
Los Angeles-South Coast County, Mitigation Report**

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.11	0.33		
No	Land Use	Improve Walkability Design	0.00			

No	Land Use	Improve Destination Accessibility	0.00		
No	Land Use	Increase Transit Accessibility	0.25		
No	Land Use	Integrate Below Market Rate Housing	0.00		
	Land Use	Land Use SubTotal	0.00		
No	Neighborhood Enhancements	Improve Pedestrian Network			
No	Neighborhood Enhancements	Provide Traffic Calming Measures			
No	Neighborhood Enhancements	Implement NEV Network	0.00		
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00		
No	Parking Policy Pricing	Limit Parking Supply	0.00		
No	Parking Policy Pricing	Unbundle Parking Costs	0.00		
No	Parking Policy Pricing	On-street Market Pricing	0.00		
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00		
No	Transit Improvements	Provide BRT System	0.00		
No	Transit Improvements	Expand Transit Network	0.00		
No	Transit Improvements	Increase Transit Frequency	0.00		
	Transit Improvements	Transit Improvements Subtotal	0.00		
		Land Use and Site Enhancement Subtotal	0.00		
No	Commute	Implement Trip Reduction Program			
No	Commute	Transit Subsidy			
No	Commute	Implement Employee Parking "Cash Out"			
No	Commute	Workplace Parking Charge			
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00		
No	Commute	Market Commute Trip Reduction Option	0.00		
No	Commute	Employee Vanpool/Shuttle	0.00		2.00
No	Commute	Provide Ride Sharing Program			

	Commute	Commute Subtotal	0.00		
No	School Trip	Implement School Bus Program	0.00		
		Total VMT Reduction	0.00		

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	50.00
No	Use Low VOC Paint (Residential Exterior)	50.00
No	Use Low VOC Paint (Non-residential Interior)	50.00
No	Use Low VOC Paint (Non-residential Exterior)	100.00
No	Use Low VOC Paint (Parking)	100.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00

Fan	50.00
Refrigerator	15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services Percent Reduction in Waste Disposed	

Kaiser LAMC - Phase 2 (Option A) Development Operations - Los Angeles-South Coast County, Annual

**Kaiser LAMC - Phase 2 (Option A) Development Operations
Los Angeles-South Coast County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	130.00	1000sqft	2.98	130,000.00	0
Medical Office Building	50.00	1000sqft	1.15	50,000.00	0
Medical Office Building	177.30	1000sqft	4.07	177,300.00	0
Enclosed Parking with Elevator	302.80	1000sqft	6.95	302,800.00	0
Enclosed Parking with Elevator	230.60	1000sqft	5.29	230,600.00	0
Parking Lot	0.30	Acre	0.30	13,068.00	0
Parking Lot	6.00	Space	0.05	2,400.00	0
Strip Mall	2.30	1000sqft	0.05	2,300.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2028
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	627.01	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP CO2 Intensity Factor adjusted for year based on 52% RPS by 2027 requirement per SB 100

Land Use - Existing land uses still to be demoed = 0.3 acre parking lot. All other uses constructed in Phases 1 and 2 (Option A). Acreages based on CalEEMod defaults

Construction Phase - Modeling operations only

Vehicle Trips - Weekday trip rates and pass-by % based on LLG TIS. Adjusted Saturday and Sunday trip rates based on weekday factor

Woodstoves - N/A

Area Coating - Adjusted non-residential interior VOC to 50 g/L per Rule 1113

Energy Use - Proposed energy usage based on Ted Jacobs building load estimates

Water And Wastewater - Water use data based on LADWP WSA

Solid Waste - Solid waste based on assumptions of EIR

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblEnergyUse	LightingElect	1.75	0.39
tblEnergyUse	LightingElect	3.77	3.15
tblEnergyUse	LightingElect	0.35	0.30
tblEnergyUse	LightingElect	6.26	0.00
tblEnergyUse	NT24E	0.19	0.04
tblEnergyUse	NT24E	4.62	3.87
tblEnergyUse	NT24E	3.23	0.00
tblEnergyUse	NT24NG	0.39	0.48
tblEnergyUse	NT24NG	0.49	0.00
tblEnergyUse	T24E	3.92	0.87
tblEnergyUse	T24E	4.60	3.85
tblEnergyUse	T24E	4.01	0.00
tblEnergyUse	T24NG	10.02	12.42
tblEnergyUse	T24NG	1.15	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	627.01
tblSolidWaste	SolidWasteGenerationRate	0.00	92.11
tblSolidWaste	SolidWasteGenerationRate	3,858.84	3,174.16
tblSolidWaste	SolidWasteGenerationRate	2.42	22.92
tblVehicleTrips	DV_TP	30.00	0.00

tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	60.00	90.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	8.96	7.62
tblVehicleTrips	ST_TR	42.04	40.42
tblVehicleTrips	SU_TR	1.55	1.32
tblVehicleTrips	SU_TR	20.43	19.64
tblVehicleTrips	WD_TR	36.13	30.71
tblVehicleTrips	WD_TR	44.32	42.61
tblWater	IndoorWaterUseRate	0.00	127,957.13
tblWater	IndoorWaterUseRate	44,834,196.07	42,403,537.75
tblWater	IndoorWaterUseRate	170,366.80	27,533.22
tblWater	OutdoorWaterUseRate	8,539,846.87	182,042.73
tblWater	OutdoorWaterUseRate	104,418.36	118.20

2.0 Emissions Summary

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	1.4478	1.0000e-004	0.0115	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0223	0.0223	6.0000e-005	0.0000	0.0238
Energy	0.0249	0.2259	0.1898	1.3600e-003		0.0172	0.0172		0.0172	0.0172	0.0000	1,549.0903	1,549.0903	0.0650	0.0170	1,555.7748
Mobile	1.8921	9.5722	25.6408	0.1135	10.9970	0.0792	11.0761	2.9467	0.0735	3.0202	0.0000	10,529.3659	10,529.3659	0.4568	0.0000	10,540.7868
Waste						0.0000	0.0000		0.0000	0.0000	667.6759	0.0000	667.6759	39.4585	0.0000	1,654.1387
Water						0.0000	0.0000		0.0000	0.0000	13.5020	158.1829	171.6849	1.3941	0.0343	216.7465
Total	3.3647	9.7982	25.8421	0.1148	10.9970	0.0964	11.0934	2.9467	0.0908	3.0374	681.1779	12,236.6614	12,917.8392	41.3745	0.0512	13,967.4706

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	1.4478	1.0000e-004	0.0115	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0223	0.0223	6.0000e-005	0.0000	0.0238
Energy	0.0249	0.2259	0.1898	1.3600e-003		0.0172	0.0172		0.0172	0.0172	0.0000	1,549.0903	1,549.0903	0.0650	0.0170	1,555.7748
Mobile	1.8921	9.5722	25.6408	0.1135	10.9970	0.0792	11.0761	2.9467	0.0735	3.0202	0.0000	10,529.3659	10,529.3659	0.4568	0.0000	10,540.7868
Waste						0.0000	0.0000		0.0000	0.0000	667.6759	0.0000	667.6759	39.4585	0.0000	1,654.1387
Water						0.0000	0.0000		0.0000	0.0000	13.5020	158.1829	171.6849	1.3941	0.0343	216.7465
Total	3.3647	9.7982	25.8421	0.1148	10.9970	0.0964	11.0934	2.9467	0.0908	3.0374	681.1779	12,236.6614	12,917.8392	41.3745	0.0512	13,967.4706

	ROG	NOx	CO	SO2	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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.8921	9.5722	25.6408	0.1135	10.9970	0.0792	11.0761	2.9467	0.0735	3.0202	0.0000	10,529.36 59	10,529.36 59	0.4568	0.0000	10,540.78 68
Unmitigated	1.8921	9.5722	25.6408	0.1135	10.9970	0.0792	11.0761	2.9467	0.0735	3.0202	0.0000	10,529.36 59	10,529.36 59	0.4568	0.0000	10,540.78 68

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Medical Office Building	3,992.30	990.60	171.60	10,432,889	10,432,889
Medical Office Building	1,535.50	381.00	66.00	4,012,650	4,012,650
Medical Office Building	5,444.88	1,351.03	234.04	14,228,855	14,228,855
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Strip Mall	98.00	92.97	45.17	309,530	309,530
Total	11,070.69	2,815.59	516.81	28,983,924	28,983,924

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Medical Office Building	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Parking Lot	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Strip Mall	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821

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	1,303.1275	1,303.1275	0.0603	0.0125	1,308.3503
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,303.1275	1,303.1275	0.0603	0.0125	1,308.3503
NaturalGas Mitigated	0.0249	0.2259	0.1898	1.3600e-003		0.0172	0.0172		0.0172	0.0172	0.0000	245.9629	245.9629	4.7100e-003	4.5100e-003	247.4245
NaturalGas Unmitigated	0.0249	0.2259	0.1898	1.3600e-003		0.0172	0.0172		0.0172	0.0172	0.0000	245.9629	245.9629	4.7100e-003	4.5100e-003	247.4245

5.2 Energy by Land Use - NaturalGas Unmitigated

	Natural Gas 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					
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
Medical Office Building	1.677e+006	9.0400e-003	0.0822	0.0691	4.9000e-004		6.2500e-003	6.2500e-003		6.2500e-003	6.2500e-003	0.0000	89.4911	89.4911	1.7200e-003	1.6400e-003	90.0229
Medical Office Building	2.28717e+006	0.0123	0.1121	0.0942	6.7000e-004		8.5200e-003	8.5200e-003		8.5200e-003	8.5200e-003	0.0000	122.0521	122.0521	2.3400e-003	2.2400e-003	122.7774
Medical Office Building	645000	3.4800e-003	0.0316	0.0266	1.9000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	34.4197	34.4197	6.6000e-004	6.3000e-004	34.6242
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	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		0.0249	0.2260	0.1898	1.3500e-003		0.0172	0.0172		0.0172	0.0172	0.0000	245.9629	245.9629	4.7200e-003	4.5100e-003	247.4245

Mitigated

	Natural Gas 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					
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
Medical Office Building	645000	3.4800e-003	0.0316	0.0266	1.9000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	34.4197	34.4197	6.6000e-004	6.3000e-004	34.6242
Medical Office Building	1.677e+006	9.0400e-003	0.0822	0.0691	4.9000e-004		6.2500e-003	6.2500e-003		6.2500e-003	6.2500e-003	0.0000	89.4911	89.4911	1.7200e-003	1.6400e-003	90.0229
Medical Office Building	2.28717e+006	0.0123	0.1121	0.0942	6.7000e-004		8.5200e-003	8.5200e-003		8.5200e-003	8.5200e-003	0.0000	122.0521	122.0521	2.3400e-003	2.2400e-003	122.7774
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	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		0.0249	0.2260	0.1898	1.3500e-003		0.0172	0.0172		0.0172	0.0172	0.0000	245.9629	245.9629	4.7200e-003	4.5100e-003	247.4245

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	299780	85.2595	3.9400e-003	8.2000e-004	85.6012
Enclosed Parking with Elevator	393640	111.9540	5.1800e-003	1.0700e-003	112.4027
Medical Office Building	1.4131e+006	401.8955	0.0186	3.8500e-003	403.5062
Medical Office Building	1.92725e+006	548.1236	0.0254	5.2500e-003	550.3204
Medical Office Building	543500	154.5752	7.1500e-003	1.4800e-003	155.1947
Parking Lot	3920.4	1.1150	5.0000e-005	1.0000e-005	1.1195
Parking Lot	720	0.2048	1.0000e-005	0.0000	0.2056
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		1,303.1275	0.0603	0.0125	1,308.3503

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	299780	85.2595	3.9400e-003	8.2000e-004	85.6012
Enclosed Parking with Elevator	393640	111.9540	5.1800e-003	1.0700e-003	112.4027
Medical Office Building	1.4131e+006	401.8955	0.0186	3.8500e-003	403.5062

Medical Office Building	1.92725e+006	548.1236	0.0254	5.2500e-003	550.3204
Medical Office Building	543500	154.5752	7.1500e-003	1.4800e-003	155.1947
Parking Lot	3920.4	1.1150	5.0000e-005	1.0000e-005	1.1195
Parking Lot	720	0.2048	1.0000e-005	0.0000	0.2056
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		1,303.1275	0.0603	0.0125	1,308.3503

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.4478	1.0000e-004	0.0115	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0223	0.0223	6.0000e-005	0.0000	0.0238
Unmitigated	1.4478	1.0000e-004	0.0115	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0223	0.0223	6.0000e-005	0.0000	0.0238

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					

Architectural Coating	0.1118					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.3349					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0500e-003	1.0000e-004	0.0115	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0223	0.0223	6.0000e-005	0.0000	0.0238
Total	1.4477	1.0000e-004	0.0115	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0223	0.0223	6.0000e-005	0.0000	0.0238

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1118					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.3349					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0500e-003	1.0000e-004	0.0115	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0223	0.0223	6.0000e-005	0.0000	0.0238
Total	1.4477	1.0000e-004	0.0115	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0223	0.0223	6.0000e-005	0.0000	0.0238

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	171.6849	1.3941	0.0343	216.7465
Unmitigated	171.6849	1.3941	0.0343	216.7465

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0.127957 / 0	0.5145	4.1900e-003	1.0000e-004	0.6499
Medical Office Building	42.4035 / 0.182043	171.0594	1.3890	0.0341	215.9564
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.0275332 /	0.1111	9.0000e-004	2.0000e-005	0.1402
Total		171.6849	1.3941	0.0343	216.7465

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0.127957 / 0	0.5145	4.1900e-003	1.0000e-004	0.6499
Medical Office Building	42.4035 / 0.182043	171.0594	1.3890	0.0341	215.9564
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.0275332 /	0.1111	9.0000e-004	2.0000e-005	0.1402
Total		171.6849	1.3941	0.0343	216.7465

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	667.6759	39.4585	0.0000	1,654.1387
Unmitigated	667.6759	39.4585	0.0000	1,654.1387

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	92.11	18.6975	1.1050	0.0000	46.3223
Medical Office Building	3174.16	644.3258	38.0786	0.0000	1,596.2899
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	22.92	4.6526	0.2750	0.0000	11.5265
Total		667.6758	39.4585	0.0000	1,654.1386

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	92.11	18.6975	1.1050	0.0000	46.3223
Medical Office Building	3174.16	644.3258	38.0786	0.0000	1,596.2899
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	22.92	4.6526	0.2750	0.0000	11.5265
Total		667.6758	39.4585	0.0000	1,654.1386

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Kaiser LAMC - Phase 2 (Option A) Development Operations - Los Angeles-South Coast County, Summer

Kaiser LAMC - Phase 2 (Option A) Development Operations
Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	130.00	1000sqft	2.98	130,000.00	0
Medical Office Building	50.00	1000sqft	1.15	50,000.00	0
Medical Office Building	177.30	1000sqft	4.07	177,300.00	0
Enclosed Parking with Elevator	302.80	1000sqft	6.95	302,800.00	0
Enclosed Parking with Elevator	230.60	1000sqft	5.29	230,600.00	0
Parking Lot	0.30	Acre	0.30	13,068.00	0
Parking Lot	6.00	Space	0.05	2,400.00	0
Strip Mall	2.30	1000sqft	0.05	2,300.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2028
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	627.01	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP CO2 Intensity Factor adjusted for year based on 52% RPS by 2027 requirement per SB 100

Land Use - Existing land uses still to be demoed = 0.3 acre parking lot. All other uses constructed in Phases 1 and 2 (Option A). Acreages based on CalEEMod defaults

Construction Phase - Modeling operations only

Vehicle Trips - Weekday trip rates and pass-by % based on LLG TIS. Adjusted Saturday and Sunday trip rates based on weekday factor

Woodstoves - N/A

Area Coating - Adjusted non-residential interior VOC to 50 g/L per Rule 1113

Energy Use - Proposed energy usage based on Ted Jacobs building load estimates

Water And Wastewater - Water use data based on LADWP WSA

Solid Waste - Solid waste based on assumptions of EIR

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblEnergyUse	LightingElect	1.75	0.39
tblEnergyUse	LightingElect	3.77	3.15
tblEnergyUse	LightingElect	0.35	0.30
tblEnergyUse	LightingElect	6.26	0.00
tblEnergyUse	NT24E	0.19	0.04
tblEnergyUse	NT24E	4.62	3.87
tblEnergyUse	NT24E	3.23	0.00
tblEnergyUse	NT24NG	0.39	0.48
tblEnergyUse	NT24NG	0.49	0.00
tblEnergyUse	T24E	3.92	0.87
tblEnergyUse	T24E	4.60	3.85
tblEnergyUse	T24E	4.01	0.00
tblEnergyUse	T24NG	10.02	12.42
tblEnergyUse	T24NG	1.15	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	627.01
tblSolidWaste	SolidWasteGenerationRate	0.00	92.11
tblSolidWaste	SolidWasteGenerationRate	3,858.84	3,174.16
tblSolidWaste	SolidWasteGenerationRate	2.42	22.92
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00

tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	60.00	90.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	8.96	7.62
tblVehicleTrips	ST_TR	42.04	40.42
tblVehicleTrips	SU_TR	1.55	1.32
tblVehicleTrips	SU_TR	20.43	19.64
tblVehicleTrips	WD_TR	36.13	30.71
tblVehicleTrips	WD_TR	44.32	42.61
tblWater	IndoorWaterUseRate	0.00	127,957.13
tblWater	IndoorWaterUseRate	44,834,196.07	42,403,537.75
tblWater	IndoorWaterUseRate	170,366.80	27,533.22
tblWater	OutdoorWaterUseRate	8,539,846.87	182,042.73
tblWater	OutdoorWaterUseRate	104,418.36	118.20

2.0 Emissions Summary

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	7.9355	8.3000e-004	0.0916	1.0000e-005		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004		0.1968	0.1968	5.1000e-004		0.2096
Energy	0.1362	1.2380	1.0399	7.4300e-003		0.0941	0.0941		0.0941	0.0941		1,485.6309	1,485.6309	0.0285	0.0272	1,494.4593
Mobile	14.4941	67.0633	193.6995	0.8520	81.3599	0.5745	81.9344	21.7655	0.5335	22.2990		87,108.8120	87,108.8120	3.6702		87,200.5673
Total	22.5658	68.3022	194.8310	0.8594	81.3599	0.6689	82.0288	21.7655	0.6279	22.3934		88,594.6397	88,594.6397	3.6992	0.0272	88,695.2362

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	7.9355	8.3000e-004	0.0916	1.0000e-005		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004		0.1968	0.1968	5.1000e-004		0.2096
Energy	0.1362	1.2380	1.0399	7.4300e-003		0.0941	0.0941		0.0941	0.0941		1,485.6309	1,485.6309	0.0285	0.0272	1,494.4593
Mobile	14.4941	67.0633	193.6995	0.8520	81.3599	0.5745	81.9344	21.7655	0.5335	22.2990		87,108.8120	87,108.8120	3.6702		87,200.5673
Total	22.5658	68.3022	194.8310	0.8594	81.3599	0.6689	82.0288	21.7655	0.6279	22.3934		88,594.6397	88,594.6397	3.6992	0.0272	88,695.2362

	ROG	NOx	CO	SO2	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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	14.4941	67.0633	193.6995	0.8520	81.3599	0.5745	81.9344	21.7655	0.5335	22.2990		87,108.81	87,108.81	3.6702		87,200.56
Unmitigated	14.4941	67.0633	193.6995	0.8520	81.3599	0.5745	81.9344	21.7655	0.5335	22.2990		87,108.81	87,108.81	3.6702		87,200.56
												20	20			73
												20	20			73

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Medical Office Building	3,992.30	990.60	171.60	10,432,889	10,432,889
Medical Office Building	1,535.50	381.00	66.00	4,012,650	4,012,650
Medical Office Building	5,444.88	1,351.03	234.04	14,228,855	14,228,855
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Strip Mall	98.00	92.97	45.17	309,530	309,530
Total	11,070.69	2,815.59	516.81	28,983,924	28,983,924

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Medical Office Building	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Parking Lot	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Strip Mall	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1362	1.2380	1.0399	7.4300e-003		0.0941	0.0941		0.0941	0.0941		1,485.6309	1,485.6309	0.0285	0.0272	1,494.4593
NaturalGas Unmitigated	0.1362	1.2380	1.0399	7.4300e-003		0.0941	0.0941		0.0941	0.0941		1,485.6309	1,485.6309	0.0285	0.0272	1,494.4593

5.2 Energy by Land Use - NaturalGas

Unmitigated

	Natural Gas 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					
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
Medical Office Building	1767.12	0.0191	0.1733	0.1455	1.0400e-003		0.0132	0.0132		0.0132	0.0132		207.8969	207.8969	3.9800e-003	3.8100e-003	209.1323
Medical Office Building	4594.52	0.0496	0.4504	0.3784	2.7000e-003		0.0342	0.0342		0.0342	0.0342		540.5318	540.5318	0.0104	9.9100e-003	543.7439
Medical Office Building	6266.22	0.0676	0.6143	0.5160	3.6900e-003		0.0467	0.0467		0.0467	0.0467		737.2023	737.2023	0.0141	0.0135	741.5831
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.1362	1.2380	1.0399	7.4300e-003		0.0941	0.0941		0.0941	0.0941		1,485.6310	1,485.6310	0.0285	0.0272	1,494.4593

Mitigated

	Natural Gas 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					
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
Medical Office Building	6.26622	0.0676	0.6143	0.5160	3.6900e-003		0.0467	0.0467		0.0467	0.0467		737.2023	737.2023	0.0141	0.0135	741.5831
Medical Office Building	1.76712	0.0191	0.1733	0.1455	1.0400e-003		0.0132	0.0132		0.0132	0.0132		207.8969	207.8969	3.9800e-003	3.8100e-003	209.1323
Medical Office Building	4.59452	0.0496	0.4504	0.3784	2.7000e-003		0.0342	0.0342		0.0342	0.0342		540.5318	540.5318	0.0104	9.9100e-003	543.7439
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.1362	1.2380	1.0399	7.4300e-003		0.0941	0.0941		0.0941	0.0941		1,485.6310	1,485.6310	0.0285	0.0272	1,494.4593

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.9355	8.3000e-004	0.0916	1.0000e-005		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004		0.1968	0.1968	5.1000e-004		0.2096
Unmitigated	7.9355	8.3000e-004	0.0916	1.0000e-005		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004		0.1968	0.1968	5.1000e-004		0.2096

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	0.6126					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.3145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.4300e-003	8.3000e-004	0.0916	1.0000e-005		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004		0.1968	0.1968	5.1000e-004		0.2096
Total	7.9355	8.3000e-004	0.0916	1.0000e-005		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004		0.1968	0.1968	5.1000e-004		0.2096

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	0.6126					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.3145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.4300e-003	8.3000e-004	0.0916	1.0000e-005		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004		0.1968	0.1968	5.1000e-004		0.2096
Total	7.9355	8.3000e-004	0.0916	1.0000e-005		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004		0.1968	0.1968	5.1000e-004		0.2096

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Kaiser LAMC - Phase 2 (Option A) Development Operations - Los Angeles-South Coast County, Winter

Kaiser LAMC - Phase 2 (Option A) Development Operations
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	130.00	1000sqft	2.98	130,000.00	0
Medical Office Building	50.00	1000sqft	1.15	50,000.00	0
Medical Office Building	177.30	1000sqft	4.07	177,300.00	0
Enclosed Parking with Elevator	302.80	1000sqft	6.95	302,800.00	0
Enclosed Parking with Elevator	230.60	1000sqft	5.29	230,600.00	0
Parking Lot	0.30	Acre	0.30	13,068.00	0
Parking Lot	6.00	Space	0.05	2,400.00	0
Strip Mall	2.30	1000sqft	0.05	2,300.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2028
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	627.01	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP CO2 Intensity Factor adjusted for year based on 52% RPS by 2027 requirement per SB 100

Land Use - Existing land uses still to be demoed = 0.3 acre parking lot. All other uses constructed in Phases 1 and 2 (Option A). Acreages based on CalEEMod defaults

Construction Phase - Modeling operations only

Vehicle Trips - Weekday trip rates and pass-by % based on LLG TIS. Adjusted Saturday and Sunday trip rates based on weekday factor

Woodstoves - N/A

Area Coating - Adjusted non-residential interior VOC to 50 g/L per Rule 1113

Energy Use - Proposed energy usage based on Ted Jacobs building load estimates

Water And Wastewater - Water use data based on LADWP WSA

Solid Waste - Solid waste based on assumptions of EIR

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblEnergyUse	LightingElect	1.75	0.39
tblEnergyUse	LightingElect	3.77	3.15
tblEnergyUse	LightingElect	0.35	0.30
tblEnergyUse	LightingElect	6.26	0.00
tblEnergyUse	NT24E	0.19	0.04
tblEnergyUse	NT24E	4.62	3.87
tblEnergyUse	NT24E	3.23	0.00
tblEnergyUse	NT24NG	0.39	0.48
tblEnergyUse	NT24NG	0.49	0.00
tblEnergyUse	T24E	3.92	0.87
tblEnergyUse	T24E	4.60	3.85
tblEnergyUse	T24E	4.01	0.00
tblEnergyUse	T24NG	10.02	12.42
tblEnergyUse	T24NG	1.15	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	627.01
tblSolidWaste	SolidWasteGenerationRate	0.00	92.11
tblSolidWaste	SolidWasteGenerationRate	3,858.84	3,174.16
tblSolidWaste	SolidWasteGenerationRate	2.42	22.92
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00

tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	60.00	90.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	8.96	7.62
tblVehicleTrips	ST_TR	42.04	40.42
tblVehicleTrips	SU_TR	1.55	1.32
tblVehicleTrips	SU_TR	20.43	19.64
tblVehicleTrips	WD_TR	36.13	30.71
tblVehicleTrips	WD_TR	44.32	42.61
tblWater	IndoorWaterUseRate	0.00	127,957.13
tblWater	IndoorWaterUseRate	44,834,196.07	42,403,537.75
tblWater	IndoorWaterUseRate	170,366.80	27,533.22
tblWater	OutdoorWaterUseRate	8,539,846.87	182,042.73
tblWater	OutdoorWaterUseRate	104,418.36	118.20

2.0 Emissions Summary

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	7.9355	8.3000e-004	0.0916	1.0000e-005		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004		0.1968	0.1968	5.1000e-004		0.2096
Energy	0.1362	1.2380	1.0399	7.4300e-003		0.0941	0.0941		0.0941	0.0941		1,485.6309	1,485.6309	0.0285	0.0272	1,494.4593
Mobile	14.0451	68.3184	183.3347	0.8120	81.3599	0.5762	81.9362	21.7655	0.5352	22.3006		83,072.8910	83,072.8910	3.6718		83,164.6867
Total	22.1168	69.5573	184.4663	0.8195	81.3599	0.6707	82.0306	21.7655	0.6296	22.3951		84,558.7187	84,558.7187	3.7008	0.0272	84,659.3556

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	7.9355	8.3000e-004	0.0916	1.0000e-005		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004		0.1968	0.1968	5.1000e-004		0.2096
Energy	0.1362	1.2380	1.0399	7.4300e-003		0.0941	0.0941		0.0941	0.0941		1,485.6309	1,485.6309	0.0285	0.0272	1,494.4593
Mobile	14.0451	68.3184	183.3347	0.8120	81.3599	0.5762	81.9362	21.7655	0.5352	22.3006		83,072.8910	83,072.8910	3.6718		83,164.6867
Total	22.1168	69.5573	184.4663	0.8195	81.3599	0.6707	82.0306	21.7655	0.6296	22.3951		84,558.7187	84,558.7187	3.7008	0.0272	84,659.3556

	ROG	NOx	CO	SO2	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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	14.0451	68.3184	183.3347	0.8120	81.3599	0.5762	81.9362	21.7655	0.5352	22.3006			83,072.89	3.6718		83,164.68
												10	10			67
Unmitigated	14.0451	68.3184	183.3347	0.8120	81.3599	0.5762	81.9362	21.7655	0.5352	22.3006			83,072.89	3.6718		83,164.68
												10	10			67

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Medical Office Building	3,992.30	990.60	171.60	10,432,889	10,432,889
Medical Office Building	1,535.50	381.00	66.00	4,012,650	4,012,650
Medical Office Building	5,444.88	1,351.03	234.04	14,228,855	14,228,855
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Strip Mall	98.00	92.97	45.17	309,530	309,530
Total	11,070.69	2,815.59	516.81	28,983,924	28,983,924

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Medical Office Building	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Parking Lot	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Strip Mall	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1362	1.2380	1.0399	7.4300e-003		0.0941	0.0941		0.0941	0.0941		1,485.6309	1,485.6309	0.0285	0.0272	1,494.4593
NaturalGas Unmitigated	0.1362	1.2380	1.0399	7.4300e-003		0.0941	0.0941		0.0941	0.0941		1,485.6309	1,485.6309	0.0285	0.0272	1,494.4593

5.2 Energy by Land Use - NaturalGas

Unmitigated

	Natural Gas 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					
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
Medical Office Building	1767.12	0.0191	0.1733	0.1455	1.0400e-003		0.0132	0.0132		0.0132	0.0132		207.8969	207.8969	3.9800e-003	3.8100e-003	209.1323
Medical Office Building	4594.52	0.0496	0.4504	0.3784	2.7000e-003		0.0342	0.0342		0.0342	0.0342		540.5318	540.5318	0.0104	9.9100e-003	543.7439
Medical Office Building	6266.22	0.0676	0.6143	0.5160	3.6900e-003		0.0467	0.0467		0.0467	0.0467		737.2023	737.2023	0.0141	0.0135	741.5831
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.1362	1.2380	1.0399	7.4300e-003		0.0941	0.0941		0.0941	0.0941		1,485.6310	1,485.6310	0.0285	0.0272	1,494.4593

Mitigated

	Natural Gas 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					
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
Medical Office Building	4.59452	0.0496	0.4504	0.3784	2.7000e-003		0.0342	0.0342		0.0342	0.0342		540.5318	540.5318	0.0104	9.9100e-003	543.7439
Medical Office Building	6.26622	0.0676	0.6143	0.5160	3.6900e-003		0.0467	0.0467		0.0467	0.0467		737.2023	737.2023	0.0141	0.0135	741.5831
Medical Office Building	1.76712	0.0191	0.1733	0.1455	1.0400e-003		0.0132	0.0132		0.0132	0.0132		207.8969	207.8969	3.9800e-003	3.8100e-003	209.1323
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.1362	1.2380	1.0399	7.4300e-003		0.0941	0.0941		0.0941	0.0941		1,485.6310	1,485.6310	0.0285	0.0272	1,494.4593

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.9355	8.3000e-004	0.0916	1.0000e-005		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004		0.1968	0.1968	5.1000e-004		0.2096
Unmitigated	7.9355	8.3000e-004	0.0916	1.0000e-005		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004		0.1968	0.1968	5.1000e-004		0.2096

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	0.6126					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.3145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.4300e-003	8.3000e-004	0.0916	1.0000e-005		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004		0.1968	0.1968	5.1000e-004		0.2096
Total	7.9355	8.3000e-004	0.0916	1.0000e-005		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004		0.1968	0.1968	5.1000e-004		0.2096

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	0.6126					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.3145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	8.4300e-003	8.3000e-004	0.0916	1.0000e-005		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004		0.1968	0.1968	5.1000e-004		0.2096
Total	7.9355	8.3000e-004	0.0916	1.0000e-005		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004		0.1968	0.1968	5.1000e-004		0.2096

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Kaiser LAMC - Phase 2 (Option A) Development Operations Los Angeles-South Coast County, Mitigation Report

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.11	0.33		
No	Land Use	Improve Walkability Design	0.00			

No	Land Use	Improve Destination Accessibility	0.00		
No	Land Use	Increase Transit Accessibility	0.25		
No	Land Use	Integrate Below Market Rate Housing	0.00		
	Land Use	Land Use SubTotal	0.00		
No	Neighborhood Enhancements	Improve Pedestrian Network			
No	Neighborhood Enhancements	Provide Traffic Calming Measures			
No	Neighborhood Enhancements	Implement NEV Network	0.00		
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00		
No	Parking Policy Pricing	Limit Parking Supply	0.00		
No	Parking Policy Pricing	Unbundle Parking Costs	0.00		
No	Parking Policy Pricing	On-street Market Pricing	0.00		
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00		
No	Transit Improvements	Provide BRT System	0.00		
No	Transit Improvements	Expand Transit Network	0.00		
No	Transit Improvements	Increase Transit Frequency	0.00		
	Transit Improvements	Transit Improvements Subtotal	0.00		
		Land Use and Site Enhancement Subtotal	0.00		
No	Commute	Implement Trip Reduction Program			
No	Commute	Transit Subsidy			
No	Commute	Implement Employee Parking "Cash Out"			
No	Commute	Workplace Parking Charge			
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00		
No	Commute	Market Commute Trip Reduction Option	0.00		
No	Commute	Employee Vanpool/Shuttle	0.00		2.00
No	Commute	Provide Ride Sharing Program			

	Commute	Commute Subtotal	0.00		
No	School Trip	Implement School Bus Program	0.00		
		Total VMT Reduction	0.00		

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	50.00
No	Use Low VOC Paint (Residential Exterior)	50.00
No	Use Low VOC Paint (Non-residential Interior)	50.00
No	Use Low VOC Paint (Non-residential Exterior)	100.00
No	Use Low VOC Paint (Parking)	100.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00

Fan	50.00
Refrigerator	15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services Percent Reduction in Waste Disposed	

Kaiser LAMC - Phase 3 (Option A) Development Operations - Los Angeles-South Coast County, Annual

Kaiser LAMC - Phase 3 (Option A) Development Operations
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	130.00	1000sqft	2.98	130,000.00	0
Medical Office Building	50.00	1000sqft	1.15	50,000.00	0
Medical Office Building	177.30	1000sqft	4.07	177,300.00	0
Medical Office Building	41.50	1000sqft	0.95	41,500.00	0
Enclosed Parking with Elevator	302.80	1000sqft	6.95	302,800.00	0
Enclosed Parking with Elevator	230.60	1000sqft	5.29	230,600.00	0
Enclosed Parking with Elevator	122.40	1000sqft	2.81	122,400.00	0
Parking Lot	6.00	Space	0.05	2,400.00	0
Strip Mall	2.30	1000sqft	0.05	2,300.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2030
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	522.51	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP CO2 Intensity Factor adjusted for year 2030 based on 60% RPS requirement per SB 100
 Land Use - All land uses constructed in Phases 1 through 3 (Option A). Acreages based on CalEEMod defaults

Construction Phase - Modeling operations only

Vehicle Trips - Weekday trip rates and pass-by % based on LLG TIS. Adjusted Saturday and Sunday trip rates based on weekday factor

Woodstoves - N/A

Area Coating - Adjusted non-residential interior VOC to 50 g/L per Rule 1113

Energy Use - Proposed energy usage based on Ted Jacobs building load estimates

Water And Wastewater - Water use data based on LADWP WSA

Solid Waste - Solid waste based on assumptions of EIR

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblEnergyUse	LightingElect	1.75	0.39
tblEnergyUse	LightingElect	3.77	3.15
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	6.26	0.00
tblEnergyUse	NT24E	0.19	0.04
tblEnergyUse	NT24E	4.62	3.87
tblEnergyUse	NT24E	3.23	0.00
tblEnergyUse	NT24NG	0.39	0.48
tblEnergyUse	NT24NG	0.49	0.00
tblEnergyUse	T24E	3.92	0.87
tblEnergyUse	T24E	4.60	3.85
tblEnergyUse	T24E	4.01	0.00
tblEnergyUse	T24NG	10.02	12.42
tblEnergyUse	T24NG	1.15	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	522.51
tblSolidWaste	SolidWasteGenerationRate	0.00	113.24
tblSolidWaste	SolidWasteGenerationRate	4,307.04	3,542.83
tblSolidWaste	SolidWasteGenerationRate	2.42	22.92
tblVehicleTrips	DV_TP	30.00	0.00

tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	60.00	90.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	8.96	7.62
tblVehicleTrips	ST_TR	42.04	40.42
tblVehicleTrips	SU_TR	1.55	1.32
tblVehicleTrips	SU_TR	20.43	19.64
tblVehicleTrips	WD_TR	36.13	30.71
tblVehicleTrips	WD_TR	44.32	42.61
tblWater	IndoorWaterUseRate	0.00	157,315.00
tblWater	IndoorWaterUseRate	50,041,638.38	47,328,661.78
tblWater	IndoorWaterUseRate	170,366.80	27,533.22
tblWater	OutdoorWaterUseRate	9,531,740.64	203,186.80
tblWater	OutdoorWaterUseRate	104,418.36	118.20

2.0 Emissions Summary

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	1.6185	1.2000e-004	0.0135	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0264	0.0264	7.0000e-005	0.0000	0.0281
Energy	0.0277	0.2522	0.2118	1.5100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	1,504.0017	1,504.0017	0.0735	0.0192	1,511.5462
Mobile	1.9457	10.2818	26.2350	0.1221	12.2605	0.0777	12.3382	3.2851	0.0721	3.3572	0.0000	11,344.4810	11,344.4810	0.4748	0.0000	11,356.3498
Waste						0.0000	0.0000		0.0000	0.0000	746.8017	0.0000	746.8017	44.1347	0.0000	1,850.1697
Water						0.0000	0.0000		0.0000	0.0000	15.0738	147.1650	162.2388	1.5564	0.0383	212.5463
Total	3.5920	10.5341	26.4603	0.1236	12.2605	0.0969	12.3574	3.2851	0.0913	3.3764	761.8756	12,995.6741	13,757.5497	46.2394	0.0574	14,930.6401

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	1.6185	1.2000e-004	0.0135	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0264	0.0264	7.0000e-005	0.0000	0.0281
Energy	0.0277	0.2522	0.2118	1.5100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	1,504.0017	1,504.0017	0.0735	0.0192	1,511.5462
Mobile	1.9457	10.2818	26.2350	0.1221	12.2605	0.0777	12.3382	3.2851	0.0721	3.3572	0.0000	11,344.4810	11,344.4810	0.4748	0.0000	11,356.3498
Waste						0.0000	0.0000		0.0000	0.0000	746.8017	0.0000	746.8017	44.1347	0.0000	1,850.1697
Water						0.0000	0.0000		0.0000	0.0000	15.0738	147.1650	162.2388	1.5564	0.0383	212.5463
Total	3.5920	10.5341	26.4603	0.1236	12.2605	0.0969	12.3574	3.2851	0.0913	3.3764	761.8756	12,995.6741	13,757.5497	46.2394	0.0574	14,930.6401

	ROG	NOx	CO	SO2	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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.9457	10.2818	26.2350	0.1221	12.2605	0.0777	12.3382	3.2851	0.0721	3.3572	0.0000	11,344.48 10	11,344.48 10	0.4748	0.0000	11,356.34 98
Unmitigated	1.9457	10.2818	26.2350	0.1221	12.2605	0.0777	12.3382	3.2851	0.0721	3.3572	0.0000	11,344.48 10	11,344.48 10	0.4748	0.0000	11,356.34 98

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Medical Office Building	3,992.30	990.60	171.60	10,432,889	10,432,889
Medical Office Building	1,535.50	381.00	66.00	4,012,650	4,012,650
Medical Office Building	5,444.88	1,351.03	234.04	14,228,855	14,228,855
Medical Office Building	1,274.47	316.23	54.78	3,330,499	3,330,499
Parking Lot	0.00	0.00	0.00		
Strip Mall	98.00	92.97	45.17	309,530	309,530
Total	12,345.15	3,131.82	571.59	32,314,423	32,314,423

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
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10

Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812
Medical Office Building	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812
Parking Lot	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812
Strip Mall	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812

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	1,229.4705	1,229.4705	0.0682	0.0141	1,235.3836
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,229.4705	1,229.4705	0.0682	0.0141	1,235.3836
NaturalGas Mitigated	0.0277	0.2522	0.2118	1.5100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	274.5312	274.5312	5.2600e-003	5.0300e-003	276.1626
NaturalGas Unmitigated	0.0277	0.2522	0.2118	1.5100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	274.5312	274.5312	5.2600e-003	5.0300e-003	276.1626

5.2 Energy by Land Use - NaturalGas Unmitigated

	Natural Gas 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					
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
Medical Office Building	1.677e+006	9.0400e-003	0.0822	0.0691	4.9000e-004		6.2500e-003	6.2500e-003		6.2500e-003	6.2500e-003	0.0000	89.4911	89.4911	1.7200e-003	1.6400e-003	90.0229
Medical Office Building	2.28717e+006	0.0123	0.1121	0.0942	6.7000e-004		8.5200e-003	8.5200e-003		8.5200e-003	8.5200e-003	0.0000	122.0521	122.0521	2.3400e-003	2.2400e-003	122.7774
Medical Office Building	535350	2.8900e-003	0.0262	0.0220	1.6000e-004		1.9900e-003	1.9900e-003		1.9900e-003	1.9900e-003	0.0000	28.5683	28.5683	5.5000e-004	5.2000e-004	28.7381
Medical Office Building	645000	3.4800e-003	0.0316	0.0266	1.9000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	34.4197	34.4197	6.6000e-004	6.3000e-004	34.6242
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	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		0.0277	0.2522	0.2118	1.5100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	274.5312	274.5312	5.2700e-003	5.0300e-003	276.1626

Mitigated

	Natural Gas 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					
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
Medical Office Building	2.28717e+006	0.0123	0.1121	0.0942	6.7000e-004		8.5200e-003	8.5200e-003		8.5200e-003	8.5200e-003	0.0000	122.0521	122.0521	2.3400e-003	2.2400e-003	122.7774
Medical Office Building	535350	2.8900e-003	0.0262	0.0220	1.6000e-004		1.9900e-003	1.9900e-003		1.9900e-003	1.9900e-003	0.0000	28.5683	28.5683	5.5000e-004	5.2000e-004	28.7381
Medical Office Building	645000	3.4800e-003	0.0316	0.0266	1.9000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	34.4197	34.4197	6.6000e-004	6.3000e-004	34.6242
Medical Office Building	1.677e+006	9.0400e-003	0.0822	0.0691	4.9000e-004		6.2500e-003	6.2500e-003		6.2500e-003	6.2500e-003	0.0000	89.4911	89.4911	1.7200e-003	1.6400e-003	90.0229
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	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		0.0277	0.2522	0.2118	1.5100e-003		0.0192	0.0192		0.0192	0.0192	0.0000	274.5312	274.5312	5.2700e-003	5.0300e-003	276.1626
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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			
Enclosed Parking with Elevator	159120	37.7125	2.0900e-003	4.3000e-004	37.8939
Enclosed Parking with Elevator	299780	71.0498	3.9400e-003	8.2000e-004	71.3915
Enclosed Parking with Elevator	393640	93.2953	5.1800e-003	1.0700e-003	93.7440
Medical Office Building	1.4131e+06	334.9140	0.0186	3.8500e-003	336.5247
Medical Office Building	1.92725e+006	456.7711	0.0254	5.2500e-003	458.9679
Medical Office Building	451105	106.9148	5.9300e-003	1.2300e-003	107.4290
Medical Office Building	543500	128.8131	7.1500e-003	1.4800e-003	129.4326
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		1,229.4705	0.0682	0.0141	1,235.3836

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	159120	37.7125	2.0900e-003	4.3000e-004	37.8939

Enclosed Parking with Elevator	299780	71.0498	3.9400e-003	8.2000e-004	71.3915
Enclosed Parking with Elevator	393640	93.2953	5.1800e-003	1.0700e-003	93.7440
Medical Office Building	1.4131e+06	334.9140	0.0186	3.8500e-003	336.5247
Medical Office Building	1.92725e+06	456.7711	0.0254	5.2500e-003	458.9679
Medical Office Building	451105	106.9148	5.9300e-003	1.2300e-003	107.4290
Medical Office Building	543500	128.8131	7.1500e-003	1.4800e-003	129.4326
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		1,229.4705	0.0682	0.0141	1,235.3836

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.6185	1.2000e-004	0.0135	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0264	0.0264	7.0000e-005	0.0000	0.0281
Unmitigated	1.6185	1.2000e-004	0.0135	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0264	0.0264	7.0000e-005	0.0000	0.0281

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1254					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.4919					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.2300e-003	1.2000e-004	0.0135	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0264	0.0264	7.0000e-005	0.0000	0.0281
Total	1.6185	1.2000e-004	0.0135	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0264	0.0264	7.0000e-005	0.0000	0.0281

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1254					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.4919					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.2300e-003	1.2000e-004	0.0135	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0264	0.0264	7.0000e-005	0.0000	0.0281
Total	1.6185	1.2000e-004	0.0135	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0264	0.0264	7.0000e-005	0.0000	0.0281

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e

Category	MT/yr			
Mitigated	162.2388	1.5564	0.0383	212.5463
Unmitigated	162.2388	1.5564	0.0383	212.5463

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0.157315 / 0	0.5354	5.1500e-003	1.3000e-004	0.7020
Medical Office Building	47.3287 / 0.203187	161.6094	1.5503	0.0381	211.7212
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.0275332 /	0.0940	9.0000e-004	2.0000e-005	0.1232
Total		162.2388	1.5564	0.0383	212.5463

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0.157315 / 0	0.5354	5.1500e-003	1.3000e-004	0.7020
Medical Office Building	47.3287 / 0.203187	161.6094	1.5503	0.0381	211.7212
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000

Strip Mall	0.0275332 /	0.0940	9.0000e- 004	2.0000e- 005	0.1232
Total		162.2388	1.5564	0.0383	212.5463

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	746.8017	44.1347	0.0000	1,850.1697
Unmitigated	746.8017	44.1347	0.0000	1,850.1697

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	113.24	22.9867	1.3585	0.0000	56.9486
Medical Office Building	3542.83	719.1625	42.5013	0.0000	1,781.6946
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	22.92	4.6526	0.2750	0.0000	11.5265

Total		746.8017	44.1347	0.0000	1,850.1697
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Mitigated

Land Use	Waste Disposed tons	Total CO2 MT/yr	CH4 MT/yr	N2O MT/yr	CO2e MT/yr
Enclosed Parking with Elevator	113.24	22.9867	1.3585	0.0000	56.9486
Medical Office Building	3542.83	719.1625	42.5013	0.0000	1,781.6946
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	22.92	4.6526	0.2750	0.0000	11.5265
Total		746.8017	44.1347	0.0000	1,850.1697

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Kaiser LAMC - Phase 3 (Option A) Development Operations - Los Angeles-South Coast County, Summer

Kaiser LAMC - Phase 3 (Option A) Development Operations
Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	130.00	1000sqft	2.98	130,000.00	0
Medical Office Building	50.00	1000sqft	1.15	50,000.00	0
Medical Office Building	177.30	1000sqft	4.07	177,300.00	0
Medical Office Building	41.50	1000sqft	0.95	41,500.00	0
Enclosed Parking with Elevator	302.80	1000sqft	6.95	302,800.00	0
Enclosed Parking with Elevator	230.60	1000sqft	5.29	230,600.00	0
Enclosed Parking with Elevator	122.40	1000sqft	2.81	122,400.00	0
Parking Lot	6.00	Space	0.05	2,400.00	0
Strip Mall	2.30	1000sqft	0.05	2,300.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2030
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	522.51	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP CO2 Intensity Factor adjusted for year 2030 based on 60% RPS requirement per SB 100

Land Use - All land uses constructed in Phases 1 through 3 (Option A). Acreages based on CalEEMod defaults

Construction Phase - Modeling operations only

Vehicle Trips - Weekday trip rates and pass-by % based on LLG TIS. Adjusted Saturday and Sunday trip rates based on weekday factor

Woodstoves - N/A

Area Coating - Adjusted non-residential interior VOC to 50 g/L per Rule 1113

Energy Use - Proposed energy usage based on Ted Jacobs building load estimates

Water And Wastewater - Water use data based on LADWP WSA

Solid Waste - Solid waste based on assumptions of EIR

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblEnergyUse	LightingElect	1.75	0.39
tblEnergyUse	LightingElect	3.77	3.15
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	6.26	0.00
tblEnergyUse	NT24E	0.19	0.04
tblEnergyUse	NT24E	4.62	3.87
tblEnergyUse	NT24E	3.23	0.00
tblEnergyUse	NT24NG	0.39	0.48
tblEnergyUse	NT24NG	0.49	0.00
tblEnergyUse	T24E	3.92	0.87
tblEnergyUse	T24E	4.60	3.85
tblEnergyUse	T24E	4.01	0.00
tblEnergyUse	T24NG	10.02	12.42
tblEnergyUse	T24NG	1.15	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	522.51
tblSolidWaste	SolidWasteGenerationRate	0.00	113.24
tblSolidWaste	SolidWasteGenerationRate	4,307.04	3,542.83
tblSolidWaste	SolidWasteGenerationRate	2.42	22.92
tblVehicleTrips	DV_TP	30.00	0.00

tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	60.00	90.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	8.96	7.62
tblVehicleTrips	ST_TR	42.04	40.42
tblVehicleTrips	SU_TR	1.55	1.32
tblVehicleTrips	SU_TR	20.43	19.64
tblVehicleTrips	WD_TR	36.13	30.71
tblVehicleTrips	WD_TR	44.32	42.61
tblWater	IndoorWaterUseRate	0.00	157,315.00
tblWater	IndoorWaterUseRate	50,041,638.38	47,328,661.78
tblWater	IndoorWaterUseRate	170,366.80	27,533.22
tblWater	OutdoorWaterUseRate	9,531,740.64	203,186.80
tblWater	OutdoorWaterUseRate	104,418.36	118.20

2.0 Emissions Summary

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	8.8716	9.7000e-004	0.1080	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2326	0.2326	6.0000e-004		0.2476
Energy	0.1520	1.3818	1.1607	8.2900e-003		0.1050	0.1050		0.1050	0.1050		1,658.1853	1,658.1853	0.0318	0.0304	1,668.0391
Mobile	14.8945	72.2408	198.1423	0.9167	90.7259	0.5638	91.2897	24.2697	0.5234	24.7931		93,830.6407	93,830.6407	3.8099		93,925.8881
Total	23.9181	73.6236	199.4110	0.9250	90.7259	0.6692	91.3951	24.2697	0.6288	24.8985		95,489.0587	95,489.0587	3.8423	0.0304	95,594.1748

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	8.8716	9.7000e-004	0.1080	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2326	0.2326	6.0000e-004		0.2476
Energy	0.1520	1.3818	1.1607	8.2900e-003		0.1050	0.1050		0.1050	0.1050		1,658.1853	1,658.1853	0.0318	0.0304	1,668.0391
Mobile	14.8945	72.2408	198.1423	0.9167	90.7259	0.5638	91.2897	24.2697	0.5234	24.7931		93,830.6407	93,830.6407	3.8099		93,925.8881
Total	23.9181	73.6236	199.4110	0.9250	90.7259	0.6692	91.3951	24.2697	0.6288	24.8985		95,489.0587	95,489.0587	3.8423	0.0304	95,594.1748

	ROG	NOx	CO	SO2	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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	14.8945	72.2408	198.1423	0.9167	90.7259	0.5638	91.2897	24.2697	0.5234	24.7931		93,830.6407	93,830.6407	3.8099		93,925.8881
Unmitigated	14.8945	72.2408	198.1423	0.9167	90.7259	0.5638	91.2897	24.2697	0.5234	24.7931		93,830.6407	93,830.6407	3.8099		93,925.8881

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Medical Office Building	3,992.30	990.60	171.60	10,432,889	10,432,889
Medical Office Building	1,535.50	381.00	66.00	4,012,650	4,012,650
Medical Office Building	5,444.88	1,351.03	234.04	14,228,855	14,228,855
Medical Office Building	1,274.47	316.23	54.78	3,330,499	3,330,499
Parking Lot	0.00	0.00	0.00		
Strip Mall	98.00	92.97	45.17	309,530	309,530
Total	12,345.15	3,131.82	571.59	32,314,423	32,314,423

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	100	0	0
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4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812
Medical Office Building	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812
Parking Lot	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812
Strip Mall	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1520	1.3818	1.1607	8.2900e-003		0.1050	0.1050		0.1050	0.1050		1,658.1853	1,658.1853	0.0318	0.0304	1,668.0391
NaturalGas Unmitigated	0.1520	1.3818	1.1607	8.2900e-003		0.1050	0.1050		0.1050	0.1050		1,658.1853	1,658.1853	0.0318	0.0304	1,668.0391

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					

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	0.0000	
Medical Office Building	1466.71	0.0158	0.1438	0.1208	8.6000e-004	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	172.5544	172.5544	3.3100e-003	3.1600e-003	173.5798	
Medical Office Building	1767.12	0.0191	0.1733	0.1455	1.0400e-003	0.0132	0.0132	0.0132	0.0132	0.0132	0.0132	207.8969	207.8969	3.9800e-003	3.8100e-003	209.1323	
Medical Office Building	4594.52	0.0496	0.4504	0.3784	2.7000e-003	0.0342	0.0342	0.0342	0.0342	0.0342	0.0342	540.5318	540.5318	0.0104	9.9100e-003	543.7439	
Medical Office Building	6266.22	0.0676	0.6143	0.5160	3.6900e-003	0.0467	0.0467	0.0467	0.0467	0.0467	0.0467	737.2023	737.2023	0.0141	0.0135	741.5831	
Parking Lot	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Strip Mall	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	0.0000	
Total		0.1520	1.3818	1.1607	8.2900e-003		0.1050	0.1050		0.1050	0.1050		1,658.1853	1,658.1853	0.0318	0.0304	1,668.0391

Mitigated

	Natural Gas 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					
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	0.0000	0.0000
Medical Office Building	4.59452	0.0496	0.4504	0.3784	2.7000e-003	0.0342	0.0342	0.0342	0.0342	0.0342	0.0342	540.5318	540.5318	0.0104	9.9100e-003	543.7439	
Medical Office Building	6.26622	0.0676	0.6143	0.5160	3.6900e-003	0.0467	0.0467	0.0467	0.0467	0.0467	0.0467	737.2023	737.2023	0.0141	0.0135	741.5831	
Medical Office Building	1.46671	0.0158	0.1438	0.1208	8.6000e-004	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	172.5544	172.5544	3.3100e-003	3.1600e-003	173.5798	
Medical Office Building	1.76712	0.0191	0.1733	0.1455	1.0400e-003	0.0132	0.0132	0.0132	0.0132	0.0132	0.0132	207.8969	207.8969	3.9800e-003	3.8100e-003	209.1323	
Parking Lot	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Strip Mall	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	0.0000	
Total		0.1520	1.3818	1.1607	8.2900e-003		0.1050	0.1050		0.1050	0.1050		1,658.1853	1,658.1853	0.0318	0.0304	1,668.0391

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	8.8716	9.7000e-004	0.1080	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2326	0.2326	6.0000e-004		0.2476
Unmitigated	8.8716	9.7000e-004	0.1080	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2326	0.2326	6.0000e-004		0.2476

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	0.6868					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	8.1749					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.8800e-003	9.7000e-004	0.1080	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2326	0.2326	6.0000e-004		0.2476
Total	8.8716	9.7000e-004	0.1080	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2326	0.2326	6.0000e-004		0.2476

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	0.6868					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	8.1749					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.8800e-003	9.7000e-004	0.1080	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2326	0.2326	6.0000e-004		0.2476
Total	8.8716	9.7000e-004	0.1080	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2326	0.2326	6.0000e-004		0.2476

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Kaiser LAMC - Phase 3 (Option A) Development Operations - Los Angeles-South Coast County, Winter

Kaiser LAMC - Phase 3 (Option A) Development Operations
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	130.00	1000sqft	2.98	130,000.00	0
Medical Office Building	50.00	1000sqft	1.15	50,000.00	0
Medical Office Building	177.30	1000sqft	4.07	177,300.00	0
Medical Office Building	41.50	1000sqft	0.95	41,500.00	0
Enclosed Parking with Elevator	302.80	1000sqft	6.95	302,800.00	0
Enclosed Parking with Elevator	230.60	1000sqft	5.29	230,600.00	0
Enclosed Parking with Elevator	122.40	1000sqft	2.81	122,400.00	0
Parking Lot	6.00	Space	0.05	2,400.00	0
Strip Mall	2.30	1000sqft	0.05	2,300.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2030
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	522.51	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP CO2 Intensity Factor adjusted for year 2030 based on 60% RPS requirement per SB 100

Land Use - All land uses constructed in Phases 1 through 3 (Option A). Acreages based on CalEEMod defaults

Construction Phase - Modeling operations only

Vehicle Trips - Weekday trip rates and pass-by % based on LLG TIS. Adjusted Saturday and Sunday trip rates based on weekday factor

Woodstoves - N/A

Area Coating - Adjusted non-residential interior VOC to 50 g/L per Rule 1113

Energy Use - Proposed energy usage based on Ted Jacobs building load estimates

Water And Wastewater - Water use data based on LADWP WSA

Solid Waste - Solid waste based on assumptions of EIR

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblEnergyUse	LightingElect	1.75	0.39
tblEnergyUse	LightingElect	3.77	3.15
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	6.26	0.00
tblEnergyUse	NT24E	0.19	0.04
tblEnergyUse	NT24E	4.62	3.87
tblEnergyUse	NT24E	3.23	0.00
tblEnergyUse	NT24NG	0.39	0.48
tblEnergyUse	NT24NG	0.49	0.00
tblEnergyUse	T24E	3.92	0.87
tblEnergyUse	T24E	4.60	3.85
tblEnergyUse	T24E	4.01	0.00
tblEnergyUse	T24NG	10.02	12.42
tblEnergyUse	T24NG	1.15	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	522.51
tblSolidWaste	SolidWasteGenerationRate	0.00	113.24
tblSolidWaste	SolidWasteGenerationRate	4,307.04	3,542.83
tblSolidWaste	SolidWasteGenerationRate	2.42	22.92
tblVehicleTrips	DV_TP	30.00	0.00

tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	60.00	90.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	8.96	7.62
tblVehicleTrips	ST_TR	42.04	40.42
tblVehicleTrips	SU_TR	1.55	1.32
tblVehicleTrips	SU_TR	20.43	19.64
tblVehicleTrips	WD_TR	36.13	30.71
tblVehicleTrips	WD_TR	44.32	42.61
tblWater	IndoorWaterUseRate	0.00	157,315.00
tblWater	IndoorWaterUseRate	50,041,638.38	47,328,661.78
tblWater	IndoorWaterUseRate	170,366.80	27,533.22
tblWater	OutdoorWaterUseRate	9,531,740.64	203,186.80
tblWater	OutdoorWaterUseRate	104,418.36	118.20

2.0 Emissions Summary

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	8.8716	9.7000e-004	0.1080	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2326	0.2326	6.0000e-004		0.2476
Energy	0.1520	1.3818	1.1607	8.2900e-003		0.1050	0.1050		0.1050	0.1050		1,658.1853	1,658.1853	0.0318	0.0304	1,668.0391
Mobile	14.4413	73.4168	187.7020	0.8740	90.7259	0.5653	91.2912	24.2697	0.5249	24.7946		89,524.0584	89,524.0584	3.8191		89,619.5354
Total	23.4650	74.7996	188.9707	0.8823	90.7259	0.6707	91.3966	24.2697	0.6303	24.9000		91,182.4764	91,182.4764	3.8515	0.0304	91,287.8221

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	8.8716	9.7000e-004	0.1080	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2326	0.2326	6.0000e-004		0.2476
Energy	0.1520	1.3818	1.1607	8.2900e-003		0.1050	0.1050		0.1050	0.1050		1,658.1853	1,658.1853	0.0318	0.0304	1,668.0391
Mobile	14.4413	73.4168	187.7020	0.8740	90.7259	0.5653	91.2912	24.2697	0.5249	24.7946		89,524.0584	89,524.0584	3.8191		89,619.5354
Total	23.4650	74.7996	188.9707	0.8823	90.7259	0.6707	91.3966	24.2697	0.6303	24.9000		91,182.4764	91,182.4764	3.8515	0.0304	91,287.8221

	ROG	NOx	CO	SO2	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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	14.4413	73.4168	187.7020	0.8740	90.7259	0.5653	91.2912	24.2697	0.5249	24.7946		89,524.05	89,524.05	3.8191		89,619.53
												84	84			54
Unmitigated	14.4413	73.4168	187.7020	0.8740	90.7259	0.5653	91.2912	24.2697	0.5249	24.7946		89,524.05	89,524.05	3.8191		89,619.53
												84	84			54

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Medical Office Building	3,992.30	990.60	171.60	10,432,889	10,432,889
Medical Office Building	1,535.50	381.00	66.00	4,012,650	4,012,650
Medical Office Building	5,444.88	1,351.03	234.04	14,228,855	14,228,855
Medical Office Building	1,274.47	316.23	54.78	3,330,499	3,330,499
Parking Lot	0.00	0.00	0.00		
Strip Mall	98.00	92.97	45.17	309,530	309,530
Total	12,345.15	3,131.82	571.59	32,314,423	32,314,423

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	100	0	0
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4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812
Medical Office Building	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812
Parking Lot	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812
Strip Mall	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1520	1.3818	1.1607	8.2900e-003		0.1050	0.1050		0.1050	0.1050		1,658.1853	1,658.1853	0.0318	0.0304	1,668.0391
NaturalGas Unmitigated	0.1520	1.3818	1.1607	8.2900e-003		0.1050	0.1050		0.1050	0.1050		1,658.1853	1,658.1853	0.0318	0.0304	1,668.0391

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					

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	0.0000	
Medical Office Building	1466.71	0.0158	0.1438	0.1208	8.6000e-004	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	172.5544	172.5544	3.3100e-003	3.1600e-003	173.5798	
Medical Office Building	1767.12	0.0191	0.1733	0.1455	1.0400e-003	0.0132	0.0132	0.0132	0.0132	0.0132	0.0132	207.8969	207.8969	3.9800e-003	3.8100e-003	209.1323	
Medical Office Building	4594.52	0.0496	0.4504	0.3784	2.7000e-003	0.0342	0.0342	0.0342	0.0342	0.0342	0.0342	540.5318	540.5318	0.0104	9.9100e-003	543.7439	
Medical Office Building	6266.22	0.0676	0.6143	0.5160	3.6900e-003	0.0467	0.0467	0.0467	0.0467	0.0467	0.0467	737.2023	737.2023	0.0141	0.0135	741.5831	
Parking Lot	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Strip Mall	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	0.0000	
Total		0.1520	1.3818	1.1607	8.2900e-003		0.1050	0.1050		0.1050	0.1050		1,658.1853	1,658.1853	0.0318	0.0304	1,668.0391

Mitigated

	Natural Gas 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					
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	0.0000	0.0000
Medical Office Building	4.59452	0.0496	0.4504	0.3784	2.7000e-003	0.0342	0.0342	0.0342	0.0342	0.0342	0.0342	540.5318	540.5318	0.0104	9.9100e-003	543.7439	
Medical Office Building	6.26622	0.0676	0.6143	0.5160	3.6900e-003	0.0467	0.0467	0.0467	0.0467	0.0467	0.0467	737.2023	737.2023	0.0141	0.0135	741.5831	
Medical Office Building	1.46671	0.0158	0.1438	0.1208	8.6000e-004	0.0109	0.0109	0.0109	0.0109	0.0109	0.0109	172.5544	172.5544	3.3100e-003	3.1600e-003	173.5798	
Medical Office Building	1.76712	0.0191	0.1733	0.1455	1.0400e-003	0.0132	0.0132	0.0132	0.0132	0.0132	0.0132	207.8969	207.8969	3.9800e-003	3.8100e-003	209.1323	
Parking Lot	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Strip Mall	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	0.0000	
Total		0.1520	1.3818	1.1607	8.2900e-003		0.1050	0.1050		0.1050	0.1050		1,658.1853	1,658.1853	0.0318	0.0304	1,668.0391

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	8.8716	9.7000e-004	0.1080	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2326	0.2326	6.0000e-004		0.2476
Unmitigated	8.8716	9.7000e-004	0.1080	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2326	0.2326	6.0000e-004		0.2476

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	0.6868					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	8.1749					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.8800e-003	9.7000e-004	0.1080	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2326	0.2326	6.0000e-004		0.2476
Total	8.8716	9.7000e-004	0.1080	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2326	0.2326	6.0000e-004		0.2476

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	0.6868					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	8.1749					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.8800e-003	9.7000e-004	0.1080	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2326	0.2326	6.0000e-004		0.2476
Total	8.8716	9.7000e-004	0.1080	1.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004		0.2326	0.2326	6.0000e-004		0.2476

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Kaiser LAMC - Phase 3 (Option A) Development Operations Los Angeles-South Coast County, Mitigation Report

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.11	0.33		
No	Land Use	Improve Walkability Design	0.00			

No	Land Use	Improve Destination Accessibility	0.00		
No	Land Use	Increase Transit Accessibility	0.25		
No	Land Use	Integrate Below Market Rate Housing	0.00		
	Land Use	Land Use SubTotal	0.00		
No	Neighborhood Enhancements	Improve Pedestrian Network			
No	Neighborhood Enhancements	Provide Traffic Calming Measures			
No	Neighborhood Enhancements	Implement NEV Network	0.00		
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00		
No	Parking Policy Pricing	Limit Parking Supply	0.00		
No	Parking Policy Pricing	Unbundle Parking Costs	0.00		
No	Parking Policy Pricing	On-street Market Pricing	0.00		
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00		
No	Transit Improvements	Provide BRT System	0.00		
No	Transit Improvements	Expand Transit Network	0.00		
No	Transit Improvements	Increase Transit Frequency	0.00		
	Transit Improvements	Transit Improvements Subtotal	0.00		
		Land Use and Site Enhancement Subtotal	0.00		
No	Commute	Implement Trip Reduction Program			
No	Commute	Transit Subsidy			
No	Commute	Implement Employee Parking "Cash Out"			
No	Commute	Workplace Parking Charge			
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00		
No	Commute	Market Commute Trip Reduction Option	0.00		
No	Commute	Employee Vanpool/Shuttle	0.00		2.00
No	Commute	Provide Ride Sharing Program			

	Commute	Commute Subtotal	0.00		
No	School Trip	Implement School Bus Program	0.00		
		Total VMT Reduction	0.00		

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	50.00
No	Use Low VOC Paint (Residential Exterior)	50.00
No	Use Low VOC Paint (Non-residential Interior)	50.00
No	Use Low VOC Paint (Non-residential Exterior)	100.00
No	Use Low VOC Paint (Parking)	100.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00

Fan	50.00
Refrigerator	15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services Percent Reduction in Waste Disposed	

Kaiser LAMC - Phase 2 (Option B) Development Operations - Los Angeles-South Coast County, Annual

**Kaiser LAMC - Phase 2 (Option B) Development Operations
Los Angeles-South Coast County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hospital	105.00	Bed	1.73	177,300.00	0
Medical Office Building	130.00	1000sqft	2.98	130,000.00	0
Medical Office Building	50.00	1000sqft	1.15	50,000.00	0
Enclosed Parking with Elevator	302.80	1000sqft	6.95	302,800.00	0
Enclosed Parking with Elevator	230.60	1000sqft	5.29	230,600.00	0
Parking Lot	0.30	Acre	0.30	13,068.00	0
Parking Lot	6.00	Space	0.05	2,400.00	0
Strip Mall	2.30	1000sqft	0.05	2,300.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2028
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	627.01	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP CO2 Intensity Factor adjusted for year based on 52% RPS by 2027 requirement per SB 100

Land Use - Existing land uses still to be demoed = 0.3 acre parking lot. All other uses constructed in Phases 1 and 2 (Option B). Acreages based on CalEEMod defaults

Construction Phase - Modeling operations only

Off-road Equipment - Modeling operations only

Vehicle Trips - Weekday trip rates and pass-by % based on LLG TIS. Adjusted Saturday and Sunday trip rates based on weekday factor

Woodstoves - N/A

Area Coating - Adjusted non-residential interior VOC to 50 g/L per Rule 1113

Energy Use - Proposed energy usage based on Ted Jacobs building load estimates

Water And Wastewater - Water use data based on LADWP WSA

Solid Waste - Solid waste based on assumptions of EIR

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblEnergyUse	LightingElect	1.75	0.39
tblEnergyUse	LightingElect	5.31	3.26
tblEnergyUse	LightingElect	3.77	3.15
tblEnergyUse	LightingElect	0.35	0.30
tblEnergyUse	LightingElect	6.26	0.00
tblEnergyUse	NT24E	0.19	0.04
tblEnergyUse	NT24E	7.55	4.63
tblEnergyUse	NT24E	4.62	3.87
tblEnergyUse	NT24E	3.23	0.00
tblEnergyUse	NT24NG	9.82	2.35
tblEnergyUse	NT24NG	0.39	0.48
tblEnergyUse	NT24NG	0.49	0.00
tblEnergyUse	T24E	3.92	0.87
tblEnergyUse	T24E	9.96	6.11
tblEnergyUse	T24E	4.60	3.85
tblEnergyUse	T24E	4.01	0.00
tblEnergyUse	T24NG	54.94	13.15
tblEnergyUse	T24NG	10.02	12.42
tblEnergyUse	T24NG	1.15	0.00
tblLandUse	LandUseSquareFeet	75,154.55	177,300.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	627.01
tblSolidWaste	SolidWasteGenerationRate	0.00	92.11
tblSolidWaste	SolidWasteGenerationRate	306.60	1,025.47
tblSolidWaste	SolidWasteGenerationRate	1,944.00	1,599.07
tblSolidWaste	SolidWasteGenerationRate	2.42	22.92
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	73.00	100.00
tblVehicleTrips	PR_TP	60.00	90.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	8.14	6.92
tblVehicleTrips	ST_TR	8.96	7.62
tblVehicleTrips	ST_TR	42.04	40.42
tblVehicleTrips	SU_TR	7.19	6.11
tblVehicleTrips	SU_TR	1.55	1.32
tblVehicleTrips	SU_TR	20.43	19.64
tblVehicleTrips	WD_TR	12.94	11.00
tblVehicleTrips	WD_TR	36.13	30.71
tblVehicleTrips	WD_TR	44.32	42.61
tblWater	IndoorWaterUseRate	0.00	127,957.13
tblWater	IndoorWaterUseRate	9,430,432.76	11,602,008.29
tblWater	IndoorWaterUseRate	22,586,496.76	21,361,983.75
tblWater	IndoorWaterUseRate	170,366.80	27,530.63
tblWater	OutdoorWaterUseRate	1,796,272.91	32,328.51
tblWater	OutdoorWaterUseRate	4,302,189.86	91,709.19
tblWater	OutdoorWaterUseRate	104,418.36	118.20

2.0 Emissions Summary

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	1.4477	1.0000e-004	0.0105	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0205	0.0205	5.0000e-005	0.0000	0.0219
Energy	0.0273	0.2485	0.2088	1.4900e-003		0.0189	0.0189		0.0189	0.0189	0.0000	1,731.5213	1,731.5213	0.0728	0.0189	1,738.9845
Mobile	1.2404	6.2802	17.2682	0.0770	7.4917	0.0536	7.5452	2.0074	0.0498	2.0572	0.0000	7,142.4102	7,142.4102	0.3079	0.0000	7,150.1072
Waste						0.0000	0.0000		0.0000	0.0000	556.1080	0.0000	556.1080	32.8650	0.0000	1,377.7339
Water						0.0000	0.0000		0.0000	0.0000	10.5073	123.0424	133.5497	1.0849	0.0267	168.6165
Total	2.7154	6.5289	17.4875	0.0785	7.4917	0.0725	7.5642	2.0074	0.0687	2.0761	566.6152	8,996.9945	9,563.6097	34.3306	0.0456	10,435.4640

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	1.4477	1.0000e-004	0.0105	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0205	0.0205	5.0000e-005	0.0000	0.0219
Energy	0.0273	0.2485	0.2088	1.4900e-003		0.0189	0.0189		0.0189	0.0189	0.0000	1,731.5213	1,731.5213	0.0728	0.0189	1,738.9845
Mobile	1.2404	6.2802	17.2682	0.0770	7.4917	0.0536	7.5452	2.0074	0.0498	2.0572	0.0000	7,142.4102	7,142.4102	0.3079	0.0000	7,150.1072
Waste						0.0000	0.0000		0.0000	0.0000	556.1080	0.0000	556.1080	32.8650	0.0000	1,377.7339
Water						0.0000	0.0000		0.0000	0.0000	10.5073	123.0424	133.5497	1.0849	0.0267	168.6165
Total	2.7154	6.5289	17.4875	0.0785	7.4917	0.0725	7.5642	2.0074	0.0687	2.0761	566.6152	8,996.9945	9,563.6097	34.3306	0.0456	10,435.4640

	ROG	NOx	CO	SO2	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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.2404	6.2802	17.2682	0.0770	7.4917	0.0536	7.5452	2.0074	0.0498	2.0572	0.0000	7,142.410 2	7,142.410 2	0.3079	0.0000	7,150.107 2
Unmitigated	1.2404	6.2802	17.2682	0.0770	7.4917	0.0536	7.5452	2.0074	0.0498	2.0572	0.0000	7,142.410 2	7,142.410 2	0.3079	0.0000	7,150.107 2

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Hospital	1,154.79	726.39	641.66	4,990,209	4,990,209
Medical Office Building	3,992.30	990.60	171.60	10,432,889	10,432,889
Medical Office Building	1,535.50	381.00	66.00	4,012,650	4,012,650
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Strip Mall	98.00	92.97	45.17	309,530	309,530
Total	6,780.59	2,190.96	924.43	19,745,278	19,745,278

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Hospital	16.60	8.40	6.90	64.90	16.10	19.00	100	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Hospital	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Medical Office Building	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Parking Lot	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Strip Mall	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821

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	1,460.9588	1,460.9588	0.0676	0.0140	1,466.8142
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,460.9588	1,460.9588	0.0676	0.0140	1,466.8142
NaturalGas Mitigated	0.0273	0.2485	0.2088	1.4900e-003		0.0189	0.0189		0.0189	0.0189	0.0000	270.5625	270.5625	5.1900e-003	4.9600e-003	272.1703
NaturalGas Unmitigated	0.0273	0.2485	0.2088	1.4900e-003		0.0189	0.0189		0.0189	0.0189	0.0000	270.5625	270.5625	5.1900e-003	4.9600e-003	272.1703

5.2 Energy by Land Use - NaturalGas Unmitigated

	Natural Gas 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					
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
Hospital	2.74815e+006	0.0148	0.1347	0.1132	8.1000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	146.6518	146.6518	2.8100e-003	2.6900e-003	147.5232
Medical Office Building	1.677e+006	9.0400e-003	0.0822	0.0691	4.9000e-004		6.2500e-003	6.2500e-003		6.2500e-003	6.2500e-003	0.0000	89.4911	89.4911	1.7200e-003	1.6400e-003	90.0229
Medical Office Building	645000	3.4800e-003	0.0316	0.0266	1.9000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	34.4197	34.4197	6.6000e-004	6.3000e-004	34.6242
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	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		0.0273	0.2485	0.2088	1.4900e-003		0.0189	0.0189		0.0189	0.0189	0.0000	270.5625	270.5625	5.1900e-003	4.9600e-003	272.1703

Mitigated

	Natural Gas 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					
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
Hospital	2.74815e+006	0.0148	0.1347	0.1132	8.1000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	146.6518	146.6518	2.8100e-003	2.6900e-003	147.5232
Medical Office Building	1.677e+006	9.0400e-003	0.0822	0.0691	4.9000e-004		6.2500e-003	6.2500e-003		6.2500e-003	6.2500e-003	0.0000	89.4911	89.4911	1.7200e-003	1.6400e-003	90.0229
Medical Office Building	645000	3.4800e-003	0.0316	0.0266	1.9000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	34.4197	34.4197	6.6000e-004	6.3000e-004	34.6242
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	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		0.0273	0.2485	0.2088	1.4900e-003		0.0189	0.0189		0.0189	0.0189	0.0000	270.5625	270.5625	5.1900e-003	4.9600e-003	272.1703

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	299780	85.2595	3.9400e-003	8.2000e-004	85.6012
Enclosed Parking with Elevator	393640	111.9540	5.1800e-003	1.0700e-003	112.4027
Hospital	2.4822e+006	705.9549	0.0327	6.7600e-003	708.7843
Medical Office Building	1.4131e+006	401.8955	0.0186	3.8500e-003	403.5062
Medical Office Building	543500	154.5752	7.1500e-003	1.4800e-003	155.1947
Parking Lot	3920.4	1.1150	5.0000e-005	1.0000e-005	1.1195
Parking Lot	720	0.2048	1.0000e-005	0.0000	0.2056
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		1,460.9588	0.0676	0.0140	1,466.8142

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	299780	85.2595	3.9400e-003	8.2000e-004	85.6012
Enclosed Parking with Elevator	393640	111.9540	5.1800e-003	1.0700e-003	112.4027
Hospital	2.4822e+006	705.9549	0.0327	6.7600e-003	708.7843
Medical Office Building	1.4131e+006	401.8955	0.0186	3.8500e-003	403.5062

Medical Office Building	543500	154.5752	7.1500e-003	1.4800e-003	155.1947
Parking Lot	3920.4	1.1150	5.0000e-005	1.0000e-005	1.1195
Parking Lot	720	0.2048	1.0000e-005	0.0000	0.2056
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		1,460.9588	0.0676	0.0140	1,466.8142

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.4477	1.0000e-004	0.0105	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0205	0.0205	5.0000e-005	0.0000	0.0219
Unmitigated	1.4477	1.0000e-004	0.0105	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0205	0.0205	5.0000e-005	0.0000	0.0219

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1118					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Consumer Products	1.3349					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Landscaping	9.7000e-004	1.0000e-004	0.0105	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0205	0.0205	5.0000e-005	0.0000	0.0219
Total	1.4477	1.0000e-004	0.0105	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0205	0.0205	5.0000e-005	0.0000	0.0219

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1118					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.3349					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	9.7000e-004	1.0000e-004	0.0105	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0205	0.0205	5.0000e-005	0.0000	0.0219
Total	1.4477	1.0000e-004	0.0105	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0205	0.0205	5.0000e-005	0.0000	0.0219

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	133.5497	1.0849	0.0267	168.6165
Unmitigated	133.5497	1.0849	0.0267	168.6165

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0.127957 / 0	0.5145	4.1900e-003	1.0000e-004	0.6499
Hospital	11.602 / 0.0323285	46.7482	0.3800	9.3400e-003	59.0323
Medical Office Building	21.362 / 0.0917092	86.1760	0.6998	0.0172	108.7942
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.0275306 /	0.1111	9.0000e-004	2.0000e-005	0.1402
Total		133.5497	1.0849	0.0267	168.6165

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0.127957 / 0	0.5145	4.1900e-003	1.0000e-004	0.6499
Hospital	11.602 / 0.0323285	46.7482	0.3800	9.3400e-003	59.0323
Medical Office Building	21.362 / 0.0917092	86.1760	0.6998	0.0172	108.7942
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.0275306 /	0.1111	9.0000e-004	2.0000e-005	0.1402
Total		133.5497	1.0849	0.0267	168.6165

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	556.1080	32.8650	0.0000	1,377.7339
Unmitigated	556.1080	32.8650	0.0000	1,377.7339

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	92.11	18.6975	1.1050	0.0000	46.3223
Hospital	1025.47	208.1611	12.3020	0.0000	515.7104
Medical Office Building	1599.07	324.5968	19.1831	0.0000	804.1747
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	22.92	4.6526	0.2750	0.0000	11.5265
Total		556.1080	32.8650	0.0000	1,377.7339

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	92.11	18.6975	1.1050	0.0000	46.3223
Hospital	1025.47	208.1611	12.3020	0.0000	515.7104
Medical Office Building	1599.07	324.5968	19.1831	0.0000	804.1747
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	22.92	4.6526	0.2750	0.0000	11.5265
Total		556.1080	32.8650	0.0000	1,377.7339

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Kaiser LAMC - Phase 2 (Option B) Development Operations - Los Angeles-South Coast County, Summer

Kaiser LAMC - Phase 2 (Option B) Development Operations
Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hospital	105.00	Bed	1.73	177,300.00	0
Medical Office Building	130.00	1000sqft	2.98	130,000.00	0
Medical Office Building	50.00	1000sqft	1.15	50,000.00	0
Enclosed Parking with Elevator	302.80	1000sqft	6.95	302,800.00	0
Enclosed Parking with Elevator	230.60	1000sqft	5.29	230,600.00	0
Parking Lot	0.30	Acre	0.30	13,068.00	0
Parking Lot	6.00	Space	0.05	2,400.00	0
Strip Mall	2.30	1000sqft	0.05	2,300.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2028
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	627.01	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP CO2 Intensity Factor adjusted for year based on 52% RPS by 2027 requirement per SB 100

Land Use - Existing land uses still to be demoed = 0.3 acre parking lot. All other uses constructed in Phases 1 and 2 (Option B). Acreages based on CalEEMod defaults

Construction Phase - Modeling operations only

Off-road Equipment - Modeling operations only

Vehicle Trips - Weekday trip rates and pass-by % based on LLG TIS. Adjusted Saturday and Sunday trip rates based on weekday factor

Woodstoves - N/A

Area Coating - Adjusted non-residential interior VOC to 50 g/L per Rule 1113

Energy Use - Proposed energy usage based on Ted Jacobs building load estimates

Water And Wastewater - Water use data based on LADWP WSA

Solid Waste - Solid waste based on assumptions of EIR

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblEnergyUse	LightingElect	1.75	0.39
tblEnergyUse	LightingElect	5.31	3.26
tblEnergyUse	LightingElect	3.77	3.15
tblEnergyUse	LightingElect	0.35	0.30
tblEnergyUse	LightingElect	6.26	0.00
tblEnergyUse	NT24E	0.19	0.04
tblEnergyUse	NT24E	7.55	4.63
tblEnergyUse	NT24E	4.62	3.87
tblEnergyUse	NT24E	3.23	0.00
tblEnergyUse	NT24NG	9.82	2.35
tblEnergyUse	NT24NG	0.39	0.48
tblEnergyUse	NT24NG	0.49	0.00
tblEnergyUse	T24E	3.92	0.87
tblEnergyUse	T24E	9.96	6.11
tblEnergyUse	T24E	4.60	3.85
tblEnergyUse	T24E	4.01	0.00
tblEnergyUse	T24NG	54.94	13.15
tblEnergyUse	T24NG	10.02	12.42
tblEnergyUse	T24NG	1.15	0.00
tblLandUse	LandUseSquareFeet	75,154.55	177,300.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	627.01
tblSolidWaste	SolidWasteGenerationRate	0.00	92.11
tblSolidWaste	SolidWasteGenerationRate	306.60	1,025.47
tblSolidWaste	SolidWasteGenerationRate	1,944.00	1,599.07
tblSolidWaste	SolidWasteGenerationRate	2.42	22.92
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	73.00	100.00
tblVehicleTrips	PR_TP	60.00	90.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	8.14	6.92
tblVehicleTrips	ST_TR	8.96	7.62
tblVehicleTrips	ST_TR	42.04	40.42
tblVehicleTrips	SU_TR	7.19	6.11
tblVehicleTrips	SU_TR	1.55	1.32
tblVehicleTrips	SU_TR	20.43	19.64
tblVehicleTrips	WD_TR	12.94	11.00
tblVehicleTrips	WD_TR	36.13	30.71
tblVehicleTrips	WD_TR	44.32	42.61
tblWater	IndoorWaterUseRate	0.00	127,957.13
tblWater	IndoorWaterUseRate	9,430,432.76	11,602,008.29
tblWater	IndoorWaterUseRate	22,586,496.76	21,361,983.75
tblWater	IndoorWaterUseRate	170,366.80	27,530.63
tblWater	OutdoorWaterUseRate	1,796,272.91	32,328.51
tblWater	OutdoorWaterUseRate	4,302,189.86	91,709.19
tblWater	OutdoorWaterUseRate	104,418.36	118.20

2.0 Emissions Summary

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	7.9349	7.6000e-004	0.0842	1.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004		0.1810	0.1810	4.7000e-004		0.1928
Energy	0.1498	1.3619	1.1440	8.1700e-003		0.1035	0.1035		0.1035	0.1035		1,634.2143	1,634.2143	0.0313	0.0300	1,643.9257
Mobile	9.1721	42.4665	125.9291	0.5566	53.3504	0.3744	53.7248	14.2723	0.3477	14.6200		56,900.1342	56,900.1342	2.3852		56,959.7641
Total	17.2567	43.8291	127.1572	0.5648	53.3504	0.4782	53.8286	14.2723	0.4515	14.7238		58,534.5295	58,534.5295	2.4170	0.0300	58,603.8825

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	7.9349	7.6000e-004	0.0842	1.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004		0.1810	0.1810	4.7000e-004		0.1928
Energy	0.1498	1.3619	1.1440	8.1700e-003		0.1035	0.1035		0.1035	0.1035		1,634.2143	1,634.2143	0.0313	0.0300	1,643.9257
Mobile	9.1721	42.4665	125.9291	0.5566	53.3504	0.3744	53.7248	14.2723	0.3477	14.6200		56,900.1342	56,900.1342	2.3852		56,959.7641
Total	17.2567	43.8291	127.1572	0.5648	53.3504	0.4782	53.8286	14.2723	0.4515	14.7238		58,534.5295	58,534.5295	2.4170	0.0300	58,603.8825

	ROG	NOx	CO	SO2	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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9.1721	42.4665	125.9291	0.5566	53.3504	0.3744	53.7248	14.2723	0.3477	14.6200		56,900.13	56,900.13	2.3852		56,959.76
												42	42			41
Unmitigated	9.1721	42.4665	125.9291	0.5566	53.3504	0.3744	53.7248	14.2723	0.3477	14.6200		56,900.13	56,900.13	2.3852		56,959.76
												42	42			41

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Hospital	1,154.79	726.39	641.66	4,990,209	4,990,209
Medical Office Building	3,992.30	990.60	171.60	10,432,889	10,432,889
Medical Office Building	1,535.50	381.00	66.00	4,012,650	4,012,650
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Strip Mall	98.00	92.97	45.17	309,530	309,530
Total	6,780.59	2,190.96	924.43	19,745,278	19,745,278

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Hospital	16.60	8.40	6.90	64.90	16.10	19.00	100	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Hospital	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Medical Office Building	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Parking Lot	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Strip Mall	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1498	1.3619	1.1440	8.1700e-003		0.1035	0.1035		0.1035	0.1035		1,634.2143	1,634.2143	0.0313	0.0300	1,643.9257
NaturalGas Unmitigated	0.1498	1.3619	1.1440	8.1700e-003		0.1035	0.1035		0.1035	0.1035		1,634.2143	1,634.2143	0.0313	0.0300	1,643.9257

5.2 Energy by Land Use - NaturalGas Unmitigated

	Natural Gas 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					
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
Hospital	7529.18	0.0812	0.7382	0.6201	4.4300e-003		0.0561	0.0561		0.0561	0.0561		885.7857	885.7857	0.0170	0.0162	891.0494
Medical Office Building	1767.12	0.0191	0.1733	0.1455	1.0400e-003		0.0132	0.0132		0.0132	0.0132		207.8969	207.8969	3.9800e-003	3.8100e-003	209.1323
Medical Office Building	4594.52	0.0496	0.4504	0.3784	2.7000e-003		0.0342	0.0342		0.0342	0.0342		540.5318	540.5318	0.0104	9.9100e-003	543.7439
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.1498	1.3618	1.1440	8.1700e-003		0.1035	0.1035		0.1035	0.1035		1,634.2144	1,634.2144	0.0313	0.0300	1,643.9257

Mitigated

	Natural Gas 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					
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
Hospital	7529.18	0.0812	0.7382	0.6201	4.4300e-003		0.0561	0.0561		0.0561	0.0561		885.7857	885.7857	0.0170	0.0162	891.0494
Medical Office Building	1767.12	0.0191	0.1733	0.1455	1.0400e-003		0.0132	0.0132		0.0132	0.0132		207.8969	207.8969	3.9800e-003	3.8100e-003	209.1323
Medical Office Building	4594.52	0.0496	0.4504	0.3784	2.7000e-003		0.0342	0.0342		0.0342	0.0342		540.5318	540.5318	0.0104	9.9100e-003	543.7439
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.1498	1.3618	1.1440	8.1700e-003		0.1035	0.1035		0.1035	0.1035		1,634.2144	1,634.2144	0.0313	0.0300	1,643.9257

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.9349	7.6000e-004	0.0842	1.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004		0.1810	0.1810	4.7000e-004		0.1928
Unmitigated	7.9349	7.6000e-004	0.0842	1.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004		0.1810	0.1810	4.7000e-004		0.1928

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	0.6126					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.3145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.7500e-003	7.6000e-004	0.0842	1.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004		0.1810	0.1810	4.7000e-004		0.1928
Total	7.9349	7.6000e-004	0.0842	1.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004		0.1810	0.1810	4.7000e-004		0.1928

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	0.6126					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.3145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.7500e-003	7.6000e-004	0.0842	1.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004		0.1810	0.1810	4.7000e-004		0.1928
Total	7.9349	7.6000e-004	0.0842	1.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004		0.1810	0.1810	4.7000e-004		0.1928

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Kaiser LAMC - Phase 2 (Option B) Development Operations - Los Angeles-South Coast County, Winter

Kaiser LAMC - Phase 2 (Option B) Development Operations
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hospital	105.00	Bed	1.73	177,300.00	0
Medical Office Building	130.00	1000sqft	2.98	130,000.00	0
Medical Office Building	50.00	1000sqft	1.15	50,000.00	0
Enclosed Parking with Elevator	302.80	1000sqft	6.95	302,800.00	0
Enclosed Parking with Elevator	230.60	1000sqft	5.29	230,600.00	0
Parking Lot	0.30	Acre	0.30	13,068.00	0
Parking Lot	6.00	Space	0.05	2,400.00	0
Strip Mall	2.30	1000sqft	0.05	2,300.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2028
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	627.01	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP CO2 Intensity Factor adjusted for year based on 52% RPS by 2027 requirement per SB 100

Land Use - Existing land uses still to be demoed = 0.3 acre parking lot. All other uses constructed in Phases 1 and 2 (Option B). Acreages based on CalEEMod defaults

Construction Phase - Modeling operations only

Off-road Equipment - Modeling operations only

Vehicle Trips - Weekday trip rates and pass-by % based on LLG TIS. Adjusted Saturday and Sunday trip rates based on weekday factor

Woodstoves - N/A

Area Coating - Adjusted non-residential interior VOC to 50 g/L per Rule 1113

Energy Use - Proposed energy usage based on Ted Jacobs building load estimates

Water And Wastewater - Water use data based on LADWP WSA

Solid Waste - Solid waste based on assumptions of EIR

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblEnergyUse	LightingElect	1.75	0.39
tblEnergyUse	LightingElect	5.31	3.26
tblEnergyUse	LightingElect	3.77	3.15
tblEnergyUse	LightingElect	0.35	0.30
tblEnergyUse	LightingElect	6.26	0.00
tblEnergyUse	NT24E	0.19	0.04
tblEnergyUse	NT24E	7.55	4.63
tblEnergyUse	NT24E	4.62	3.87
tblEnergyUse	NT24E	3.23	0.00
tblEnergyUse	NT24NG	9.82	2.35
tblEnergyUse	NT24NG	0.39	0.48
tblEnergyUse	NT24NG	0.49	0.00
tblEnergyUse	T24E	3.92	0.87
tblEnergyUse	T24E	9.96	6.11
tblEnergyUse	T24E	4.60	3.85
tblEnergyUse	T24E	4.01	0.00
tblEnergyUse	T24NG	54.94	13.15
tblEnergyUse	T24NG	10.02	12.42
tblEnergyUse	T24NG	1.15	0.00
tblLandUse	LandUseSquareFeet	75,154.55	177,300.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	627.01
tblSolidWaste	SolidWasteGenerationRate	0.00	92.11
tblSolidWaste	SolidWasteGenerationRate	306.60	1,025.47
tblSolidWaste	SolidWasteGenerationRate	1,944.00	1,599.07
tblSolidWaste	SolidWasteGenerationRate	2.42	22.92
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	73.00	100.00
tblVehicleTrips	PR_TP	60.00	90.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	8.14	6.92
tblVehicleTrips	ST_TR	8.96	7.62
tblVehicleTrips	ST_TR	42.04	40.42
tblVehicleTrips	SU_TR	7.19	6.11
tblVehicleTrips	SU_TR	1.55	1.32
tblVehicleTrips	SU_TR	20.43	19.64
tblVehicleTrips	WD_TR	12.94	11.00
tblVehicleTrips	WD_TR	36.13	30.71
tblVehicleTrips	WD_TR	44.32	42.61
tblWater	IndoorWaterUseRate	0.00	127,957.13
tblWater	IndoorWaterUseRate	9,430,432.76	11,602,008.29
tblWater	IndoorWaterUseRate	22,586,496.76	21,361,983.75
tblWater	IndoorWaterUseRate	170,366.80	27,530.63
tblWater	OutdoorWaterUseRate	1,796,272.91	32,328.51
tblWater	OutdoorWaterUseRate	4,302,189.86	91,709.19
tblWater	OutdoorWaterUseRate	104,418.36	118.20

2.0 Emissions Summary

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	7.9349	7.6000e-004	0.0842	1.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004		0.1810	0.1810	4.7000e-004		0.1928
Energy	0.1498	1.3619	1.1440	8.1700e-003		0.1035	0.1035		0.1035	0.1035		1,634.2143	1,634.2143	0.0313	0.0300	1,643.9257
Mobile	8.8920	43.3191	118.9231	0.5306	53.3504	0.3755	53.7258	14.2723	0.3488	14.6211		54,275.4374	54,275.4374	2.3835		54,335.0251
Total	16.9767	44.6817	120.1513	0.5388	53.3504	0.4793	53.8296	14.2723	0.4526	14.7249		55,909.8327	55,909.8327	2.4153	0.0300	55,979.1435

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	7.9349	7.6000e-004	0.0842	1.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004		0.1810	0.1810	4.7000e-004		0.1928
Energy	0.1498	1.3619	1.1440	8.1700e-003		0.1035	0.1035		0.1035	0.1035		1,634.2143	1,634.2143	0.0313	0.0300	1,643.9257
Mobile	8.8920	43.3191	118.9231	0.5306	53.3504	0.3755	53.7258	14.2723	0.3488	14.6211		54,275.4374	54,275.4374	2.3835		54,335.0251
Total	16.9767	44.6817	120.1513	0.5388	53.3504	0.4793	53.8296	14.2723	0.4526	14.7249		55,909.8327	55,909.8327	2.4153	0.0300	55,979.1435

	ROG	NOx	CO	SO2	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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	8.8920	43.3191	118.9231	0.5306	53.3504	0.3755	53.7258	14.2723	0.3488	14.6211		54,275.43	54,275.43	2.3835		54,335.02
												74	74			51
Unmitigated	8.8920	43.3191	118.9231	0.5306	53.3504	0.3755	53.7258	14.2723	0.3488	14.6211		54,275.43	54,275.43	2.3835		54,335.02
												74	74			51

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Hospital	1,154.79	726.39	641.66	4,990,209	4,990,209
Medical Office Building	3,992.30	990.60	171.60	10,432,889	10,432,889
Medical Office Building	1,535.50	381.00	66.00	4,012,650	4,012,650
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Strip Mall	98.00	92.97	45.17	309,530	309,530
Total	6,780.59	2,190.96	924.43	19,745,278	19,745,278

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Hospital	16.60	8.40	6.90	64.90	16.10	19.00	100	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Hospital	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Medical Office Building	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Parking Lot	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821
Strip Mall	0.543088	0.044216	0.209971	0.116369	0.014033	0.006332	0.021166	0.033577	0.002613	0.001817	0.005285	0.000712	0.000821

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	0.1498	1.3619	1.1440	8.1700e-003		0.1035	0.1035		0.1035	0.1035		1,634.2143	1,634.2143	0.0313	0.0300	1,643.9257
NaturalGas Unmitigated	0.1498	1.3619	1.1440	8.1700e-003		0.1035	0.1035		0.1035	0.1035		1,634.2143	1,634.2143	0.0313	0.0300	1,643.9257

5.2 Energy by Land Use - NaturalGas Unmitigated

	Natural Gas 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					
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
Hospital	7529.18	0.0812	0.7382	0.6201	4.4300e-003		0.0561	0.0561		0.0561	0.0561		885.7857	885.7857	0.0170	0.0162	891.0494
Medical Office Building	1767.12	0.0191	0.1733	0.1455	1.0400e-003		0.0132	0.0132		0.0132	0.0132		207.8969	207.8969	3.9800e-003	3.8100e-003	209.1323
Medical Office Building	4594.52	0.0496	0.4504	0.3784	2.7000e-003		0.0342	0.0342		0.0342	0.0342		540.5318	540.5318	0.0104	9.9100e-003	543.7439
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.1498	1.3618	1.1440	8.1700e-003		0.1035	0.1035		0.1035	0.1035		1,634.2144	1,634.2144	0.0313	0.0300	1,643.9257

Mitigated

	Natural Gas 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					
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
Hospital	7.52918	0.0812	0.7382	0.6201	4.4300e-003		0.0561	0.0561		0.0561	0.0561		885.7857	885.7857	0.0170	0.0162	891.0494
Medical Office Building	1.76712	0.0191	0.1733	0.1455	1.0400e-003		0.0132	0.0132		0.0132	0.0132		207.8969	207.8969	3.9800e-003	3.8100e-003	209.1323
Medical Office Building	4.59452	0.0496	0.4504	0.3784	2.7000e-003		0.0342	0.0342		0.0342	0.0342		540.5318	540.5318	0.0104	9.9100e-003	543.7439
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.1498	1.3618	1.1440	8.1700e-003		0.1035	0.1035		0.1035	0.1035		1,634.2144	1,634.2144	0.0313	0.0300	1,643.9257

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.9349	7.6000e-004	0.0842	1.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004		0.1810	0.1810	4.7000e-004		0.1928
Unmitigated	7.9349	7.6000e-004	0.0842	1.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004		0.1810	0.1810	4.7000e-004		0.1928

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	0.6126					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.3145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.7500e-003	7.6000e-004	0.0842	1.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004		0.1810	0.1810	4.7000e-004		0.1928
Total	7.9349	7.6000e-004	0.0842	1.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004		0.1810	0.1810	4.7000e-004		0.1928

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	0.6126					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	7.3145					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.7500e-003	7.6000e-004	0.0842	1.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004		0.1810	0.1810	4.7000e-004		0.1928
Total	7.9349	7.6000e-004	0.0842	1.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004		0.1810	0.1810	4.7000e-004		0.1928

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Kaiser LAMC - Phase 2 (Option B) Development Operations Los Angeles-South Coast County, Mitigation Report

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.11	0.33		
No	Land Use	Improve Walkability Design	0.00			

No	Land Use	Improve Destination Accessibility	0.00		
No	Land Use	Increase Transit Accessibility	0.25		
No	Land Use	Integrate Below Market Rate Housing	0.00		
	Land Use	Land Use SubTotal	0.00		
No	Neighborhood Enhancements	Improve Pedestrian Network			
No	Neighborhood Enhancements	Provide Traffic Calming Measures			
No	Neighborhood Enhancements	Implement NEV Network	0.00		
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00		
No	Parking Policy Pricing	Limit Parking Supply	0.00		
No	Parking Policy Pricing	Unbundle Parking Costs	0.00		
No	Parking Policy Pricing	On-street Market Pricing	0.00		
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00		
No	Transit Improvements	Provide BRT System	0.00		
No	Transit Improvements	Expand Transit Network	0.00		
No	Transit Improvements	Increase Transit Frequency	0.00		
	Transit Improvements	Transit Improvements Subtotal	0.00		
		Land Use and Site Enhancement Subtotal	0.00		
No	Commute	Implement Trip Reduction Program			
No	Commute	Transit Subsidy			
No	Commute	Implement Employee Parking "Cash Out"			
No	Commute	Workplace Parking Charge			
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00		
No	Commute	Market Commute Trip Reduction Option	0.00		
No	Commute	Employee Vanpool/Shuttle	0.00		2.00
No	Commute	Provide Ride Sharing Program			

	Commute	Commute Subtotal	0.00		
No	School Trip	Implement School Bus Program	0.00		
		Total VMT Reduction	0.00		

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	50.00
No	Use Low VOC Paint (Residential Exterior)	50.00
No	Use Low VOC Paint (Non-residential Interior)	50.00
No	Use Low VOC Paint (Non-residential Exterior)	100.00
No	Use Low VOC Paint (Parking)	100.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00

Fan	50.00
Refrigerator	15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services Percent Reduction in Waste Disposed	

Kaiser LAMC - Phase 3 (Option B) Development Operations - Los Angeles-South Coast County, Annual

**Kaiser LAMC - Phase 3 (Option B) Development Operations
Los Angeles-South Coast County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hospital	105.00	Bed	1.73	177,300.00	0
Medical Office Building	130.00	1000sqft	2.98	130,000.00	0
Medical Office Building	50.00	1000sqft	1.15	50,000.00	0
Medical Office Building	73.50	1000sqft	1.69	73,500.00	0
Enclosed Parking with Elevator	302.80	1000sqft	6.95	302,800.00	0
Enclosed Parking with Elevator	230.60	1000sqft	5.29	230,600.00	0
Enclosed Parking with Elevator	122.40	1000sqft	2.81	122,400.00	0
Parking Lot	6.00	Space	0.05	2,400.00	0
Strip Mall	2.30	1000sqft	0.05	2,300.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2030
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	522.51	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP CO2 Intensity Factor adjusted for year 2030 based on 60% RPS requirement per SB 100
 Land Use - All land uses constructed in Phases 1 through 3 (Option B). Acreages based on CalEEMod defaults

Construction Phase - Modeling operations only

Vehicle Trips - Weekday trip rates and pass-by % based on LLG TIS. Adjusted Saturday and Sunday trip rates based on weekday factor

Woodstoves - N/A

Area Coating - Adjusted non-residential interior VOC to 50 g/L per Rule 1113

Energy Use - Proposed energy usage based on Ted Jacobs building load estimates

Water And Wastewater - Water use data based on LADWP WSA

Solid Waste - Solid waste based on assumptions of EIR

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblEnergyUse	LightingElect	1.75	0.39
tblEnergyUse	LightingElect	5.31	3.26
tblEnergyUse	LightingElect	3.77	3.15
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	6.26	0.00
tblEnergyUse	NT24E	0.19	0.04
tblEnergyUse	NT24E	7.55	4.63
tblEnergyUse	NT24E	4.62	3.87
tblEnergyUse	NT24E	3.23	0.00
tblEnergyUse	NT24NG	9.82	2.35
tblEnergyUse	NT24NG	0.39	0.48
tblEnergyUse	NT24NG	0.49	0.00
tblEnergyUse	T24E	3.92	0.87
tblEnergyUse	T24E	9.96	6.11
tblEnergyUse	T24E	4.60	3.85
tblEnergyUse	T24E	4.01	0.00
tblEnergyUse	T24NG	54.94	13.15
tblEnergyUse	T24NG	10.02	12.42
tblEnergyUse	T24NG	1.15	0.00
tblLandUse	LandUseSquareFeet	75,154.55	177,300.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	522.51
tblSolidWaste	SolidWasteGenerationRate	0.00	113.24
tblSolidWaste	SolidWasteGenerationRate	306.60	1,025.47
tblSolidWaste	SolidWasteGenerationRate	2,737.80	2,252.03
tblSolidWaste	SolidWasteGenerationRate	2.42	22.92
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	73.00	100.00
tblVehicleTrips	PR_TP	60.00	90.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	8.14	6.92
tblVehicleTrips	ST_TR	8.96	7.62
tblVehicleTrips	ST_TR	42.04	40.42
tblVehicleTrips	SU_TR	7.19	6.11
tblVehicleTrips	SU_TR	1.55	1.32
tblVehicleTrips	SU_TR	20.43	19.64
tblVehicleTrips	WD_TR	12.94	11.00
tblVehicleTrips	WD_TR	36.13	30.71
tblVehicleTrips	WD_TR	44.32	42.61
tblWater	IndoorWaterUseRate	0.00	157,315.00
tblWater	IndoorWaterUseRate	9,430,432.76	11,602,008.29
tblWater	IndoorWaterUseRate	31,809,316.27	26,392,701.95
tblWater	IndoorWaterUseRate	170,366.80	27,530.63
tblWater	OutdoorWaterUseRate	1,796,272.91	32,328.51
tblWater	OutdoorWaterUseRate	6,058,917.39	170,858.29
tblWater	OutdoorWaterUseRate	104,418.36	118.20

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	1.7434	1.2000e-004	0.0130	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0254	0.0254	7.0000e-005	0.0000	0.0270
Energy	0.0325	0.2950	0.2478	1.7700e-003		0.0224	0.0224		0.0224	0.0224	0.0000	1,764.5968	1,764.5968	0.0863	0.0225	1,773.4475
Mobile	1.5002	7.9175	20.6387	0.0966	9.7300	0.0613	9.7913	2.6070	0.0569	2.6640	0.0000	8,972.3694	8,972.3694	0.3736	0.0000	8,981.7093
Waste						0.0000	0.0000		0.0000	0.0000	692.9421	0.0000	692.9421	40.9517	0.0000	1,716.7348
Water						0.0000	0.0000		0.0000	0.0000	12.1126	118.3598	130.4724	1.2507	0.0307	170.8976
Total	3.2760	8.2126	20.8995	0.0983	9.7300	0.0838	9.8137	2.6070	0.0794	2.6864	705.0547	10,855.3515	11,560.4062	42.6623	0.0532	12,642.8162

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	1.7434	1.2000e-004	0.0130	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0254	0.0254	7.0000e-005	0.0000	0.0270
Energy	0.0325	0.2950	0.2478	1.7700e-003		0.0224	0.0224		0.0224	0.0224	0.0000	1,764.5968	1,764.5968	0.0863	0.0225	1,773.4475
Mobile	1.5002	7.9175	20.6387	0.0966	9.7300	0.0613	9.7913	2.6070	0.0569	2.6640	0.0000	8,972.3694	8,972.3694	0.3736	0.0000	8,981.7093
Waste						0.0000	0.0000		0.0000	0.0000	692.9421	0.0000	692.9421	40.9517	0.0000	1,716.7348
Water						0.0000	0.0000		0.0000	0.0000	12.1126	118.3598	130.4724	1.2507	0.0307	170.8976
Total	3.2760	8.2126	20.8995	0.0983	9.7300	0.0838	9.8137	2.6070	0.0794	2.6864	705.0547	10,855.3515	11,560.4062	42.6623	0.0532	12,642.8162

	ROG	NOx	CO	SO2	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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.5002	7.9175	20.6387	0.0966	9.7300	0.0613	9.7913	2.6070	0.0569	2.6640	0.0000	8,972.369 4	8,972.369 4	0.3736	0.0000	8,981.709 3
Unmitigated	1.5002	7.9175	20.6387	0.0966	9.7300	0.0613	9.7913	2.6070	0.0569	2.6640	0.0000	8,972.369 4	8,972.369 4	0.3736	0.0000	8,981.709 3

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Hospital	1,155.00	726.60	641.55	4,991,016	4,991,016
Medical Office Building	3,992.30	990.60	171.60	10,432,889	10,432,889
Medical Office Building	1,535.50	381.00	66.00	4,012,650	4,012,650
Medical Office Building	2,257.19	560.07	97.02	5,898,595	5,898,595
Parking Lot	0.00	0.00	0.00		
Strip Mall	98.00	92.97	45.17	309,530	309,530
Total	9,037.99	2,751.24	1,021.34	25,644,680	25,644,680

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Hospital	16.60	8.40	6.90	64.90	16.10	19.00	100	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	100	0	0
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4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812
Hospital	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812
Medical Office Building	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812
Parking Lot	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812
Strip Mall	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812

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	1,443.4374	1,443.4374	0.0801	0.0166	1,450.3796
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,443.4374	1,443.4374	0.0801	0.0166	1,450.3796
NaturalGas Mitigated	0.0325	0.2950	0.2478	1.7700e-003		0.0224	0.0224		0.0224	0.0224	0.0000	321.1594	321.1594	6.1600e-003	5.8900e-003	323.0679
NaturalGas Unmitigated	0.0325	0.2950	0.2478	1.7700e-003		0.0224	0.0224		0.0224	0.0224	0.0000	321.1594	321.1594	6.1600e-003	5.8900e-003	323.0679

5.2 Energy by Land Use - NaturalGas Unmitigated

	Natural Gas 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					
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
Hospital	2.74815e+006	0.0148	0.1347	0.1132	8.1000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	146.6518	146.6518	2.8100e-003	2.6900e-003	147.5232
Medical Office Building	1.677e+006	9.0400e-003	0.0822	0.0691	4.9000e-004		6.2500e-003	6.2500e-003		6.2500e-003	6.2500e-003	0.0000	89.4911	89.4911	1.7200e-003	1.6400e-003	90.0229
Medical Office Building	645000	3.4800e-003	0.0316	0.0266	1.9000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	34.4197	34.4197	6.6000e-004	6.3000e-004	34.6242
Medical Office Building	948150	5.1100e-003	0.0465	0.0390	2.8000e-004		3.5300e-003	3.5300e-003		3.5300e-003	3.5300e-003	0.0000	50.5969	50.5969	9.7000e-004	9.3000e-004	50.8976
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	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		0.0325	0.2950	0.2478	1.7700e-003		0.0224	0.0224		0.0224	0.0224	0.0000	321.1594	321.1594	6.1600e-003	5.8900e-003	323.0679

Mitigated

	Natural Gas 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					
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
Hospital	2.74815e+006	0.0148	0.1347	0.1132	8.1000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	146.6518	146.6518	2.8100e-003	2.6900e-003	147.5232
Medical Office Building	1.677e+006	9.0400e-003	0.0822	0.0691	4.9000e-004		6.2500e-003	6.2500e-003		6.2500e-003	6.2500e-003	0.0000	89.4911	89.4911	1.7200e-003	1.6400e-003	90.0229
Medical Office Building	645000	3.4800e-003	0.0316	0.0266	1.9000e-004		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	34.4197	34.4197	6.6000e-004	6.3000e-004	34.6242
Medical Office Building	948150	5.1100e-003	0.0465	0.0390	2.8000e-004		3.5300e-003	3.5300e-003		3.5300e-003	3.5300e-003	0.0000	50.5969	50.5969	9.7000e-004	9.3000e-004	50.8976
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	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		0.0325	0.2950	0.2478	1.7700e-003		0.0224	0.0224		0.0224	0.0224	0.0000	321.1594	321.1594	6.1600e-003	5.8900e-003	323.0679
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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			
Enclosed Parking with Elevator	159120	37.7125	2.0900e-003	4.3000e-004	37.8939
Enclosed Parking with Elevator	299780	71.0498	3.9400e-003	8.2000e-004	71.3915
Enclosed Parking with Elevator	393640	93.2953	5.1800e-003	1.0700e-003	93.7440
Hospital	2.4822e+006	588.2977	0.0327	6.7600e-003	591.1271
Medical Office Building	1.4131e+006	334.9140	0.0186	3.8500e-003	336.5247
Medical Office Building	543500	128.8131	7.1500e-003	1.4800e-003	129.4326
Medical Office Building	798945	189.3552	0.0105	2.1700e-003	190.2659
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		1,443.4374	0.0801	0.0166	1,450.3796

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	159120	37.7125	2.0900e-003	4.3000e-004	37.8939

Enclosed Parking with Elevator	299780	71.0498	3.9400e-003	8.2000e-004	71.3915
Enclosed Parking with Elevator	393640	93.2953	5.1800e-003	1.0700e-003	93.7440
Hospital	2.4822e+006	588.2977	0.0327	6.7600e-003	591.1271
Medical Office Building	1.4131e+006	334.9140	0.0186	3.8500e-003	336.5247
Medical Office Building	543500	128.8131	7.1500e-003	1.4800e-003	129.4326
Medical Office Building	798945	189.3552	0.0105	2.1700e-003	190.2659
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mail	0	0.0000	0.0000	0.0000	0.0000
Total		1,443.4374	0.0801	0.0166	1,450.3796

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.7434	1.2000e-004	0.0130	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0254	0.0254	7.0000e-005	0.0000	0.0270
Unmitigated	1.7434	1.2000e-004	0.0130	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0254	0.0254	7.0000e-005	0.0000	0.0270

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1346					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.6076					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1900e-003	1.2000e-004	0.0130	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0254	0.0254	7.0000e-005	0.0000	0.0270
Total	1.7434	1.2000e-004	0.0130	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0254	0.0254	7.0000e-005	0.0000	0.0270

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1346					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.6076					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1900e-003	1.2000e-004	0.0130	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0254	0.0254	7.0000e-005	0.0000	0.0270
Total	1.7434	1.2000e-004	0.0130	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0254	0.0254	7.0000e-005	0.0000	0.0270

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e

Category	MT/yr			
Mitigated	130.4724	1.2507	0.0307	170.8976
Unmitigated	130.4724	1.2507	0.0307	170.8976

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0.157315 / 0	0.5354	5.1500e-003	1.3000e-004	0.7020
Hospital	11.602 / 0.0323285	39.5704	0.3800	9.3400e-003	51.8545
Medical Office Building	26.3927 / 0.170858	90.2726	0.8646	0.0213	118.2180
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.0275306 /	0.0940	9.0000e-004	2.0000e-005	0.1232
Total		130.4724	1.2506	0.0307	170.8976

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0.157315 / 0	0.5354	5.1500e-003	1.3000e-004	0.7020
Hospital	11.602 / 0.0323285	39.5704	0.3800	9.3400e-003	51.8545

Medical Office Building	26.3927 / 0.170858	90.2726	0.8646	0.0213	118.2180
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.0275306 /	0.0940	9.0000e-004	2.0000e-005	0.1232
Total		130.4724	1.2506	0.0307	170.8976

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	692.9421	40.9517	0.0000	1,716.7348
Unmitigated	692.9421	40.9517	0.0000	1,716.7348

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	113.24	22.9867	1.3585	0.0000	56.9486
Hospital	1025.47	208.1611	12.3020	0.0000	515.7104

Medical Office Building	2252.03	457.1417	27.0163	0.0000	1,132.5493
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	22.92	4.6526	0.2750	0.0000	11.5265
Total		692.9421	40.9517	0.0000	1,716.7348

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	113.24	22.9867	1.3585	0.0000	56.9486
Hospital	1025.47	208.1611	12.3020	0.0000	515.7104
Medical Office Building	2252.03	457.1417	27.0163	0.0000	1,132.5493
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	22.92	4.6526	0.2750	0.0000	11.5265
Total		692.9421	40.9517	0.0000	1,716.7348

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Kaiser LAMC - Phase 3 (Option B) Development Operations - Los Angeles-South Coast County, Summer

Kaiser LAMC - Phase 3 (Option B) Development Operations
Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hospital	105.00	Bed	1.73	177,300.00	0
Medical Office Building	130.00	1000sqft	2.98	130,000.00	0
Medical Office Building	50.00	1000sqft	1.15	50,000.00	0
Medical Office Building	73.50	1000sqft	1.69	73,500.00	0
Enclosed Parking with Elevator	302.80	1000sqft	6.95	302,800.00	0
Enclosed Parking with Elevator	230.60	1000sqft	5.29	230,600.00	0
Enclosed Parking with Elevator	122.40	1000sqft	2.81	122,400.00	0
Parking Lot	6.00	Space	0.05	2,400.00	0
Strip Mall	2.30	1000sqft	0.05	2,300.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2030
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	522.51	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP CO2 Intensity Factor adjusted for year 2030 based on 60% RPS requirement per SB 100

Land Use - All land uses constructed in Phases 1 through 3 (Option B). Acreages based on CalEEMod defaults

Construction Phase - Modeling operations only

Vehicle Trips - Weekday trip rates and pass-by % based on LLG TIS. Adjusted Saturday and Sunday trip rates based on weekday factor

Woodstoves - N/A

Area Coating - Adjusted non-residential interior VOC to 50 g/L per Rule 1113

Energy Use - Proposed energy usage based on Ted Jacobs building load estimates

Water And Wastewater - Water use data based on LADWP WSA

Solid Waste - Solid waste based on assumptions of EIR

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblEnergyUse	LightingElect	1.75	0.39
tblEnergyUse	LightingElect	5.31	3.26
tblEnergyUse	LightingElect	3.77	3.15
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	6.26	0.00
tblEnergyUse	NT24E	0.19	0.04
tblEnergyUse	NT24E	7.55	4.63
tblEnergyUse	NT24E	4.62	3.87
tblEnergyUse	NT24E	3.23	0.00
tblEnergyUse	NT24NG	9.82	2.35
tblEnergyUse	NT24NG	0.39	0.48
tblEnergyUse	NT24NG	0.49	0.00
tblEnergyUse	T24E	3.92	0.87
tblEnergyUse	T24E	9.96	6.11
tblEnergyUse	T24E	4.60	3.85
tblEnergyUse	T24E	4.01	0.00
tblEnergyUse	T24NG	54.94	13.15
tblEnergyUse	T24NG	10.02	12.42
tblEnergyUse	T24NG	1.15	0.00
tblLandUse	LandUseSquareFeet	75,154.55	177,300.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	522.51
tblSolidWaste	SolidWasteGenerationRate	0.00	113.24
tblSolidWaste	SolidWasteGenerationRate	306.60	1,025.47
tblSolidWaste	SolidWasteGenerationRate	2,737.80	2,252.03
tblSolidWaste	SolidWasteGenerationRate	2.42	22.92
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	73.00	100.00
tblVehicleTrips	PR_TP	60.00	90.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	8.14	6.92
tblVehicleTrips	ST_TR	8.96	7.62
tblVehicleTrips	ST_TR	42.04	40.42
tblVehicleTrips	SU_TR	7.19	6.11
tblVehicleTrips	SU_TR	1.55	1.32
tblVehicleTrips	SU_TR	20.43	19.64
tblVehicleTrips	WD_TR	12.94	11.00
tblVehicleTrips	WD_TR	36.13	30.71
tblVehicleTrips	WD_TR	44.32	42.61
tblWater	IndoorWaterUseRate	0.00	157,315.00
tblWater	IndoorWaterUseRate	9,430,432.76	11,602,008.29
tblWater	IndoorWaterUseRate	31,809,316.27	26,392,701.95
tblWater	IndoorWaterUseRate	170,366.80	27,530.63
tblWater	OutdoorWaterUseRate	1,796,272.91	32,328.51
tblWater	OutdoorWaterUseRate	6,058,917.39	170,858.29
tblWater	OutdoorWaterUseRate	104,418.36	118.20

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	9.5556	9.4000e-004	0.1039	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2238	0.2238	5.8000e-004		0.2382
Energy	0.1778	1.6165	1.3579	9.7000e-003		0.1229	0.1229		0.1229	0.1229		1,939.8227	1,939.8227	0.0372	0.0356	1,951.3501
Mobile	11.1816	54.1724	151.7586	0.7046	69.9409	0.4326	70.3735	18.7096	0.4016	19.1112		72,115.0730	72,115.0730	2.9167		72,187.9895
Total	20.9151	55.7899	153.2203	0.7143	69.9409	0.5558	70.4967	18.7096	0.5248	19.2344		74,055.1195	74,055.1195	2.9544	0.0356	74,139.5778

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	9.5556	9.4000e-004	0.1039	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2238	0.2238	5.8000e-004		0.2382
Energy	0.1778	1.6165	1.3579	9.7000e-003		0.1229	0.1229		0.1229	0.1229		1,939.8227	1,939.8227	0.0372	0.0356	1,951.3501
Mobile	11.1816	54.1724	151.7586	0.7046	69.9409	0.4326	70.3735	18.7096	0.4016	19.1112		72,115.0730	72,115.0730	2.9167		72,187.9895
Total	20.9151	55.7899	153.2203	0.7143	69.9409	0.5558	70.4967	18.7096	0.5248	19.2344		74,055.1195	74,055.1195	2.9544	0.0356	74,139.5778

	ROG	NOx	CO	SO2	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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	11.1816	54.1724	151.7586	0.7046	69.9409	0.4326	70.3735	18.7096	0.4016	19.1112		72,115.07	72,115.07	2.9167		72,187.98
												30	30			95
Unmitigated	11.1816	54.1724	151.7586	0.7046	69.9409	0.4326	70.3735	18.7096	0.4016	19.1112		72,115.07	72,115.07	2.9167		72,187.98
												30	30			95

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Hospital	1,155.00	726.60	641.55	4,991,016	4,991,016
Medical Office Building	3,992.30	990.60	171.60	10,432,889	10,432,889
Medical Office Building	1,535.50	381.00	66.00	4,012,650	4,012,650
Medical Office Building	2,257.19	560.07	97.02	5,898,595	5,898,595
Parking Lot	0.00	0.00	0.00		
Strip Mall	98.00	92.97	45.17	309,530	309,530
Total	9,037.99	2,751.24	1,021.34	25,644,680	25,644,680

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Hospital	16.60	8.40	6.90	64.90	16.10	19.00	100	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	100	0	0
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4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812
Hospital	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812
Medical Office Building	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812
Parking Lot	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812
Strip Mall	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1778	1.6165	1.3579	9.7000e-003		0.1229	0.1229		0.1229	0.1229		1,939.8227	1,939.8227	0.0372	0.0356	1,951.3501
NaturalGas Unmitigated	0.1778	1.6165	1.3579	9.7000e-003		0.1229	0.1229		0.1229	0.1229		1,939.8227	1,939.8227	0.0372	0.0356	1,951.3501

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
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Land Use	kBTU/yr	lb/day										lb/day					
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
Hospital	7529.18	0.0812	0.7382	0.6201	4.4300e-003		0.0561	0.0561		0.0561	0.0561		885.7857	885.7857	0.0170	0.0162	891.0494
Medical Office Building	1767.12	0.0191	0.1733	0.1455	1.0400e-003		0.0132	0.0132		0.0132	0.0132		207.8969	207.8969	3.9800e-003	3.8100e-003	209.1323
Medical Office Building	2597.67	0.0280	0.2547	0.2139	1.5300e-003		0.0194	0.0194		0.0194	0.0194		305.6084	305.6084	5.8600e-003	5.6000e-003	307.4245
Medical Office Building	4594.52	0.0496	0.4504	0.3784	2.7000e-003		0.0342	0.0342		0.0342	0.0342		540.5318	540.5318	0.0104	9.9100e-003	543.7439
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.1778	1.6165	1.3579	9.7000e-003		0.1229	0.1229		0.1229	0.1229		1,939.8227	1,939.8227	0.0372	0.0356	1,951.3501

Mitigated

	Natural Gas 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					
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
Hospital	7529.18	0.0812	0.7382	0.6201	4.4300e-003		0.0561	0.0561		0.0561	0.0561		885.7857	885.7857	0.0170	0.0162	891.0494
Medical Office Building	1767.12	0.0191	0.1733	0.1455	1.0400e-003		0.0132	0.0132		0.0132	0.0132		207.8969	207.8969	3.9800e-003	3.8100e-003	209.1323
Medical Office Building	2597.67	0.0280	0.2547	0.2139	1.5300e-003		0.0194	0.0194		0.0194	0.0194		305.6084	305.6084	5.8600e-003	5.6000e-003	307.4245
Medical Office Building	4594.52	0.0496	0.4504	0.3784	2.7000e-003		0.0342	0.0342		0.0342	0.0342		540.5318	540.5318	0.0104	9.9100e-003	543.7439
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.1778	1.6165	1.3579	9.7000e-003		0.1229	0.1229		0.1229	0.1229		1,939.8227	1,939.8227	0.0372	0.0356	1,951.3501

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9.5556	9.4000e-004	0.1039	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2238	0.2238	5.8000e-004		0.2382
Unmitigated	9.5556	9.4000e-004	0.1039	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2238	0.2238	5.8000e-004		0.2382

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	0.7376					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	8.8085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.5000e-003	9.4000e-004	0.1039	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2238	0.2238	5.8000e-004		0.2382
Total	9.5556	9.4000e-004	0.1039	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2238	0.2238	5.8000e-004		0.2382

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	0.7376					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	8.8085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.5000e-003	9.4000e-004	0.1039	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2238	0.2238	5.8000e-004		0.2382
Total	9.5556	9.4000e-004	0.1039	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2238	0.2238	5.8000e-004		0.2382

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Kaiser LAMC - Phase 3 (Option B) Development Operations - Los Angeles-South Coast County, Winter

Kaiser LAMC - Phase 3 (Option B) Development Operations
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hospital	105.00	Bed	1.73	177,300.00	0
Medical Office Building	130.00	1000sqft	2.98	130,000.00	0
Medical Office Building	50.00	1000sqft	1.15	50,000.00	0
Medical Office Building	73.50	1000sqft	1.69	73,500.00	0
Enclosed Parking with Elevator	302.80	1000sqft	6.95	302,800.00	0
Enclosed Parking with Elevator	230.60	1000sqft	5.29	230,600.00	0
Enclosed Parking with Elevator	122.40	1000sqft	2.81	122,400.00	0
Parking Lot	6.00	Space	0.05	2,400.00	0
Strip Mall	2.30	1000sqft	0.05	2,300.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2030
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	522.51	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP CO2 Intensity Factor adjusted for year 2030 based on 60% RPS requirement per SB 100

Land Use - All land uses constructed in Phases 1 through 3 (Option B). Acreages based on CalEEMod defaults

Construction Phase - Modeling operations only

Vehicle Trips - Weekday trip rates and pass-by % based on LLG TIS. Adjusted Saturday and Sunday trip rates based on weekday factor

Woodstoves - N/A

Area Coating - Adjusted non-residential interior VOC to 50 g/L per Rule 1113

Energy Use - Proposed energy usage based on Ted Jacobs building load estimates

Water And Wastewater - Water use data based on LADWP WSA

Solid Waste - Solid waste based on assumptions of EIR

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblEnergyUse	LightingElect	1.75	0.39
tblEnergyUse	LightingElect	5.31	3.26
tblEnergyUse	LightingElect	3.77	3.15
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	6.26	0.00
tblEnergyUse	NT24E	0.19	0.04
tblEnergyUse	NT24E	7.55	4.63
tblEnergyUse	NT24E	4.62	3.87
tblEnergyUse	NT24E	3.23	0.00
tblEnergyUse	NT24NG	9.82	2.35
tblEnergyUse	NT24NG	0.39	0.48
tblEnergyUse	NT24NG	0.49	0.00
tblEnergyUse	T24E	3.92	0.87
tblEnergyUse	T24E	9.96	6.11
tblEnergyUse	T24E	4.60	3.85
tblEnergyUse	T24E	4.01	0.00
tblEnergyUse	T24NG	54.94	13.15
tblEnergyUse	T24NG	10.02	12.42
tblEnergyUse	T24NG	1.15	0.00
tblLandUse	LandUseSquareFeet	75,154.55	177,300.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	522.51
tblSolidWaste	SolidWasteGenerationRate	0.00	113.24
tblSolidWaste	SolidWasteGenerationRate	306.60	1,025.47
tblSolidWaste	SolidWasteGenerationRate	2,737.80	2,252.03
tblSolidWaste	SolidWasteGenerationRate	2.42	22.92
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	73.00	100.00
tblVehicleTrips	PR_TP	60.00	90.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	8.14	6.92
tblVehicleTrips	ST_TR	8.96	7.62
tblVehicleTrips	ST_TR	42.04	40.42
tblVehicleTrips	SU_TR	7.19	6.11
tblVehicleTrips	SU_TR	1.55	1.32
tblVehicleTrips	SU_TR	20.43	19.64
tblVehicleTrips	WD_TR	12.94	11.00
tblVehicleTrips	WD_TR	36.13	30.71
tblVehicleTrips	WD_TR	44.32	42.61
tblWater	IndoorWaterUseRate	0.00	157,315.00
tblWater	IndoorWaterUseRate	9,430,432.76	11,602,008.29
tblWater	IndoorWaterUseRate	31,809,316.27	26,392,701.95
tblWater	IndoorWaterUseRate	170,366.80	27,530.63
tblWater	OutdoorWaterUseRate	1,796,272.91	32,328.51
tblWater	OutdoorWaterUseRate	6,058,917.39	170,858.29
tblWater	OutdoorWaterUseRate	104,418.36	118.20

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	9.5556	9.4000e-004	0.1039	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2238	0.2238	5.8000e-004		0.2382
Energy	0.1778	1.6165	1.3579	9.7000e-003		0.1229	0.1229		0.1229	0.1229		1,939.8227	1,939.8227	0.0372	0.0356	1,951.3501
Mobile	10.8459	55.1096	143.5215	0.6719	69.9409	0.4337	70.3746	18.7096	0.4027	19.1123		68,817.2222	68,817.2222	2.9212		68,890.2509
Total	20.5793	56.7270	144.9833	0.6816	69.9409	0.5569	70.4978	18.7096	0.5259	19.2355		70,757.2687	70,757.2687	2.9589	0.0356	70,841.8392

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	9.5556	9.4000e-004	0.1039	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2238	0.2238	5.8000e-004		0.2382
Energy	0.1778	1.6165	1.3579	9.7000e-003		0.1229	0.1229		0.1229	0.1229		1,939.8227	1,939.8227	0.0372	0.0356	1,951.3501
Mobile	10.8459	55.1096	143.5215	0.6719	69.9409	0.4337	70.3746	18.7096	0.4027	19.1123		68,817.2222	68,817.2222	2.9212		68,890.2509
Total	20.5793	56.7270	144.9833	0.6816	69.9409	0.5569	70.4978	18.7096	0.5259	19.2355		70,757.2687	70,757.2687	2.9589	0.0356	70,841.8392

	ROG	NOx	CO	SO2	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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	10.8459	55.1096	143.5215	0.6719	69.9409	0.4337	70.3746	18.7096	0.4027	19.1123		68,817.22	68,817.22	2.9212		68,890.25
Unmitigated	10.8459	55.1096	143.5215	0.6719	69.9409	0.4337	70.3746	18.7096	0.4027	19.1123		68,817.22	68,817.22	2.9212		68,890.25

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Hospital	1,155.00	726.60	641.55	4,991,016	4,991,016
Medical Office Building	3,992.30	990.60	171.60	10,432,889	10,432,889
Medical Office Building	1,535.50	381.00	66.00	4,012,650	4,012,650
Medical Office Building	2,257.19	560.07	97.02	5,898,595	5,898,595
Parking Lot	0.00	0.00	0.00		
Strip Mall	98.00	92.97	45.17	309,530	309,530
Total	9,037.99	2,751.24	1,021.34	25,644,680	25,644,680

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Hospital	16.60	8.40	6.90	64.90	16.10	19.00	100	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	100	0	0
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4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812
Hospital	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812
Medical Office Building	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812
Parking Lot	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812
Strip Mall	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1778	1.6165	1.3579	9.7000e-003		0.1229	0.1229		0.1229	0.1229		1,939.8227	1,939.8227	0.0372	0.0356	1,951.3501
NaturalGas Unmitigated	0.1778	1.6165	1.3579	9.7000e-003		0.1229	0.1229		0.1229	0.1229		1,939.8227	1,939.8227	0.0372	0.0356	1,951.3501

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					
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
Hospital	7529.18	0.0812	0.7382	0.6201	4.4300e-003		0.0561	0.0561		0.0561	0.0561		885.7857	885.7857	0.0170	0.0162	891.0494
Medical Office Building	1767.12	0.0191	0.1733	0.1455	1.0400e-003		0.0132	0.0132		0.0132	0.0132		207.8969	207.8969	3.9800e-003	3.8100e-003	209.1323
Medical Office Building	2597.67	0.0280	0.2547	0.2139	1.5300e-003		0.0194	0.0194		0.0194	0.0194		305.6084	305.6084	5.8600e-003	5.6000e-003	307.4245
Medical Office Building	4594.52	0.0496	0.4504	0.3784	2.7000e-003		0.0342	0.0342		0.0342	0.0342		540.5318	540.5318	0.0104	9.9100e-003	543.7439
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.1778	1.6165	1.3579	9.7000e-003		0.1229	0.1229		0.1229	0.1229		1,939.8227	1,939.8227	0.0372	0.0356	1,951.3501

Mitigated

	Natural Gas 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					
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
Hospital	7529.18	0.0812	0.7382	0.6201	4.4300e-003		0.0561	0.0561		0.0561	0.0561		885.7857	885.7857	0.0170	0.0162	891.0494
Medical Office Building	1767.12	0.0191	0.1733	0.1455	1.0400e-003		0.0132	0.0132		0.0132	0.0132		207.8969	207.8969	3.9800e-003	3.8100e-003	209.1323
Medical Office Building	2597.67	0.0280	0.2547	0.2139	1.5300e-003		0.0194	0.0194		0.0194	0.0194		305.6084	305.6084	5.8600e-003	5.6000e-003	307.4245
Medical Office Building	4594.52	0.0496	0.4504	0.3784	2.7000e-003		0.0342	0.0342		0.0342	0.0342		540.5318	540.5318	0.0104	9.9100e-003	543.7439
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.1778	1.6165	1.3579	9.7000e-003		0.1229	0.1229		0.1229	0.1229		1,939.8227	1,939.8227	0.0372	0.0356	1,951.3501

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9.5556	9.4000e-004	0.1039	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2238	0.2238	5.8000e-004		0.2382
Unmitigated	9.5556	9.4000e-004	0.1039	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2238	0.2238	5.8000e-004		0.2382

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	0.7376					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	8.8085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.5000e-003	9.4000e-004	0.1039	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2238	0.2238	5.8000e-004		0.2382
Total	9.5556	9.4000e-004	0.1039	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2238	0.2238	5.8000e-004		0.2382

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	0.7376					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	8.8085					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.5000e-003	9.4000e-004	0.1039	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2238	0.2238	5.8000e-004		0.2382
Total	9.5556	9.4000e-004	0.1039	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2238	0.2238	5.8000e-004		0.2382

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Kaiser LAMC - Phase 3 (Option B) Development Operations Los Angeles-South Coast County, Mitigation Report

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.11	0.33		
No	Land Use	Improve Walkability Design	0.00			

No	Land Use	Improve Destination Accessibility	0.00		
No	Land Use	Increase Transit Accessibility	0.25		
No	Land Use	Integrate Below Market Rate Housing	0.00		
	Land Use	Land Use SubTotal	0.00		
No	Neighborhood Enhancements	Improve Pedestrian Network			
No	Neighborhood Enhancements	Provide Traffic Calming Measures			
No	Neighborhood Enhancements	Implement NEV Network	0.00		
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00		
No	Parking Policy Pricing	Limit Parking Supply	0.00		
No	Parking Policy Pricing	Unbundle Parking Costs	0.00		
No	Parking Policy Pricing	On-street Market Pricing	0.00		
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00		
No	Transit Improvements	Provide BRT System	0.00		
No	Transit Improvements	Expand Transit Network	0.00		
No	Transit Improvements	Increase Transit Frequency	0.00		
	Transit Improvements	Transit Improvements Subtotal	0.00		
		Land Use and Site Enhancement Subtotal	0.00		
No	Commute	Implement Trip Reduction Program			
No	Commute	Transit Subsidy			
No	Commute	Implement Employee Parking "Cash Out"			
No	Commute	Workplace Parking Charge			
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00		
No	Commute	Market Commute Trip Reduction Option	0.00		
No	Commute	Employee Vanpool/Shuttle	0.00		2.00
No	Commute	Provide Ride Sharing Program			

	Commute	Commute Subtotal	0.00		
No	School Trip	Implement School Bus Program	0.00		
		Total VMT Reduction	0.00		

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	50.00
No	Use Low VOC Paint (Residential Exterior)	50.00
No	Use Low VOC Paint (Non-residential Interior)	50.00
No	Use Low VOC Paint (Non-residential Exterior)	100.00
No	Use Low VOC Paint (Parking)	100.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00

Fan	50.00
Refrigerator	15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services Percent Reduction in Waste Disposed	

Ambient Air Quality Data*

Pollutant	Averaging Time	2020	Most Stringent AQ Standard	Monitoring Station***
CO	1 hour	5.1	20 Central LA	
CO	8 hour	4.6	9 Central LA	

*Data was taken from EPA AirData (<http://www.epa.gov/airdata/>) and represent the highest concentrations experienced over a given year. Data is presented in parts per million.

** The 2015 CO concentration represents the highest concentration experienced from 2015 to 2017 at the Los Angeles - North Main Street Monitoring Station; therefore, this background concentration was used as the background concentration in the Caline4 models.

*** The Central LA Monitoring Station, is the nearest air-monitoring station to the project area, and projected 2020 is the year closest to the 2030 buildout year.

		2015	2016	2017
CO	1 hour	3.2	1.8	2
	8 hour	1.5	1.3	1.8
	Ratios	0.47	0.72	0.90
	Average	0.70		

CL4 Assumptions

Virgil Avenue & Santa Monica Boulevard

Project plus Cumulative Conditions (2030)

Job Parameters

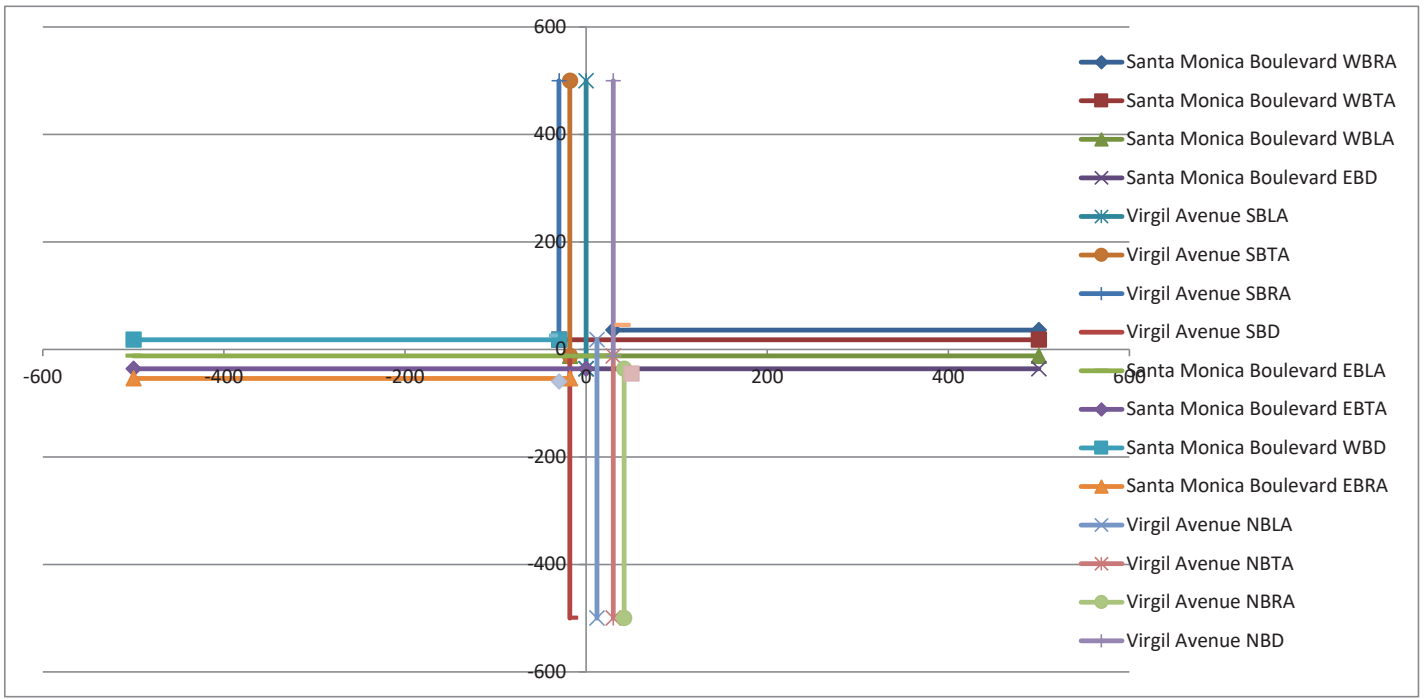
File Name	Virgil&Santamonica
Run type	Worst-case wind angle
Aerodynamic roughness coefficient	Central Business District
Link/Receptor Geometry	feet
Altitude above sea level (ft)	490
Number of links	16
Number of receptors	4
Averaging interval	1 hour

Link geometry

Link name	link type	endpoint 1 coordinate x	endpoint 1 coordinate y	endpoint 2 coordinate x	endpoint 2 coordinate y	link height	mixing zone width
Santa Monica Boulevard WBRA	at-grade	500	36	30	36	0	33
Santa Monica Boulevard WBTA	at-grade	500	18	-30	18	0	33
Santa Monica Boulevard WBLA	at-grade	500	-12	-18	-12	0	33
Santa Monica Boulevard WBD	at-grade	-30	18	-500	18	0	33
Santa Monica Boulevard EBLA	at-grade	-500	-12	30	-12	0	33
Santa Monica Boulevard EBTA	at-grade	-500	-36	0	-36	0	33
Santa Monica Boulevard EBRA	at-grade	-500	-54	-18	-54	0	33
Santa Monica Boulevard EBD	at-grade	0	-36	500	-36	0	33
Virgil Avenue NBLA	at-grade	12	-500	12	18	0	33
Virgil Avenue NBTA	at-grade	30	-500	30	-12	0	33
Virgil Avenue NBRA	at-grade	42	-500	42	-36	0	33
Virgil Avenue NBD	at-grade	30	-12	30	500	0	33
Virgil Avenue SBLA	at-grade	0	500	0	-36	0	33
Virgil Avenue SBTA	at-grade	-18	500	-18	-12	0	33
Virgil Avenue SBRA	at-grade	-30	500	-30	18	0	33
Virgil Avenue SBD	at-grade	-18	-12	-18	-500	0	33

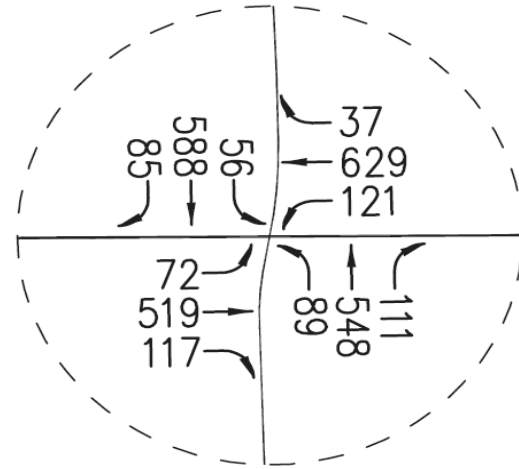
Sensitive Receptors

	x	y	z
SR1	-40	25	5.9
SR2	40	45	5.9
SR3	-30	-60	5.9
SR4	50	-45	5.9



Link activity

Link/run	Traffic volume	Emission factor
EBLA	72	2.11
EBTA	519	2.11
EBRA	117	2.11
EBD	686	2.11
WBLA	121	2.11
WBTA	629	2.11
WBRA	37	2.11
WBD	803	2.11
NBLA	89	2.11
NBTA	548	2.11
NBRA	111	2.11
NBD	657	2.11
SBLA	56	2.11
SBTA	588	2.11
SBRA	85	2.11
SBD	826	2.11



No. 24
Virgil Ave

**VIIII AVE/
Santa Monica Blvd**

Run conditions

Run:	Hour 1	
Wind speed (m/s)		1
Wind direction (degrees)		0
Wind direction standard deviation (degrees)		10
Atmospheric stability class (1-7)		7
Mixing height (m)	1000 meters	SCAQMD 1993 CEQA Handbook
Ambient temperature (degrees Celsius)		6.8
Ambient pollutant concentration		5.1

EMFAC Assumptions

Ambient temperature	44.3 F	6.8 C
Veh type, Veh tech	all, all	
Speed	5 mph	
Year	2030	

IV. Model Results Worst Case Wind Angle

	RECEPTOR	BRG (DEG)	PRED CONC (PPM)	
1 Recpt	SR1		162	0.0
2 Recpt	SR2		195	0.0
3 Recpt	SR3		72	0.1
4 Recpt	SR4		289	0.1

	RECEPTOR	1-HOUR	8-HOUR Persistence Factor*	0.70
1 Recpt	SR1	5.1	4.60	
2 Recpt	SR2	5.1	4.60	
3 Recpt	SR3	5.2	4.67	
4 Recpt	SR4	5.2	4.67	

* A persistence factor of 0.7 was used in the Air Quality Analysis
Persistence factor based on a urban site in the SCAQMD 1993 CEQA Handbook.

CL4 Assumptions

Normandie Avenue & Santa Monica Project plus Cumulative Conditions (2030)

Job Parameters

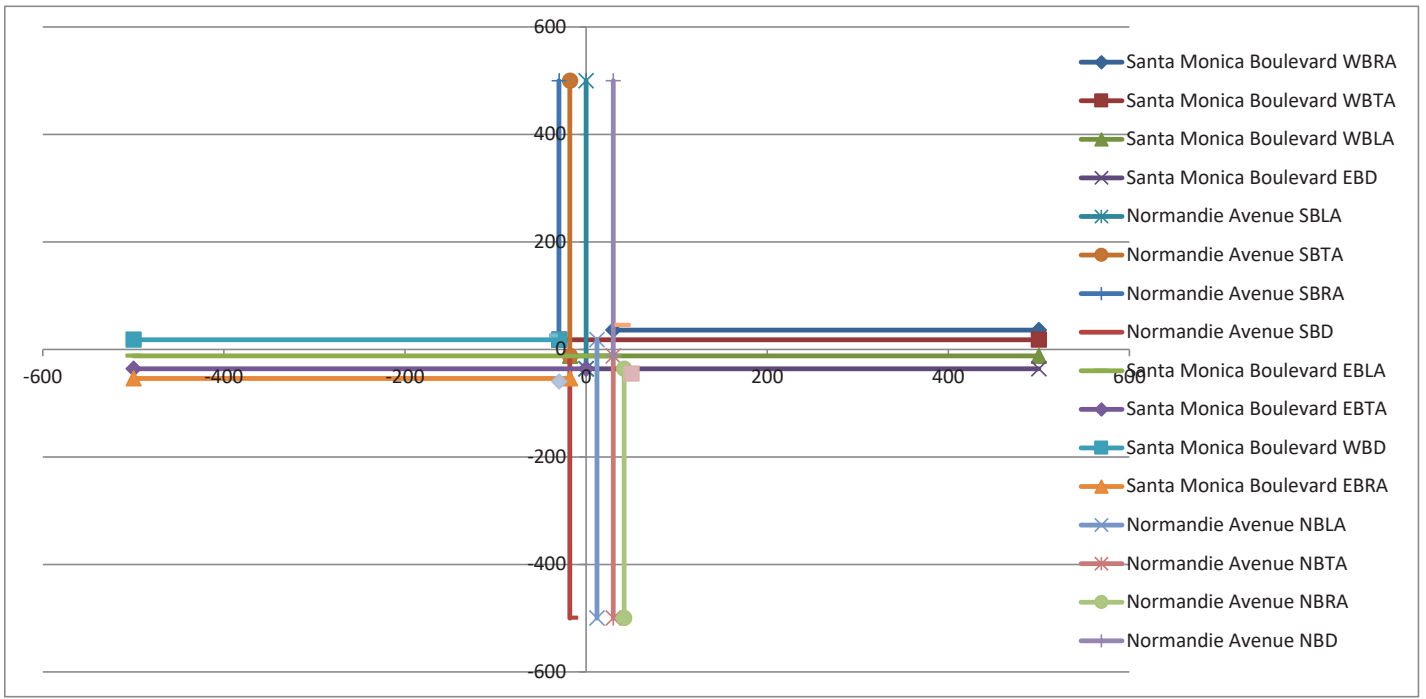
File Name	Normandie&SantaMonica
Run type	Worst-case wind angle
Aerodynamic roughness coefficient	Central Business District
Link/Receptor Geometry	feet
Altitude above sea level (ft)	490
Number of links	16
Number of receptors	4
Averaging interval	1 hour

Link geometry

Link name	link type	endpoint 1 coordinate x	endpoint 1 coordinate y	endpoint 2 coordinate x	endpoint 2 coordinate y	link height	mixing zone width
Santa Monica Boulevard WBRA	at-grade	500	36	30	36	0	33
Santa Monica Boulevard WBTA	at-grade	500	18	-30	18	0	33
Santa Monica Boulevard WBLA	at-grade	500	-12	-18	-12	0	33
Santa Monica Boulevard WBD	at-grade	-30	18	-500	18	0	33
Santa Monica Boulevard EBLA	at-grade	-500	-12	30	-12	0	33
Santa Monica Boulevard EBTA	at-grade	-500	-36	0	-36	0	33
Santa Monica Boulevard EBRA	at-grade	-500	-54	-18	-54	0	33
Santa Monica Boulevard EBD	at-grade	0	-36	500	-36	0	33
Normandie Avenue NBLA	at-grade	12	-500	12	18	0	33
Normandie Avenue NBTA	at-grade	30	-500	30	-12	0	33
Normandie Avenue NBRA	at-grade	42	-500	42	-36	0	33
Normandie Avenue NBD	at-grade	30	-12	30	500	0	33
Normandie Avenue SBLA	at-grade	0	500	0	-36	0	33
Normandie Avenue SBTA	at-grade	-18	500	-18	-12	0	33
Normandie Avenue SBRA	at-grade	-30	500	-30	18	0	33
Normandie Avenue SBD	at-grade	-18	-12	-18	-500	0	33

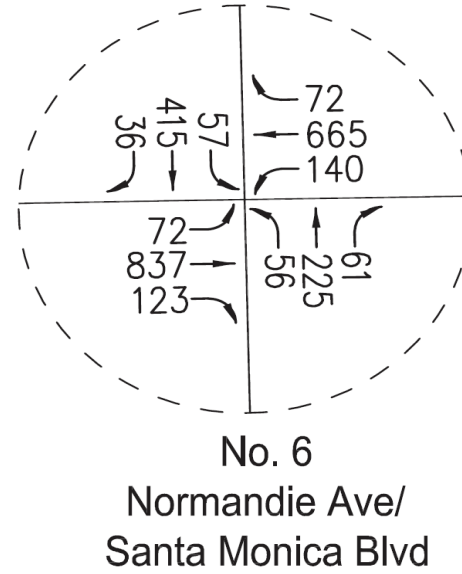
Sensitive Receptors

	x	y	z
SR1	-40	25	5.9
SR2	40	45	5.9
SR3	-30	-60	5.9
SR4	50	-45	5.9



Link activity

Link/run	Traffic volume	Emission factor
EBLA	72	2.11
EBTA	837	2.11
EBRA	123	2.11
EBD	955	2.11
WBLA	140	2.11
WBTA	665	2.11
WBRA	72	2.11
WBD	757	2.11
NBLA	56	2.11
NBTA	225	2.11
NBRA	61	2.11
NBD	369	2.11
SBLA	57	2.11
SBTA	415	2.11
SBRA	36	2.11
SBD	678	2.11



Run conditions

Run:	Hour 1	
Wind speed (m/s)		1
Wind direction (degrees)		0
Wind direction standard deviation (degrees)		10
Atmospheric stability class (1-7)		7
Mixing height (m)	1000 meters	SCAQMD 1993 CEQA Handbook
Ambient temperature (degrees Celsius)		6.8
Ambient pollutant concentration		5.1

EMFAC Assumptions

Ambient temperature	44.3 F	6.8 C
Veh type, Veh tech	all, all	
Speed	5 mph	
Year	2030	

IV. Model Results Worst Case Wind Angle

	RECEPTOR	BRG (DEG)	PRED CONC (PPM)
1 Recpt	SR1		105
2 Recpt	SR2		199
3 Recpt	SR3		70
4 Recpt	SR4		287

	RECEPTOR	1-HOUR	8-HOUR Persistence Factor*	0.70
1 Recpt	SR1	5.2	4.67	
2 Recpt	SR2	5.1	4.60	
3 Recpt	SR3	5.2	4.67	
4 Recpt	SR4	5.2	4.67	

* A persistence factor of 0.7 was used in the Air Quality Analysis
Persistence factor based on a urban site in the SCAQMD 1993 CEQA Handbook.

CL4 Assumptions

Vermont Avenue & Sunset Boulevard

Project plus Cumulative Conditions (2030)

Job Parameters

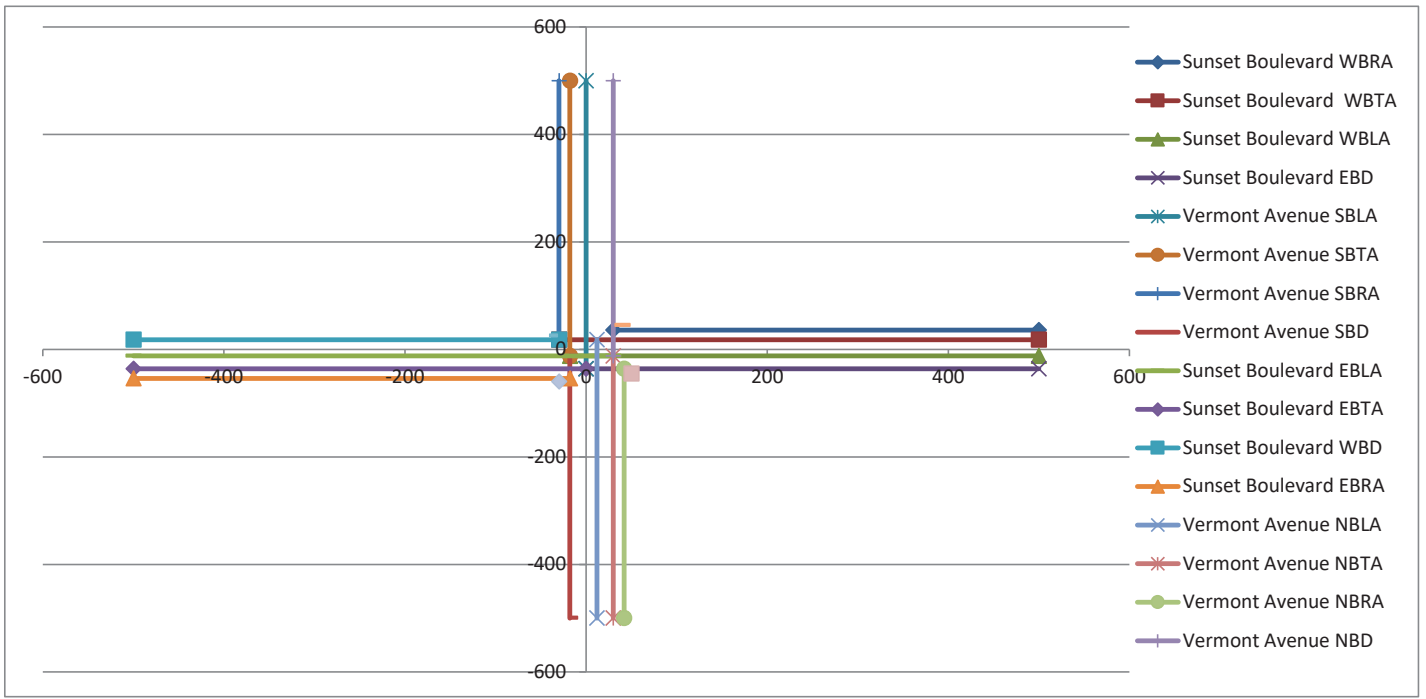
File Name	Vermont&Sunset
Run type	Worst-case wind angle
Aerodynamic roughness coefficient	Central Business District
Link/Receptor Geometry	feet
Altitude above sea level (ft)	490
Number of links	16
Number of receptors	4
Averaging interval	1 hour

Link geometry

Link name	link type	endpoint 1 coordinate x	endpoint 1 coordinate y	endpoint 2 coordinate x	endpoint 2 coordinate y	link height	mixing zone width
Sunset Boulevard WBRA	at-grade	500	36	30	36	0	33
Sunset Boulevard WBTA	at-grade	500	18	-30	18	0	33
Sunset Boulevard WBLA	at-grade	500	-12	-18	-12	0	33
Sunset Boulevard WBD	at-grade	-30	18	-500	18	0	33
Sunset Boulevard EBLA	at-grade	-500	-12	30	-12	0	33
Sunset Boulevard EBTA	at-grade	-500	-36	0	-36	0	33
Sunset Boulevard EBRA	at-grade	-500	-54	-18	-54	0	33
Sunset Boulevard EBD	at-grade	0	-36	500	-36	0	33
Vermont Avenue NBLA	at-grade	12	-500	12	18	0	33
Vermont Avenue NBTA	at-grade	30	-500	30	-12	0	33
Vermont Avenue NBRA	at-grade	42	-500	42	-36	0	33
Vermont Avenue NBD	at-grade	30	-12	30	500	0	33
Vermont Avenue SBLA	at-grade	0	500	0	-36	0	33
Vermont Avenue SBTA	at-grade	-18	500	-18	-12	0	33
Vermont Avenue SBRA	at-grade	-30	500	-30	18	0	33
Vermont Avenue SBD	at-grade	-18	-12	-18	-500	0	33

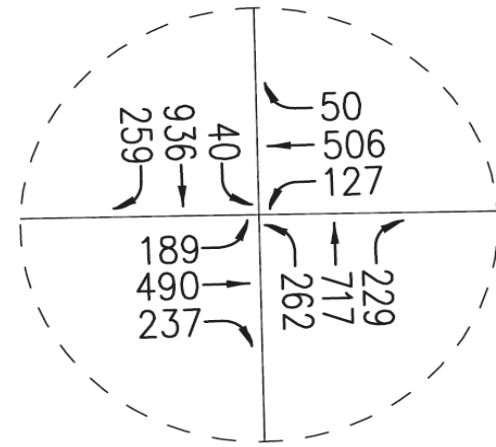
Sensitive Receptors

	x	y	z
SR1	-40	25	5.9
SR2	40	45	5.9
SR3	-30	-60	5.9
SR4	50	-45	5.9



Link activity

Link/run	Traffic volume	Emission factor
EBLA	189	2.11
EBTA	490	2.11
EBRA	237	2.11
EBD	759	2.11
WBLA	127	2.11
WBTA	506	2.11
WBRA	50	2.11
WBD	1027	2.11
NBLA	262	2.11
NBTA	717	2.11
NBRA	229	2.11
NBD	956	2.11
SBLA	40	2.11
SBTA	936	2.11
SBRA	259	2.11
SBD	1300	2.11



No. 14
Vermont Ave/Sunset Blvd

Run conditions

Run:	Hour 1	
Wind speed (m/s)		1
Wind direction (degrees)		0
Wind direction standard deviation (degrees)		10
Atmospheric stability class (1-7)		7
Mixing height (m)	1000 meters	SCAQMD 1993 CEQA Handbook
Ambient temperature (degrees Celsius)		6.8
Ambient pollutant concentration		5.1

EMFAC Assumptions

Ambient temperature	44.3 F	6.8 C
Veh type, Veh tech	all, all	
Speed	5 mph	
Year	2030	

IV. Model Results Worst Case Wind Angle

	RECEPTOR	BRG (DEG)	PRED CONC (PPM)
1 Recpt	SR1		161
2 Recpt	SR2		195
3 Recpt	SR3		72
4 Recpt	SR4		341

	RECEPTOR	1-HOUR	8-HOUR Persistence Factor*	0.70
1 Recpt	SR1	5.2	4.67	
2 Recpt	SR2	5.1	4.60	
3 Recpt	SR3	5.2	4.67	
4 Recpt	SR4	5.2	4.67	

* A persistence factor of 0.7 was used in the Air Quality Analysis
Persistence factor based on a urban site in the SCAQMD 1993 CEQA Handbook.

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Normandie&SantaMonica
 RUN: STANDARD RUN (WORST CASE ANGLE)
 POLLUTANT: CO

I. SITE VARIABLES

U= 1.0 M/S	Z0= 400. CM	ALT= 149.4 (M)
BRG= WORST CASE	VD= 0.0 CM/S	
CLAS= 7 (G)	VS= 0.0 CM/S	
MIXH= 1000. M	AMB= 5.1 PPM	
SIGTH= 10. DEGREES	TEMP= 5.1 DEGREE (C)	

II. LINK VARIABLES

LINK	*	LINK COORDINATES (FT)				*	EF	H	W	
DESCRIPTION	*	X1	Y1	X2	Y2	* TYPE	(G/MI)	(FT)	(FT)	
A. Santa Monica	*	500	36	30	36	* AG	72	2.1	0.0	33.0
B. Santa Monica	*	500	18	-30	18	* AG	837	2.1	0.0	33.0
C. Santa Monica	*	500	-12	-18	-12	* AG	123	2.1	0.0	33.0
D. Santa Monica	*	-30	18	-500	18	* AG	955	2.1	0.0	33.0
E. Santa Monica	*	-500	-12	30	-12	* AG	140	2.1	0.0	33.0
F. Santa Monica	*	-500	-36	0	-36	* AG	665	2.1	0.0	33.0
G. Santa Monica	*	-500	-54	-18	-54	* AG	72	2.1	0.0	33.0
H. Santa Monica	*	0	-36	500	-36	* AG	757	2.1	0.0	33.0
I. Normandie Av	*	12	-500	12	18	* AG	56	2.1	0.0	33.0
J. Normandie Av	*	30	-500	30	-12	* AG	225	2.1	0.0	33.0
K. Normandie Av	*	42	-500	42	-36	* AG	61	2.1	0.0	33.0
L. Normandie Av	*	30	-12	30	500	* AG	369	2.1	0.0	33.0
M. Normandie Av	*	0	500	0	-36	* AG	57	2.1	0.0	33.0
N. Normandie Av	*	-18	500	-18	-12	* AG	415	2.1	0.0	33.0
O. Normandie Av	*	-30	500	-30	18	* AG	36	2.1	0.0	33.0
P. Normandie Av	*	-18	-12	-18	-500	* AG	678	2.1	0.0	33.0

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)		
	*	X	Y	Z
1. SR1	*	-60	50	5.9
2. SR2	*	60	70	5.9
3. SR3	*	-50	-80	5.9
4. SR4	*	70	-70	5.9

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Vermont&Sunset
 RUN: STANDARD RUN (WORST CASE ANGLE)
 POLLUTANT: CO

I. SITE VARIABLES

U= 1.0 M/S	Z0= 400. CM	ALT= 149.4 (M)
BRG= WORST CASE	VD= 0.0 CM/S	
CLAS= 7 (G)	VS= 0.0 CM/S	
MIXH= 1000. M	AMB= 5.1 PPM	
SIGTH= 10. DEGREES	TEMP= 5.1 DEGREE (C)	

II. LINK VARIABLES

LINK	*	LINK COORDINATES (FT)				*	EF	H	W	
DESCRIPTION	*	X1	Y1	X2	Y2	* TYPE	(G/MI)	(FT)	(FT)	
A. Sunset Boule	*	500	36	30	36	* AG	189	2.1	0.0	33.0
B. Sunset Boule	*	500	18	-30	18	* AG	490	2.1	0.0	33.0
C. Sunset Boule	*	500	-12	-18	-12	* AG	237	2.1	0.0	33.0
D. Sunset Boule	*	-30	18	-500	18	* AG	759	2.1	0.0	33.0
E. Sunset Boule	*	-500	-12	30	-12	* AG	127	2.1	0.0	33.0
F. Sunset Boule	*	-500	-36	0	-36	* AG	506	2.1	0.0	33.0
G. Sunset Boule	*	-500	-54	-18	-54	* AG	50	2.1	0.0	33.0
H. Sunset Boule	*	0	-36	500	-36	* AG	1027	2.1	0.0	33.0
I. Vermont Aven	*	12	-500	12	18	* AG	262	2.1	0.0	33.0
J. Vermont Aven	*	30	-500	30	-12	* AG	717	2.1	0.0	33.0
K. Vermont Aven	*	42	-500	42	-36	* AG	229	2.1	0.0	33.0
L. Vermont Aven	*	30	-12	30	500	* AG	956	2.1	0.0	33.0
M. Vermont Aven	*	0	500	0	-36	* AG	40	2.1	0.0	33.0
N. Vermont Aven	*	-18	500	-18	-12	* AG	936	2.1	0.0	33.0
O. Vermont Aven	*	-30	500	-30	18	* AG	259	2.1	0.0	33.0
P. Vermont Aven	*	-18	-12	-18	-500	* AG	1300	2.1	0.0	33.0

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)		
	*	X	Y	Z
1. SR1	*	-60	50	5.9
2. SR2	*	60	70	5.9
3. SR3	*	-50	-80	5.9
4. SR4	*	70	-70	5.9

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

JOB: Vermont&Sunset
 RUN: STANDARD RUN (WORST CASE ANGLE)
 POLLUTANT: CO

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	* * BRG * (DEG)	* PRED * CONC * (PPM)	CONC/LINK (PPM)									
			* * A	* * B	* * C	* * D	* * E	* * F	* * G	* * H		
1. SR1	* 161.	* 5.4	* 0.0	* 0.0	* 0.0	* 0.1	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0
2. SR2	* 195.	* 5.4	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0
3. SR3	* 72.	* 5.4	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.1
4. SR4	* 341.	* 5.4	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.1

RECEPTOR	CONC/LINK (PPM)								
	* * I	* * J	* * K	* * L	* * M	* * N	* * O	* * P	
1. SR1	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.1	
2. SR2	* 0.0	* 0.1	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.1	
3. SR3	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.0	* 0.1	
4. SR4	* 0.0	* 0.0	* 0.0	* 0.1	* 0.0	* 0.1	* 0.0	* 0.0	

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Virgil&SantaMonica
 RUN: STANDARD RUN (WORST CASE ANGLE)
 POLLUTANT: CO

I. SITE VARIABLES

U= 1.0 M/S Z0= 400. CM ALT= 149.4 (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 5.1 PPM
 SIGTH= 10. DEGREES TEMP= 5.1 DEGREE (C)

II. LINK VARIABLES

LINK	* LINK COORDINATES (FT) *	EF	H	W
DESCRIPTION	* X1 Y1 X2 Y2 * TYPE	(G/MI)	(FT)	(FT)
A. Santa Monica	* 500 36 30 36 * AG	72	2.1	0.0 33.0
B. Santa Monica	* 500 18 -30 18 * AG	519	2.1	0.0 33.0
C. Santa Monica	* 500 -12 -18 -12 * AG	117	2.1	0.0 33.0
D. Santa Monica	* -30 18 -500 18 * AG	686	2.1	0.0 33.0
E. Santa Monica	* -500 -12 30 -12 * AG	121	2.1	0.0 33.0
F. Santa Monica	* -500 -36 0 -36 * AG	629	2.1	0.0 33.0
G. Santa Monica	* -500 -54 -18 -54 * AG	37	2.1	0.0 33.0
H. Santa Monica	* 0 -36 500 -36 * AG	803	2.1	0.0 33.0
I. Virgil Avenu	* 12 -500 12 18 * AG	89	2.1	0.0 33.0
J. Virgil Avenu	* 30 -500 30 -12 * AG	548	2.1	0.0 33.0
K. Virgil Avenu	* 42 -500 42 -36 * AG	111	2.1	0.0 33.0
L. Virgil Avenu	* 30 -12 30 500 * AG	657	2.1	0.0 33.0
M. Virgil Avenu	* 0 500 0 -36 * AG	56	2.1	0.0 33.0
N. Virgil Avenu	* -18 500 -18 -12 * AG	588	2.1	0.0 33.0
O. Virgil Avenu	* -30 500 -30 18 * AG	85	2.1	0.0 33.0
P. Virgil Avenu	* -18 -12 -18 -500 * AG	826	2.1	0.0 33.0

III. RECEPTOR LOCATIONS

RECEPTOR	* COORDINATES (FT) *
	X Y Z
1. SR1	* -60 50 5.9
2. SR2	* 60 70 5.9
3. SR3	* -50 -80 5.9
4. SR4	* 70 -70 5.9

Kaiser LAMC - Phase 3 (Option A) - Project without Reduction Features - Los Angeles-South Coast County, Annual

**Kaiser LAMC - Phase 3 (Option A) - Project without Reduction Features
Los Angeles-South Coast County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	130.00	1000sqft	2.98	130,000.00	0
Medical Office Building	50.00	1000sqft	1.15	50,000.00	0
Medical Office Building	177.30	1000sqft	4.07	177,300.00	0
Medical Office Building	41.50	1000sqft	0.95	41,500.00	0
Enclosed Parking with Elevator	302.80	1000sqft	6.95	302,800.00	0
Enclosed Parking with Elevator	230.60	1000sqft	5.29	230,600.00	0
Enclosed Parking with Elevator	122.40	1000sqft	2.81	122,400.00	0
Parking Lot	6.00	Space	0.05	2,400.00	0
Strip Mall	2.30	1000sqft	0.05	2,300.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2030
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	1045.01	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP CO2 Intensity Factor adjusted for year 2011 based on the LADWP Power Content Label of 20% renewables, which is the RPS requirement per SB X1 2

Land Use - All land uses constructed in Phases 1 through 3 (Option A). Acreages based on CalEEMod defaults

Construction Phase - Modeling operations only

Off-road Equipment - Modeling operations only

Trips and VMT - Modeling operations only

Vehicle Trips - Pass-by % based on LLG TIS. No transit reduction was accounted for. Adjusted Saturday and Sunday trip rates based on weekday factor

Woodstoves - Not applicable

Area Coating - Adjusted non-residential interior VOC to 50 g/L per Rule 1113

Energy Use - Based on 2008 Title 24 Energy Standards

Water And Wastewater - Water use data based on LADWP WSA water demand without reductions

Solid Waste - Solid waste based on assumptions of EIR

Stationary Sources - Emergency Generators and Fire Pumps - Modeled separately

Stationary Sources - Emergency Generators and Fire Pumps EF - Modeled separately

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblEnergyUse	LightingElect	1.75	2.63
tblEnergyUse	LightingElect	3.77	4.29
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	6.26	0.00
tblEnergyUse	NT24E	3.23	0.00
tblEnergyUse	NT24NG	0.49	0.00
tblEnergyUse	T24E	4.60	5.62
tblEnergyUse	T24E	4.01	0.00
tblEnergyUse	T24NG	10.02	10.54
tblEnergyUse	T24NG	1.15	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	1045.01
tblSolidWaste	SolidWasteGenerationRate	0.00	113.24
tblSolidWaste	SolidWasteGenerationRate	4,307.04	3,542.83

tblSolidWaste	SolidWasteGenerationRate	2.42	22.92
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	60.00	90.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	42.04	40.42
tblVehicleTrips	SU_TR	20.43	19.64
tblVehicleTrips	WD_TR	44.32	42.61
tblWater	IndoorWaterUseRate	0.00	157,315.00
tblWater	IndoorWaterUseRate	50,041,638.38	48,529,543.17
tblWater	IndoorWaterUseRate	170,366.80	28,231.83
tblWater	OutdoorWaterUseRate	9,531,740.64	451,242.49
tblWater	OutdoorWaterUseRate	104,418.36	262.51

2.0 Emissions Summary

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					
2014	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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					
2014	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

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	1.6185	1.2000e-004	0.0135	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0264	0.0264	7.0000e-005	0.0000	0.0281
Energy	0.0235	0.2137	0.1795	1.2800e-003		0.0162	0.0162		0.0162	0.0162	0.0000	5,074.4411	5,074.4411	0.1388	0.0321	5,087.4668
Mobile	2.2858	12.0785	30.8196	0.1434	14.4031	0.0913	14.4944	3.8592	0.0847	3.9439	0.0000	13,326.9440	13,326.9440	0.5577	0.0000	13,340.8869
Waste						0.0000	0.0000		0.0000	0.0000	746.8017	0.0000	746.8017	44.1347	0.0000	1,850.1697
Water						0.0000	0.0000		0.0000	0.0000	15.4551	303.0505	318.5055	1.5958	0.0392	370.0883
Total	3.9278	12.2923	31.0126	0.1447	14.4031	0.1076	14.5106	3.8592	0.1010	3.9602	762.2568	18,704.4619	19,466.7187	46.4271	0.0713	20,648.6397

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	1.6185	1.2000e-004	0.0135	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0264	0.0264	7.0000e-005	0.0000	0.0281
Energy	0.0235	0.2137	0.1795	1.2800e-003		0.0162	0.0162		0.0162	0.0162	0.0000	5,074.4411	5,074.4411	0.1388	0.0321	5,087.4668
Mobile	2.2858	12.0785	30.8196	0.1434	14.4031	0.0913	14.4944	3.8592	0.0847	3.9439	0.0000	13,326.9440	13,326.9440	0.5577	0.0000	13,340.8869
Waste						0.0000	0.0000		0.0000	0.0000	746.8017	0.0000	746.8017	44.1347	0.0000	1,850.1697
Water						0.0000	0.0000		0.0000	0.0000	15.4551	303.0505	318.5055	1.5958	0.0392	370.0883
Total	3.9278	12.2923	31.0126	0.1447	14.4031	0.1076	14.5106	3.8592	0.1010	3.9602	762.2568	18,704.4619	19,466.7187	46.4271	0.0713	20,648.6397

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2014	1/28/2014	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 15.1

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2014

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					

Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.2858	12.0785	30.8196	0.1434	14.4031	0.0913	14.4944	3.8592	0.0847	3.9439	0.0000	13,326.94 40	13,326.94 40	0.5577	0.0000	13,340.88 69
Unmitigated	2.2858	12.0785	30.8196	0.1434	14.4031	0.0913	14.4944	3.8592	0.0847	3.9439	0.0000	13,326.94 40	13,326.94 40	0.5577	0.0000	13,340.88 69

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		

Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Medical Office Building	4,696.90	1,164.80	201.50	12,273,685	12,273,685
Medical Office Building	1,806.50	448.00	77.50	4,720,648	4,720,648
Medical Office Building	6,405.85	1,588.61	274.82	16,739,418	16,739,418
Medical Office Building	1,499.40	371.84	64.33	3,918,138	3,918,138
Parking Lot	0.00	0.00	0.00		
Strip Mall	98.00	92.97	45.17	309,530	309,530
Total	14,506.65	3,666.21	663.31	37,961,419	37,961,419

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812
Medical Office Building	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812
Parking Lot	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812
Strip Mall	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812

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	4,841.8344	4,841.8344	0.1344	0.0278	4,853.4779
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	4,841.8344	4,841.8344	0.1344	0.0278	4,853.4779
NaturalGas Mitigated	0.0235	0.2137	0.1795	1.2800e-003		0.0162	0.0162		0.0162	0.0162	0.0000	232.6067	232.6067	4.4600e-003	4.2600e-003	233.9889
NaturalGas Unmitigated	0.0235	0.2137	0.1795	1.2800e-003		0.0162	0.0162		0.0162	0.0162	0.0000	232.6067	232.6067	4.4600e-003	4.2600e-003	233.9889

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					
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
Medical Office Building	1.4209e+006	7.6600e-003	0.0697	0.0585	4.2000e-004		5.2900e-003	5.2900e-003		5.2900e-003	5.2900e-003	0.0000	75.8246	75.8246	1.4500e-003	1.3900e-003	76.2752
Medical Office Building	1.93789e+006	0.0105	0.0950	0.0798	5.7000e-004		7.2200e-003	7.2200e-003		7.2200e-003	7.2200e-003	0.0000	103.4131	103.4131	1.9800e-003	1.9000e-003	104.0277
Medical Office Building	453595	2.4500e-003	0.0222	0.0187	1.3000e-004		1.6900e-003	1.6900e-003		1.6900e-003	1.6900e-003	0.0000	24.2056	24.2056	4.6000e-004	4.4000e-004	24.3494
Medical Office Building	546500	2.9500e-003	0.0268	0.0225	1.6000e-004		2.0400e-003	2.0400e-003		2.0400e-003	2.0400e-003	0.0000	29.1633	29.1633	5.6000e-004	5.3000e-004	29.3366
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	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		0.0235	0.2137	0.1795	1.2800e-003		0.0162	0.0162		0.0162	0.0162	0.0000	232.6067	232.6067	4.4500e-003	4.2600e-003	233.9889

Mitigated

	Natural Gas 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					
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
Medical Office Building	1.93789e+006	0.0105	0.0950	0.0798	5.7000e-004		7.2200e-003	7.2200e-003		7.2200e-003	7.2200e-003	0.0000	103.4131	103.4131	1.9800e-003	1.9000e-003	104.0277
Medical Office Building	453595	2.4500e-003	0.0222	0.0187	1.3000e-004		1.6900e-003	1.6900e-003		1.6900e-003	1.6900e-003	0.0000	24.2056	24.2056	4.6000e-004	4.4000e-004	24.3494
Medical Office Building	546500	2.9500e-003	0.0268	0.0225	1.6000e-004		2.0400e-003	2.0400e-003		2.0400e-003	2.0400e-003	0.0000	29.1633	29.1633	5.6000e-004	5.3000e-004	29.3366
Medical Office Building	1.4209e+006	7.6600e-003	0.0697	0.0585	4.2000e-004		5.2900e-003	5.2900e-003		5.2900e-003	5.2900e-003	0.0000	75.8246	75.8246	1.4500e-003	1.3900e-003	76.2752
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	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		0.0235	0.2137	0.1795	1.2800e-003		0.0162	0.0162		0.0162	0.0162	0.0000	232.6067	232.6067	4.4500e-003	4.2600e-003	233.9889

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	1.55424e+006	736.7250	0.0204	4.2300e-003	738.4966
Enclosed Parking with Elevator	2.04087e+006	967.3908	0.0269	5.5500e-003	969.7172
Enclosed Parking with Elevator	824976	391.0457	0.0109	2.2500e-003	391.9861
Medical Office Building	1.8889e+006	895.3548	0.0249	5.1400e-003	897.5079
Medical Office Building	2.57617e+006	1,221.1262	0.0339	7.0100e-003	1,224.0627
Medical Office Building	602995	285.8248	7.9300e-003	1.6400e-003	286.5121

Medical Office Building	726500	344.3672	9.5600e-003	1.9800e-003	345.1953
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		4,841.8344	0.1344	0.0278	4,853.4779

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	1.55424e+006	736.7250	0.0204	4.2300e-003	738.4966
Enclosed Parking with Elevator	2.04087e+006	967.3908	0.0269	5.5500e-003	969.7172
Enclosed Parking with Elevator	824976	391.0457	0.0109	2.2500e-003	391.9861
Medical Office Building	1.8889e+006	895.3548	0.0249	5.1400e-003	897.5079
Medical Office Building	2.57617e+006	1,221.1262	0.0339	7.0100e-003	1,224.0627
Medical Office Building	602995	285.8248	7.9300e-003	1.6400e-003	286.5121
Medical Office Building	726500	344.3672	9.5600e-003	1.9800e-003	345.1953
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		4,841.8344	0.1344	0.0278	4,853.4779

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.6185	1.2000e-004	0.0135	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0264	0.0264	7.0000e-005	0.0000	0.0281
Unmitigated	1.6185	1.2000e-004	0.0135	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0264	0.0264	7.0000e-005	0.0000	0.0281

6.2 Area by SubCategory
Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1254					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.4919					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.2300e-003	1.2000e-004	0.0135	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0264	0.0264	7.0000e-005	0.0000	0.0281
Total	1.6185	1.2000e-004	0.0135	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0264	0.0264	7.0000e-005	0.0000	0.0281

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					

Architectural Coating	0.1254					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Consumer Products	1.4919					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Landscaping	1.2300e-003	1.2000e-004	0.0135	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0264	0.0264	7.0000e-005	0.0000	0.0281
Total	1.6185	1.2000e-004	0.0135	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0264	0.0264	7.0000e-005	0.0000	0.0281

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	318.5055	1.5958	0.0392	370.0883
Unmitigated	318.5055	1.5958	0.0392	370.0883

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0.157315 / 0	1.0209	5.1500e-003	1.3000e-004	1.1874
Medical Office Building	48.5295 / 0.451242	317.3001	1.5897	0.0391	368.6864
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000

Strip Mall	0.0282318 /	0.1846	9.2000e-004	2.0000e-005	0.2145
Total		318.5055	1.5958	0.0392	370.0883

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0.157315 / 0	1.0209	5.1500e-003	1.3000e-004	1.1874
Medical Office Building	48.5295 / 0.451242	317.3001	1.5897	0.0391	368.6864
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.0282318 /	0.1846	9.2000e-004	2.0000e-005	0.2145
Total		318.5055	1.5958	0.0392	370.0883

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	746.8017	44.1347	0.0000	1,850.1697
Unmitigated	746.8017	44.1347	0.0000	1,850.1697

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	113.24	22.9867	1.3585	0.0000	56.9486
Medical Office Building	3542.83	719.1625	42.5013	0.0000	1,781.6946
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	22.92	4.6526	0.2750	0.0000	11.5265
Total		746.8017	44.1347	0.0000	1,850.1697

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	113.24	22.9867	1.3585	0.0000	56.9486
Medical Office Building	3542.83	719.1625	42.5013	0.0000	1,781.6946
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	22.92	4.6526	0.2750	0.0000	11.5265
Total		746.8017	44.1347	0.0000	1,850.1697

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Kaiser LAMC - Phase 3 (Option B) - Project without Reduction Features - Los Angeles-South Coast County, Annual

**Kaiser LAMC - Phase 3 (Option B) - Project without Reduction Features
Los Angeles-South Coast County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hospital	105.00	Bed	1.73	177,300.00	0
Medical Office Building	130.00	1000sqft	2.98	130,000.00	0
Medical Office Building	50.00	1000sqft	1.15	50,000.00	0
Medical Office Building	73.50	1000sqft	1.69	73,500.00	0
Enclosed Parking with Elevator	302.80	1000sqft	6.95	302,800.00	0
Enclosed Parking with Elevator	230.60	1000sqft	5.29	230,600.00	0
Enclosed Parking with Elevator	122.40	1000sqft	2.81	122,400.00	0
Parking Lot	6.00	Space	0.05	2,400.00	0
Strip Mall	2.30	1000sqft	0.05	2,300.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2030
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	1045.01	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - LADWP CO2 Intensity Factor adjusted for year 2011 based on the LADWP Power Content Label of 20% renewables, which is the RPS requirement per SB X1 2

Land Use - All land uses constructed in Phases 1 through 3 (Option B). Acreages based on CalEEMod defaults

Construction Phase - Modeling operations only

Off-road Equipment - Modeling operations only

Trips and VMT - Modeling operations only

Vehicle Trips - Pass-by % based on LLG TIS. No transit reduction was accounted for. Adjusted Saturday and Sunday trip rates based on weekday factor

Woodstoves - Not applicable

Area Coating - Adjusted non-residential interior VOC to 50 g/L per Rule 1113

Energy Use - Based on 2008 Title 24 Energy Standards

Water And Wastewater - Water use data based on LADWP WSA water demand without reductions

Solid Waste - Solid waste based on assumptions of EIR

Stationary Sources - Emergency Generators and Fire Pumps - Modeled separately

Stationary Sources - Emergency Generators and Fire Pumps EF - Modeled separately

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblEnergyUse	LightingElect	1.75	2.63
tblEnergyUse	LightingElect	5.31	5.60
tblEnergyUse	LightingElect	3.77	4.29
tblEnergyUse	LightingElect	0.35	0.00
tblEnergyUse	LightingElect	6.26	0.00
tblEnergyUse	NT24E	3.23	0.00
tblEnergyUse	NT24NG	0.49	0.00
tblEnergyUse	T24E	9.96	10.44
tblEnergyUse	T24E	4.60	5.62
tblEnergyUse	T24E	4.01	0.00
tblEnergyUse	T24NG	54.94	55.22
tblEnergyUse	T24NG	10.02	10.54
tblEnergyUse	T24NG	1.15	0.00
tblLandUse	LandUseSquareFeet	75,154.55	177,300.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	1045.01
tblSolidWaste	SolidWasteGenerationRate	0.00	113.24
tblSolidWaste	SolidWasteGenerationRate	306.60	1,025.47
tblSolidWaste	SolidWasteGenerationRate	2,737.80	2,252.03
tblSolidWaste	SolidWasteGenerationRate	2.42	22.92
tblVehicleTrips	DV_TP	25.00	0.00
tblVehicleTrips	DV_TP	30.00	0.00
tblVehicleTrips	DV_TP	40.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PB_TP	15.00	0.00
tblVehicleTrips	PR_TP	73.00	100.00
tblVehicleTrips	PR_TP	60.00	90.00
tblVehicleTrips	PR_TP	45.00	100.00
tblVehicleTrips	ST_TR	42.04	40.42
tblVehicleTrips	SU_TR	20.43	19.64
tblVehicleTrips	WD_TR	44.32	42.61
tblWater	IndoorWaterUseRate	0.00	157,315.00
tblWater	IndoorWaterUseRate	9,430,432.76	13,168,702.20
tblWater	IndoorWaterUseRate	31,809,316.27	30,851,459.43
tblWater	IndoorWaterUseRate	170,366.80	28,229.23
tblWater	OutdoorWaterUseRate	1,796,272.91	71,795.98
tblWater	OutdoorWaterUseRate	6,058,917.39	379,446.51
tblWater	OutdoorWaterUseRate	104,418.36	262.51

2.0 Emissions Summary

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					
2014	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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					
2014	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

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	1.7434	1.2000e-004	0.0130	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0254	0.0254	7.0000e-005	0.0000	0.0270
Energy	0.0771	0.7011	0.5889	4.2100e-003		0.0533	0.0533		0.0533	0.0533	0.0000	6,586.8751	6,586.8751	0.1762	0.0474	6,605.4151
Mobile	1.7616	9.2970	24.2357	0.1134	11.4259	0.0720	11.4979	3.0615	0.0669	3.1283	0.0000	10,536.2091	10,536.2091	0.4387	0.0000	10,547.1767
Waste						0.0000	0.0000		0.0000	0.0000	692.9421	0.0000	692.9421	40.9517	0.0000	1,716.7348
Water						0.0000	0.0000		0.0000	0.0000	14.0244	275.2182	289.2427	1.4481	0.0356	336.0512
Total	3.5821	9.9982	24.8376	0.1176	11.4259	0.1253	11.5512	3.0615	0.1202	3.1816	706.9666	17,398.3278	18,105.2944	43.0148	0.0830	19,205.4048

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	1.7434	1.2000e-004	0.0130	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0254	0.0254	7.0000e-005	0.0000	0.0270
Energy	0.0771	0.7011	0.5889	4.2100e-003		0.0533	0.0533		0.0533	0.0533	0.0000	6,586.8751	6,586.8751	0.1762	0.0474	6,605.4151
Mobile	1.7616	9.2970	24.2357	0.1134	11.4259	0.0720	11.4979	3.0615	0.0669	3.1283	0.0000	10,536.2091	10,536.2091	0.4387	0.0000	10,547.1767
Waste						0.0000	0.0000		0.0000	0.0000	692.9421	0.0000	692.9421	40.9517	0.0000	1,716.7348
Water						0.0000	0.0000		0.0000	0.0000	14.0244	275.2182	289.2427	1.4481	0.0356	336.0512
Total	3.5821	9.9982	24.8376	0.1176	11.4259	0.1253	11.5512	3.0615	0.1202	3.1816	706.9666	17,398.3278	18,105.2944	43.0148	0.0830	19,205.4048

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2014	1/28/2014	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 15.1

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40

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	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2014

Unmitigated Construction On-Site

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					

Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.7616	9.2970	24.2357	0.1134	11.4259	0.0720	11.4979	3.0615	0.0669	3.1283	0.0000	10,536.20 91	10,536.20 91	0.4387	0.0000	10,547.17 67
Unmitigated	1.7616	9.2970	24.2357	0.1134	11.4259	0.0720	11.4979	3.0615	0.0669	3.1283	0.0000	10,536.20 91	10,536.20 91	0.4387	0.0000	10,547.17 67

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		

Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Hospital	1,358.70	854.70	754.95	5,871,395	5,871,395
Medical Office Building	4,696.90	1,164.80	201.50	12,273,685	12,273,685
Medical Office Building	1,806.50	448.00	77.50	4,720,648	4,720,648
Medical Office Building	2,655.56	658.56	113.93	6,939,353	6,939,353
Parking Lot	0.00	0.00	0.00		
Strip Mall	98.00	92.97	45.17	309,530	309,530
Total	10,615.66	3,219.03	1,193.05	30,114,611	30,114,611

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Hospital	16.60	8.40	6.90	64.90	16.10	19.00	100	0	0
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	90	0	10
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812
Hospital	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812
Medical Office Building	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812
Parking Lot	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812
Strip Mall	0.542058	0.044057	0.210689	0.115963	0.013736	0.006367	0.021423	0.034509	0.002637	0.001734	0.005297	0.000719	0.000812

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	5,823.6474	5,823.6474	0.1616	0.0334	5,837.6519
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	5,823.6474	5,823.6474	0.1616	0.0334	5,837.6519
NaturalGas Mitigated	0.0771	0.7011	0.5889	4.2100e-003		0.0533	0.0533		0.0533	0.0533	0.0000	763.2277	763.2277	0.0146	0.0140	767.7632
NaturalGas Unmitigated	0.0771	0.7011	0.5889	4.2100e-003		0.0533	0.0533		0.0533	0.0533	0.0000	763.2277	763.2277	0.0146	0.0140	767.7632

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					
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
Hospital	1.15316e+007	0.0622	0.5653	0.4748	3.3900e-003		0.0430	0.0430		0.0430	0.0430	0.0000	615.3697	615.3697	0.0118	0.0113	619.0265
Medical Office Building	1.4209e+006	7.6600e-003	0.0697	0.0585	4.2000e-004		5.2900e-003	5.2900e-003		5.2900e-003	5.2900e-003	0.0000	75.8246	75.8246	1.4500e-003	1.3900e-003	76.2752
Medical Office Building	546500	2.9500e-003	0.0268	0.0225	1.6000e-004		2.0400e-003	2.0400e-003		2.0400e-003	2.0400e-003	0.0000	29.1633	29.1633	5.6000e-004	5.3000e-004	29.3366
Medical Office Building	803355	4.3300e-003	0.0394	0.0331	2.4000e-004		2.9900e-003	2.9900e-003		2.9900e-003	2.9900e-003	0.0000	42.8701	42.8701	8.2000e-004	7.9000e-004	43.1248
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	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		0.0771	0.7011	0.5889	4.2100e-003		0.0533	0.0533		0.0533	0.0533	0.0000	763.2277	763.2277	0.0146	0.0140	767.7632

Mitigated

	Natural Gas 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					
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
Hospital	1.15316e+007	0.0622	0.5653	0.4748	3.3900e-003		0.0430	0.0430		0.0430	0.0430	0.0000	615.3697	615.3697	0.0118	0.0113	619.0265
Medical Office Building	1.4209e+006	7.6600e-003	0.0697	0.0585	4.2000e-004		5.2900e-003	5.2900e-003		5.2900e-003	5.2900e-003	0.0000	75.8246	75.8246	1.4500e-003	1.3900e-003	76.2752
Medical Office Building	546500	2.9500e-003	0.0268	0.0225	1.6000e-004		2.0400e-003	2.0400e-003		2.0400e-003	2.0400e-003	0.0000	29.1633	29.1633	5.6000e-004	5.3000e-004	29.3366
Medical Office Building	803355	4.3300e-003	0.0394	0.0331	2.4000e-004		2.9900e-003	2.9900e-003		2.9900e-003	2.9900e-003	0.0000	42.8701	42.8701	8.2000e-004	7.9000e-004	43.1248
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	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		0.0771	0.7011	0.5889	4.2100e-003		0.0533	0.0533		0.0533	0.0533	0.0000	763.2277	763.2277	0.0146	0.0140	767.7632

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	1.55424e+006	736.7250	0.0204	4.2300e-003	738.4966
Enclosed Parking with Elevator	2.04087e+006	967.3908	0.0269	5.5500e-003	969.7172
Enclosed Parking with Elevator	824976	391.0457	0.0109	2.2500e-003	391.9861
Hospital	4.18251e+006	1,982.5441	0.0550	0.0114	1,987.3117

Medical Office Building	1.06796e+006	506.2198	0.0141	2.9100e-003	507.4372
Medical Office Building	1.8889e+006	895.3548	0.0249	5.1400e-003	897.5079
Medical Office Building	726500	344.3672	9.5600e-003	1.9800e-003	345.1953
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		5,823.6474	0.1616	0.0334	5,837.6519

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	1.55424e+006	736.7250	0.0204	4.2300e-003	738.4966
Enclosed Parking with Elevator	2.04087e+006	967.3908	0.0269	5.5500e-003	969.7172
Enclosed Parking with Elevator	824976	391.0457	0.0109	2.2500e-003	391.9861
Hospital	4.18251e+006	1,982.5441	0.0550	0.0114	1,987.3117
Medical Office Building	1.06796e+006	506.2198	0.0141	2.9100e-003	507.4372
Medical Office Building	1.8889e+006	895.3548	0.0249	5.1400e-003	897.5079
Medical Office Building	726500	344.3672	9.5600e-003	1.9800e-003	345.1953
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0	0.0000	0.0000	0.0000	0.0000
Total		5,823.6474	0.1616	0.0334	5,837.6519

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.7434	1.2000e-004	0.0130	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0254	0.0254	7.0000e-005	0.0000	0.0270
Unmitigated	1.7434	1.2000e-004	0.0130	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0254	0.0254	7.0000e-005	0.0000	0.0270

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1346					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.6076					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1900e-003	1.2000e-004	0.0130	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0254	0.0254	7.0000e-005	0.0000	0.0270
Total	1.7434	1.2000e-004	0.0130	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0254	0.0254	7.0000e-005	0.0000	0.0270

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1346					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.6076					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1900e-003	1.2000e-004	0.0130	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0254	0.0254	7.0000e-005	0.0000	0.0270
Total	1.7434	1.2000e-004	0.0130	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0254	0.0254	7.0000e-005	0.0000	0.0270

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	289.2427	1.4481	0.0356	336.0512
Unmitigated	289.2427	1.4481	0.0356	336.0512

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

Enclosed Parking with Elevator	0.157315 / 0	1.0209	5.1500e-003	1.3000e-004	1.1874
Hospital	13.1687 / 0.071796	85.8340	0.4314	0.0106	99.7773
Medical Office Building	30.8515 / 0.379447	202.2032	1.0106	0.0248	234.8720
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.0282292 /	0.1846	9.2000e-004	2.0000e-005	0.2145
Total		289.2427	1.4481	0.0356	336.0512

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0.157315 / 0	1.0209	5.1500e-003	1.3000e-004	1.1874
Hospital	13.1687 / 0.071796	85.8340	0.4314	0.0106	99.7773
Medical Office Building	30.8515 / 0.379447	202.2032	1.0106	0.0248	234.8720
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.0282292 /	0.1846	9.2000e-004	2.0000e-005	0.2145
Total		289.2427	1.4481	0.0356	336.0512

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	692.9421	40.9517	0.0000	1,716.7348
Unmitigated	692.9421	40.9517	0.0000	1,716.7348

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	113.24	22.9867	1.3585	0.0000	56.9486
Hospital	1025.47	208.1611	12.3020	0.0000	515.7104
Medical Office Building	2252.03	457.1417	27.0163	0.0000	1,132.5493
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	22.92	4.6526	0.2750	0.0000	11.5265
Total		692.9421	40.9517	0.0000	1,716.7348

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	113.24	22.9867	1.3585	0.0000	56.9486

Hospital	1025.47	208.1611	12.3020	0.0000	515.7104
Medical Office Building	2252.03	457.1417	27.0163	0.0000	1,132.5493
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	22.92	4.6526	0.2750	0.0000	11.5265
Total		692.9421	40.9517	0.0000	1,716.7348

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Kaiser LAMC Operational Modeling Inputs - Option A - Without Reduction Features
Phase 3 LAMC Campus

Operational Year: 2030

Existing Uses - Left To Be Demolished
None

Site Number	Address
Site 6	1430 & 1424 North Alexandria Avenue
Site 3	1505 North Edgemont Street

Proposed Uses

Weekday daily trips ²	Size	Unit	Daily Trips		TIS Trip Rates*	Default Weekday	Default Sat	Default Su	Adj Saturd	Adj Sunday
Medical Office Building	130	KSF	4,697	Site 1	36.130	36.13	8.96	1.55	8.960	1.550
Enclosed Parking with Elevator	302.8	KSF	0	Site 1	0.000	0	0	0	0.000	0.000
Medical Office Building	50	KSF	1,807	Site 2	36.130	36.13	8.96	1.55	8.960	1.550
Parking Lot	6	Spaces	0	Site 2	0.000	0	0	0	0.000	0.000
Medical Office Building	177.3	KSF	6,406	Site 4	36.130	36.13	8.96	1.55	8.960	1.550
Enclosed Parking with Elevator	230.6	KSF	0	Site 5	0.000	0	0	0	0.000	0.000
Strip Mall	2.3	KSF	98	Site 5	42.609	44.32	42.04	20.43	40.417	19.641
Medical Office Building	41.5	KSF	1,499	Site 3	36.130	36.13	8.96	1.55	8.960	1.550
Enclosed Parking with Elevator	122.4	KSF	0	Site 6	0.000	0	0	0	0.000	0.000
Total			14,507							

*15% transit reduction removed
Primary Trips 13,066
Pass-By 1,441

Operational Consumption

Site Number	Building SF	Electricity kwh/year*	Natural Gas therms/year*	Waste tons/year	Indoor Water gal/year*	Outdoor Water gal/year*
Site 1 MOB	130,000			1,154.89	15,819,560.21	147,095.10
Site 2 MOB	50,000			444.19	6,084,446.23	56,575.04
Site 1 Parking Structure	302,800			52.29	72,647.29	-
Site 5 Parking Structure	230,600			39.82	55,309.84	-
Site 5 Strip Mall	2,300			22.92	28,231.83	262.51
Site 4 Option A	177,300			1,575.09	21,575,446.35	200,615.08
Site 6 Parking Structure	122,400			21.14	29,357.87	-
Site 3 Option A MOB	41,500			368.68	5,050,090.37	46,957.28

* Electricity/NG based on 2008 Title 24 standards in CalEEMod; Indoor and Outdoor Water are based on LADWP WSA without reductions

Stationary Sources

Equipment Description	Location	Rating		Operating Parameters ^{3,5}			Emission Factors ^{3,6}							Emission Rates									
		kW	HP	Load Factor	hr/day	hr/yr	ROG lb/hp-hr	NOx g/kW-hr	CO g/kW-hr	SOx g/hp-hr	PM10 g/kW-hr	PM2.5 g/kW-hr	CO2 lb/hp-hr	CH4 g/hp-hr	ROG lb/day	NOx lb/day	CO lb/day	SOx lb/day	PM10 lb/day	PM2.5 lb/day	CO2 MT/yr	CH4 MT/yr	CO2e MT/yr
		Emergency Diesel Generator	Site 1	750	1,006	0.73	4	30	0.002248	0.67	3.5	0.0049	0.03	0.03	1.15	0.073134	6.60	3.23	16.90	0.03	0.14	0.14	11.49
Emergency Diesel Generator	Site 2	300	402	0.73	4	30	0.002248	0.40	3.5	0.0049	0.02	0.02	1.15	0.073134	2.64	0.77	6.76	0.01	0.04	0.04	4.60	0.001	4.612
Emergency Diesel Generator	Site 4 - Option A	1,000	1,341	0.73	4	30	0.002248	0.67	3.5	0.0049	0.03	0.03	1.15	0.073134	8.80	4.31	22.53	0.04	0.19	0.19	15.32	0.002	15.373
Emergency Diesel Generator	Site 3 - Option A	300	402	0.73	4	30	0.002248	0.40	3.5	0.0049	0.02	0.02	1.15	0.073134	2.64	0.77	6.76	0.01	0.04	0.04	4.60	0.001	4.612

Notes: Not including Chillers or Boilers since those are included in Building Load Assumptions
Emergency diesel generator operating hours based on annual load test and 30 minute operating hours per week.

Source:

- Energy - Water & Waste Comp Data for LAMC Master Plan
- EIR Solid Waste Analysis
- CalEEMod 2016.3.2 Default Values
- WSA
- Operating parameters per Abby White, Perkins & Will, September 14, 2018.
- Current CARB and EPA engine standards for Tier 4 equipment.

Conversions:

1 lb =	453.6	g
1 MT =	2204.623	lb
1 MT =	1000000	g

Kaiser LAMC Operational Modeling Inputs - Option B - Without Reduction Features
Phase 3 LAMC Campus

Operational Year: 2030

Existing Uses - Left To Be Demolished
None

Site Number	Address
Site 6	1430 & 1424 North Alexandria Avenue
Site 3	1505 North Edgemont Street

Proposed Uses

Weekday daily trips ²	Size	Unit	Daily Trips		TIS Trip Rates*	Default Weekday	Default Sat	Default Su	Adj Saturd	Adj Sunday
Medical Office Building	130	KSF	4,697	Site 1	36.130	36.13	8.96	1.55	8.960	1.550
Enclosed Parking with Elevator	302.8	KSF	0	Site 1	0.000	0	0	0	0.000	0.000
Medical Office Building	50	KSF	1,807	Site 2	36.130	36.13	8.96	1.55	8.960	1.550
Parking Lot	6	Spaces	0	Site 2	0.000	0	0	0	0.000	0.000
Hospital	105	Beds	1,359	Site 4	12.939	12.94	8.14	7.19	8.139	7.189
Enclosed Parking with Elevator	230.6	KSF	0	Site 5	0.000	0	0	0	0.000	0.000
Strip Mall	2.3	KSF	98	Site 5	42.609	44.32	42.04	20.43	40.417	19.641
Medical Office Building	73.5	KSF	2,656	Site 3	36.130	36.13	8.96	1.55	8.960	1.550
Enclosed Parking with Elevator	122.4	KSF	0	Site 6	0.000	0	0	0	0.000	0.000
Total			10,616							

*15% transit reduction removed
Primary Trips 9,700
Pass-By 916

Operational Consumption

Site Number	Building SF	Electricity kwh/year*	Natural Gas therms/year*	Waste tons/year	Indoor Water gal/year*	Outdoor Water gal/year*
Site 1 MOB	130,000			1,154.89	15,818,104.31	147,095.10
Site 2 MOB	50,000			444.19	6,083,886.27	56,575.04
Site 1 Parking Structure	302,800			52.29	72,647.29	-
Site 5 Parking Structure	230,600			39.82	55,309.84	-
Site 5 Strip Mall	2,300			22.92	28,229.23	262.51
Site 4 Option B Hospital	177,300			1,025.47	13,168,702.20	71,795.98
Site 6 Parking Structure	122,400			21.14	29,357.87	-
Site 3 Option B MOB	73,500			652.95	8,947,452.98	175,776.38

* Electricity/NG based on 2008 Title 24 standards in CalEEMod; Indoor and Outdoor Water are based on LADWP WSA without reductions

Stationary Sources

Equipment Description	Location	Rating		Operating Parameters ^{3,5}			Emission Factors ^{3,6}							Emission Rates									
		kW	HP	Load Factor	hr/day	hr/yr	ROG lb/hp-hr	NOx g/kW-hr	CO g/kW-hr	SOx g/hp-hr	PM10 g/kW-hr	PM2.5 g/kW-hr	CO2 lb/hp-hr	CH4 g/hp-hr	ROG lb/day	NOx lb/day	CO lb/day	SOx lb/day	PM10 lb/day	PM2.5 lb/day	CO2 MT/yr	CH4 MT/yr	CO2e MT/yr
Emergency Diesel Generator	Site 1	750	1,006	0.73	4	30	0.002248	0.67	3.5	0.0049	0.03	0.03	1.15	0.073134	6.60	3.23	16.90	0.03	0.14	0.14	11.49	0.002	11.530
Emergency Diesel Generator	Site 2	300	402	0.73	4	30	0.002248	0.40	3.5	0.0049	0.02	0.02	1.15	0.073134	2.64	0.77	6.76	0.01	0.04	0.04	4.60	0.001	4.612
Emergency Diesel Generator	Site 4 - Option B	1,500	2,012	0.73	4	30	0.002248	0.67	3.5	0.0049	0.03	0.03	1.15	0.073134	13.20	6.47	33.80	0.06	0.29	0.29	22.98	0.003	23.060
Emergency Diesel Generator	Site 3 - Option B	400	536	0.73	4	30	0.002248	0.40	3.5	0.0049	0.02	0.02	1.15	0.073134	3.52	1.03	9.01	0.02	0.05	0.05	6.13	0.001	6.149

Notes: Not including Chillers or Boilers since those are included in Building Load Assumptions
Emergency diesel generator operating hours based on annual load test and 30 minute operating hours per week.

Source:

- Energy - Water & Waste Comp Data for LAMC Master Plan
- EIR Solid Waste Analysis
- CalEEMod 2016.3.2 Default Values
- WSA
- Operating parameters per Abby White, Perkins & Will, September 14, 2018.
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Conversions:

1 lb =	453.6	g
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1 MT =	1000000	g