APPENDIX E

Supplemental Project Construction Air Quality Data

Hollywood Center Project

1. Supplemental Project Air Quality Data

1. Introduction

ESA conducted a supplemental air quality analysis in the Project's Final EIR in addition to the comprehensive criteria pollutant emissions analysis and report for the Hollywood Center Project (Project) as presented in the Project's Draft EIR. This appendix includes the emissions calculation and modeling files associated with the supplemental analyses to address additional topics for Project construction and operation. The methodology used to estimate criteria pollutant emissions from the Project for this supplemental air quality analysis is the same as those described in Section IV.B, *Air Quality*, of the Project's Draft EIR and Appendix E - Technical Appendix for Air Quality and Greenhouse Gas Emissions of the Project's Draft EIR.

- The supplemental analysis estimates the emissions from the overlapping construction scenario with the East Site commencing construction first, the demolition and utilities/trenching phases followed by site preparation and grading/excavation phases could begin on the West Site, while the East Site is in the building construction phase. This is in addition to the overlapping construction scenario with the West Site commencing construction first, the utilities/trenching, site preparation, and grading/ excavation phases could begin on the East Site, while the West Site is in the building construction phase that was presented in Section IV.B, *Air Quality*, of the Project's Draft EIR.
- The supplemental analysis estimates the emissions from the concurrent operations and construction of the West and East site under both overlapping construction scenarios. Under the overlapping construction scenario with the West Site commencing construction first, the West Site would be expected to be built out and operational in 2024 with concurrent continued construction of the East Site in 2024, and the full build out of the East Site in 2025. Under the overlapping construction scenario with the East Site commencing construction first, the East Site would be expected to be operational in 2024 with concurrent continued construction of the West Site in 2024, and the full build out of the East Site in 2025.
- The supplemental analysis incorporates corrections to construction modeling inputs where the horsepower and load factor for the grader used in the construction paving phase of the West Site was corrected and the number of dumper/tenders in the foundations phase of the East Site was corrected.

Only new emissions calculations and modeling files required for the supplemental air quality analyses as described above in the Project's Final EIR are included in this appendix. Construction and operational emissions calculations and modeling outputs

used as components in the supplemental analyses as described above, but were included and did not change as those presented in Section IV.B, *Air Quality*, of the Project's Draft EIR are not included in this appendix. For instance, construction mobile emissions for the West Site First Scenario are not included in this appendix as those emissions calculations remain the same as those presented in Appendix E - Technical Appendix for Air Quality and Greenhouse Gas Emissions of the Project's Draft EIR. For operational emissions and calculations, aside from the new CalEEMod modeling output and mobile emissions for the potential East Site buildout in year 2024 to account for the overlapping construction scenario with the East Site commencing construction first, all other operational emissions calculations including CalEEMod modeling outputs, stationary source emissions calculations, and mobile emissions calculations remain the same as those presented in Appendix E - Technical Appendix for Air Quality and Greenhouse Gas Emissions of the Project's Draft EIR, and are therefore not included in this supplemental appendix.

Hollywood Center Project

1. Air Quality Worksheets

Air Quality Calculation Worksheets and Model Outputs

1. Emissions Modeling Outputs

a) Construction

(1) Unmitigated

- West Site
- East Site

(2) Mitigated

- West Site
- East Site

b) Operations

(1) Unmitigated

(2) Mitigated

Hollywood Center Project

1. Air Quality Worksheets

Air Quality Calculation Worksheets and Model Outputs

1. Emissions Modeling Outputs

a) Construction

(1) Unmitigated

- West Site
- East Site

(2) Mitigated

- West Site
- East Site

Hollywood Center

Air Quality Construction Analysis

Unmitigated - Construction West Site First Scenario

Regional Maximums Source	ROG	NOX	CO	SO2	PM10 Total	Total PM2.5
West Site			lb/day			
Demolition - 2021	2.9	39.4	22.7	0.10	3.2	1.8
Utilities/Trenching - 2021	1.3	11.9	10.8	0.02	0.7	0.6
Site Preparation - 2021	0.6	6.1	5.7	0.01	0.5	0.3
Grading - 2021	4.8	86.0	40.2	0.26	9.7	4.0
Grading - 2022	2.2	19.1	28.5	0.07	3.3	1.4
Foundations/Concrete Pour - 2022 (Shoring Wall + Cast in Drilled Hole Foundation)	1.6	14.9	20.4	0.05	3.6	1.4
Foundations/Concrete Pour - 2022 (Mat Foundation)	1.8	23.7	24.8	0.09	4.7	1.7
Foundations/Concrete Pour - 2022 (Column Footings)	1.7	16.1	20.8	0.06	3.7	1.4
Building Construction - 2022 (Structure Equipment Garage)	3.1	32.4	41.9	0.13	8.7	3.1
Building Construction - 2022 (Structure Equipment Tower)	3.0	29.6	41.0	0.12	8.4	3.0
Building Construction - 2022 (Structure Equipment Affordable)	3.0	30.0	41.1	0.13	8.5	3.0
Building Construction - 2022 (Retail)	2.9	28.6	40.7	0.12	8.3	3.0
Building Construction - 2022	2.9	26.7	40.2	0.11	8.1	2.9
Building Construction - 2023	2.6	24.1	38.4	0.11	8.0	2.8
Building Construction - 2024	2.5	22.5	37.0	0.11	7.9	2.7
Architectural Coating - 2022	13.6	3.4	4.3	0.01	0.4	0.2
Architectural Coating - 2023	13.5	3.2	4.3	0.01	0.4	0.2
Architectural Coating - 2024	13.5	3.0	4.2	0.01	0.3	0.2
Paving - 2023	1.7	16.4	17.1	0.04	1.0	0.8

	ROG	NOX	CO	SO2	PM10 Total	Total PM2.5
East Site			lb/day			
Site Preparation - 2022	0.8	16.8	7.4	0.06	2.0	0.7
Grading - 2022	3.3	63.0	35.4	0.25	8.8	3.2
Grading - 2023	2.0	17.0	27.9	0.07	3.2	1.3
Utilities/Trenching - 2022	1.2	10.6	10.6	0.02	0.7	0.5
Foundations/Concrete Pour (Shoring Wall+Cast In Drilled Hole Foundation) - 2023	1.5	13.4	19.6	0.05	3.5	1.3
Foundations/Concrete Pour (Mat Foundation)- 2023	1.2	15.0	20.2	0.08	4.1	1.4
Foundations/Concrete Pour (Column Footings) - 2023	1.5	14.3	19.9	0.06	3.6	1.4
Building Construction - 2023 (Structure Equipment Garage)	2.8	28.4	40.0	0.13	8.6	3.0
Building Construction - 2023 (Structure Equipment Tower)	2.7	26.0	39.1	0.12	8.3	2.9
Building Construction - 2023 (Structure Equipment Affordable)	2.7	25.8	39.0	0.12	8.2	2.9
Building Construction - 2023 (Retail)	2.7	27.0	39.5	0.13	8.4	2.9
Building Construction - 2023	2.6	24.1	38.4	0.11	8.0	2.8
Building Construction - 2024	2.5	22.5	37.0	0.11	7.9	2.7
Building Construction - 2025	2.3	21.1	35.8	0.11	7.8	2.6
Architectural Coating - 2023	13.2	3.2	4.3	0.01	0.4	0.2
Architectural Coating - 2024	13.2	3.0	4.2	0.01	0.3	0.2
Architectural Coating - 2025	13.1	2.8	4.2	0.01	0.3	0.2
Paving - 2024	1.6	15.3	17.0	0.04	0.9	0.7

Hollywood Center
Air Quality Construction Analysis
Unmitigated - Construction West Site First Scenario

Overlapping Phases

	ROG	NOX	CO	SO2	PM10 Total	Total PM2.5
			lb/day			
Demolition + Site Preparation + Utilities/Trenching - 2021	4.7	57.3	39.2	0.13	4.5	2.7
Demolition + Site Preparation + Grading Excavation - 2021	8.2	131.49	68.6	0.37	13.4	6.1
Grading Excavation - 2022	2.2	19.1	28.5	0.07	3.3	1.4
Foundations/Concrete Pour - 2022 (Shoring Wall + Cast in Drilled Hole Foundation)	1.6	14.9	20.4	0.05	3.6	1.4
Foundations/Concrete Pour - 2022 (Mat Foundation)	1.8	23.7	24.8	0.09	4.7	1.7
Foundations/Concrete Pour - 2022 (Column Footings)	1.7	16.1	20.8	0.06	3.7	1.4
West: Building Construction (Structure Equipment Garage) - 2022						
East: Site Preparation + Utilities/Trenching + Grading Excavation - 2022	8.3	122.8	95.3	0.47	20.1	7.5
West: Building Construction (Structure Equipment Tower) - 2022						
East: Grading Excavation - 2022	6.3	92.6	76.4	0.37	17.2	6.2
West: Building Construction (Structure Equipment Affordable) - 2022						
East: Grading Excavation - 2022	6.3	93.0	76.6	0.37	17.2	6.2
West: Building Construction (Retail) - 2022						
East: Grading Excavation - 2022	6.2	91.6	76.2	0.37	17.1	6.1
West: Building Construction + Architectural Coatings - 2022						
East: Grading Excavation - 2022	19.7	93.2	80.0	0.37	17.3	6.3
West: Building Construction + Architecural Coating - 2023						
East: Grading Excavation - 2023	18.2	44.2	70.5	0.19	11.6	4.3
West: Building Construction + Architectural Coatings - 2023						
East: Foundations/Concrete Pour (Shoring Wall + Cast in Drilled Hole Foundation) - 2023	17.7	40.6	62.2	0.17	11.8	4.3
West: Building Construction + Architectural Coatings - 2023						
East: Foundations/Concrete Pour (Mat Foundation) - 2023	17.4	42.3	62.8	0.19	12.5	4.4
West: Building Construction + Architectural Coatings - 2023						
East: Foundations/Concrete Pour (Column Footings) - 2023	17.7	41.5	62.6	0.18	12.0	4.4
West: Building Construction + Architectural Coatings - 2023						
East: Building Construction (Structure Equipment Garage) - 2023	18.9	55.6	82.7	0.25	16.9	6.0
West: Building Construction + Architectrual Coatings + Pavings - 2023						
East: Building Construction (Structure Equipment Tower) - 2023	20.5	69.7	98.9	0.28	17.6	6.6
West: Building Construction + Architectural Coatings + Pavings - 2023						
East: Building Construction (Structure Equipment Affordable) - 2023	20.5	69.5	98.8	0.28	17.6	6.6
West: Building Construction + Architectural Coatings + Paving - 2023						
East: Building Construction (Structure Retail) - 2023	20.5	70.6	99.2	0.28	17.7	6.7
West: Building Construction + Architectural Coatings + Paving - 2023						
East: Building Construction - 2023	20.5	67.7	98.2	0.27	17.3	6.5
West: Building Construction + Architectural Coatings - 2023						
East: Building Construction - 2023	18.8	51.3	81.1	0.23	16.3	5.8
West: Building Construction + Architectural Coatings - 2023						
East: Building Construction + Architectural Coatings - 2023	32.0	54.5	85.3	0.24	16.7	6.0
West: Building Construction + Architectural Coatings - 2024						
East: Building Construction + Architectural Coatings - 2024	31.6	51.1	82.5	0.24	16.4	5.8
East: Building Construction + Architectural Coatings + Paving - 2024	17.2	40.8	58.3	0.15	9.1	3.6
East: Building Construction + Architectural Coatings - 2025	15.5	24.0	40.0	0.12	8.1	2.8
Daily Maximum Emissions	**32**	**131**	**99**	**0.5**	**20**	**8**
SCAQMD Regional Threshold	75.0	100.0	550.0	150.0	150.0	55.0
Exceeds Threshold?	No	Yes	No	No	No	No

Hollywood Center
Air Quality Construction Analysis
Unmitigated - Construction West Site First Scenario
Project Localized Emissions

Localized Maximums Source	NOX	CO	PM10 Total	Total PM2.5
		lb/day		
West Site				
Demolition - 2021	17.8	18.6	1.0	0.9
Utilities/Trenching - 2021	11.8	10.3	0.6	0.6
Site Preparation - 2021	6.0	4.9	0.3	0.2
Grading - 2021	22.7	21.5	1.0	0.9
Grading - 2022	18.5	21.3	0.8	0.7
Foundations/Concrete Pour - 2022 (Shoring Wall + Cast in Drilled Hole Foundation)	12.7	11.9	0.6	0.6
Foundations/Concrete Pour - 2022 (Mat Foundation)	10.4	13.1	0.5	0.5
Foundations/Concrete Pour - 2022 (Column Footings)	12.7	11.9	0.6	0.6
Building Construction - 2022 (Structure Equipment Garage)	22.1	19.5	1.0	1.0
Building Construction - 2022 (Structure Equipment Tower)	22.1	19.5	1.0	1.0
Building Construction - 2022 (Structure Equipment Affordable)	22.1	19.5	1.0	1.0
Building Construction - 2022 (Retail)	22.1	19.5	1.0	1.0
Building Construction - 2022	22.1	19.5	1.0	1.0
Building Construction - 2023	20.3	19.4	0.9	0.9
Building Construction - 2024	18.9	19.3	0.8	0.8
Architectural Coating - 2022	3.4	3.8	0.2	0.2
Architectural Coating - 2023	3.2	3.8	0.2	0.2
Architectural Coating - 2024	3.0	3.8	0.1	0.1
Paving - 2023	16.3	16.4	0.7	0.7

	NOX	CO	PM10 Total	Total PM2.5
East Site		lb/day		
Site Preparation - 2022	4.8	4.8	0.2	0.2
Grading - 2022	18.5	21.3	0.8	0.7
Grading - 2023	16.5	21.2	0.7	0.6
Utilities/Trenching - 2022	10.5	10.2	0.5	0.5
Foundations/Concrete Pour (Shoring Wall+Cast In Drilled Hole Foundation) - 2023	11.7	11.8	0.6	0.5
Foundations/Concrete Pour (Mat Foundation)- 2023	7.6	10.2	0.4	0.4
Foundations/Concrete Pour (Column Footings) - 2023	11.7	11.8	0.6	0.5
Building Construction - 2023 (Structure Equipment Garage)	20.3	19.4	0.9	0.9
Building Construction - 2023 (Structure Equipment Tower)	20.3	19.4	0.9	0.9
Building Construction - 2023 (Structure Equipment Affordable)	20.3	19.4	0.9	0.9
Building Construction - 2023 (Retail)	20.3	19.4	0.9	0.9
Building Construction - 2023	20.3	19.4	0.9	0.9
Building Construction - 2024	18.9	19.3	0.8	0.8
Building Construction - 2025	17.6	19.2	0.7	0.7
Architectural Coating - 2023	3.2	3.8	0.2	0.2
Architectural Coating - 2024	3.0	3.8	0.1	0.1
Architectural Coating - 2025	2.8	3.8	0.1	0.1
Paving - 2024	15.2	16.4	0.7	0.6

Hollywood Center
Air Quality Construction Analysis
Unmitigated - Construction West Site First Scenario
Project Localized Emissions

Overlapping Phases				
Project Localized Emissions	**NOX**	**CO**	**PM10 Total**	**Total PM2.5**
	lb/day			
Demolition + Site Preparation + Utilities/Trenching - 2021	35.6	33.8	1.8	1.7
Demolition + Site Preparation + Grading Excavation - 2021	46.5	45.0	2.2	2.0
Grading Excavation - 2022	18.5	21.3	0.8	0.7
Foundations/Concrete Pour - 2022 (Shoring Wall + Cast in Drilled Hole Foundation)	12.7	11.9	0.6	0.6
Foundations/Concrete Pour - 2022 (Mat Foundation)	10.4	13.1	0.5	0.5
Foundations/Concrete Pour - 2022 (Column Footings)	12.7	11.9	0.6	0.6
West: Building Construction (Structure Equipment Garage) - 2022				
East: Site Preparation + Utilities/Trenching + Grading Excavation - 2022	55.9	55.8	2.6	2.4
West: Building Construction (Structure Equipment Tower) - 2022				
East: Grading Excavation - 2022	40.6	40.8	1.8	1.7
West: Building Construction (Structure Equipment Affordable) - 2022				
East: Grading Excavation - 2022	40.6	40.8	1.8	1.7
West: Building Construction (Retail) - 2022				
East: Grading Excavation - 2022	40.6	40.8	1.8	1.7
West: Building Construction + Architectural Coatings - 2022				
East: Grading Excavation - 2022	44.0	44.7	2.0	1.9
West: Building Construction + Architecural Coating - 2023				
East: Grading Excavation - 2023	40.0	44.4	1.8	1.7
West: Building Construction + Architectural Coatings - 2023				
East: Foundations/Concrete Pour (Shoring Wall + Cast in Drilled Hole Foundation) - 2023	35.2	35.0	1.6	1.6
West: Building Construction + Architectural Coatings - 2023				
East: Foundations/Concrete Pour (Mat Foundation) - 2023	31.0	33.4	1.5	1.4
West: Building Construction + Architectural Coatings - 2023				
East: Foundations/Concrete Pour (Column Footings) - 2023	35.2	35.0	1.6	1.6
West: Building Construction + Architectural Coatings - 2023				
East: Building Construction (Structure Equipment Garage) - 2023	43.8	42.6	2.0	1.9
West: Building Construction + Architectrual Coatings + Pavings - 2023				
East: Building Construction (Structure Equipment Tower) - 2023	60.1	59.0	2.7	2.6
West: Building Construction + Architectural Coatings + Pavings - 2023				
East: Building Construction (Structure Equipment Affordable) - 2023	60.1	59.0	2.7	2.6
West: Building Construction + Architectural Coatings + Paving - 2023				
East: Building Construction (Structure Retail) - 2023	60.1	59.0	2.7	2.6
West: Building Construction + Architectural Coatings + Paving - 2023				
East: Building Construction - 2023	60.1	59.0	2.7	2.6
West: Building Construction + Architectural Coatings - 2023				
East: Building Construction - 2023	43.8	42.6	2.0	1.9
West: Building Construction + Architectural Coatings - 2023				
East: Building Construction + Architectural Coatings - 2023	46.9	46.4	2.2	2.1
West: Building Construction + Architectural Coatings - 2024				
East: Building Construction + Architectural Coatings - 2024	43.8	46.1	1.9	1.8
East: Building Construction + Architectural Coatings + Paving - 2024	37.1	39.4	1.6	1.5
East: Building Construction + Architectural Coatings - 2025	20.4	23.0	0.9	0.8
Daily Maximum Emissions	**60.1**	**59.0**	**2.7**	**2.6**
Localized Significance Thresholds	154.0	1755.0	15.0	7.6
Exceeds Threshold?	No	No	No	No

Hollywood Center
Air Quality Construction Analysis
Unmitigated - Construction West Site First Scenario
West Site Regional Emissions

Regional Maximums Source	ROG	NOX	CO	SO2	PM10 Total	Total PM2.5
			lb/day			
Demolition - 2021	2.9	39.4	22.7	0.10	3.2	1.8
Utilities/Trenching - 2021	1.3	11.9	10.8	0.02	0.7	0.6
Site Preparation - 2021	0.6	6.1	5.7	0.01	0.5	0.3
Grading - 2021	4.8	86.0	40.2	0.26	9.7	4.0
Grading - 2022	2.2	19.1	28.5	0.07	3.3	1.4
Foundations/Concrete Pour - 2022 (Shoring Wall + Cast in Drilled Hole Foundation)	1.6	14.9	20.4	0.05	3.6	1.4
Foundations/Concrete Pour - 2022 (Mat Foundation)	1.8	23.7	24.8	0.09	4.7	1.7
Foundations/Concrete Pour - 2022 (Column Footings)	1.7	16.1	20.8	0.06	3.7	1.4
Building Construction - 2022 (Structure Equipment Garage)	3.1	32.4	41.9	0.13	8.7	3.1
Building Construction - 2022 (Structure Equipment Tower)	3.0	29.6	41.0	0.12	8.4	3.0
Building Construction - 2022 (Structure Equipment Affordable)	3.0	30.0	41.1	0.13	8.5	3.0
Building Construction - 2022 (Retail)	2.9	28.6	40.7	0.12	8.3	3.0
Building Construction - 2022	2.9	26.7	40.2	0.11	8.1	2.9
Building Construction - 2023	2.6	24.1	38.4	0.11	8.0	2.8
Building Construction - 2024	2.5	22.5	37.0	0.11	7.9	2.7
Architectural Coating - 2022	13.6	3.4	4.3	0.01	0.4	0.2
Architectural Coating - 2023	13.5	3.2	4.3	0.01	0.4	0.2
Architectural Coating - 2024	13.5	3.0	4.2	0.01	0.3	0.2
Paving - 2023	1.7	16.4	17.1	0.04	1.0	0.8
Overlapping Phases						
Demolition + Utilities Trenching + Site Preparation - 2021	4.7	57.3	39.2	0.1	4.5	2.7
Demolition + Site Preparation + Grading/Excavation - 2021	8.2	131.5	68.6	0.4	13.4	6.1
Grading - 2022	2.2	19.1	28.5	0.1	3.3	1.4
Foundations/Concrete Pour - 2022 (Shoring Wall + Cast in Drilled Hole Foundation)	1.6	14.9	20.4	0.1	3.6	1.4
Foundations/Concrete Pour - 2022 (Mat Foundation)	1.8	23.7	24.8	0.1	4.7	1.7
Foundations/Concrete Pour - 2022 (Column Footings)	1.7	16.1	20.8	0.1	3.7	1.4
Building Construction - 2022 (Structure Equipment Garage)	3.1	32.4	41.9	0.1	8.7	3.1
Building Construction - 2022 (Structure Equipment Tower)	3.0	29.6	41.0	0.1	8.4	3.0
Building Construction - 2022 (Structure Equipment Affordable)	3.0	30.0	41.1	0.1	8.5	3.0
Building Construction - 2022 (Retail)	2.9	28.6	40.7	0.1	8.3	3.0
Building Construction + Architectural Coating - 2022	16.4	30.1	44.5	0.1	8.5	3.1
Building Construction + Architectural Coating + Paving - 2023	17.8	43.6	59.8	0.2	9.3	3.8
Building Construction + Architectural Coating - 2024	16.00	25.55	41.27	0.12	8.21	2.88
Daily Maximum Emissions	**18**	**131**	**69**	**0.4**	**13**	**6**
SCAQMD Regional Threshold	75	100	550	150	150	55
Exceeds Threshold?	No	Yes	No	No	No	No

Hollywood Center
Air Quality Construction Analysis
Unmitigated - Construction West Site First Scenario
West Site Onsite Emissions

Localized Emissions Summary Source	NOX	CO lb/day	PM10 Total	Total PM2.5
Demolition - 2021	17.8	18.6	1.0	0.9
Utilities/Trenching - 2021	11.8	10.3	0.6	0.6
Site Preparation - 2021	6.0	4.9	0.3	0.2
Grading - 2021	22.7	21.5	1.0	0.9
Grading - 2022	18.5	21.3	0.8	0.7
Foundations/Concrete Pour - 2022 (Shoring Wall + Cast in Drilled Ho	12.7	11.9	0.6	0.6
Foundations/Concrete Pour - 2022 (Mat Foundation)	10.4	13.1	0.5	0.5
Foundations/Concrete Pour - 2022 (Column Footings)	12.7	11.9	0.6	0.6
Building Construction - 2022 (Structure Equipment Garage)	22.1	19.5	1.0	1.0
Building Construction - 2022 (Structure Equipment Tower)	22.1	19.5	1.0	1.0
Building Construction - 2022 (Structure Equipment Affordable)	22.1	19.5	1.0	1.0
Building Construction - 2022 (Retail)	22.1	19.5	1.0	1.0
Building Construction - 2022	22.1	19.5	1.0	1.0
Building Construction - 2023	20.3	19.4	0.9	0.9
Building Construction - 2024	18.9	19.3	0.8	0.8
Architectural Coating - 2022	3.4	3.8	0.2	0.2
Architectural Coating - 2023	3.2	3.8	0.2	0.2
Architectural Coating - 2024	3.0	3.8	0.1	0.1
Paving - 2023	16.3	16.4	0.7	0.7
Daily Maximum Emission	22.7	21.5	1.0	1.0
Localized Significance Threshold	105.0	1019.0	7.8	4.8
Exceed Threshold?	No	No	No	No

Overlapping Phases				
Demolition + Utilities Trenching + Site Preparation - 2021	23.8	23.4	1.2	1.1
Demolition + Site Preparation + Grading/Excavation - 2021	46.5	45.0	2.2	2.0
Grading - 2022	18.5	21.3	0.8	0.7
Foundations/Concrete Pour - 2022 (Shoring Wall + Cast in Drilled Hole Foundation)	12.7	11.9	0.6	0.6
Foundations/Concrete Pour - 2022 (Mat Foundation)	10.4	13.1	0.5	0.5
Foundations/Concrete Pour - 2022 (Column Footings)	12.7	11.9	0.6	0.6
Building Construction - 2022 (Structure Equipment Garage)	22.1	19.5	1.0	1.0
Building Construction - 2022 (Structure Equipment Tower)	22.1	19.5	1.0	1.0
Building Construction - 2022 (Structure Equipment Affordable)	22.1	19.5	1.0	1.0
Building Construction - 2022 (Retail)	22.1	19.5	1.0	1.0
Building Construction + Architectural Coating - 2022	25.5	23.4	1.2	1.2
Building Construction + Architectural Coating + Paving - 2023	39.8	39.6	1.8	1.7
Building Construction + Architectural Coating - 2024	21.9	23.1	1.0	0.9
Daily Maximum Emission	**46.5**	**45.0**	**2.2**	**2.0**
Localized Significance Threshold	105.0	1019.0	7.8	4.8
Exceed Threshold?	No	No	No	No

Hollywood Center
Air Quality Construction Analysis
Unmitigated - Construction West Site First Scenario
East Site Regional Emissions

Regional Maximums Source	ROG	NOX	CO	SO2 lb/day	PM10 Total	Total PM2.5
Site Preparation - 2022	0.8	16.8	7.4	0.06	2.0	0.7
Grading - 2022	3.3	63.0	35.4	0.25	8.8	3.2
Grading - 2023	2.0	17.0	27.9	0.07	3.2	1.3
Utilities/Trenching - 2022	1.2	10.6	10.6	0.02	0.7	0.5
Foundations/Concrete Pour (Shoring Wall+Cast In Drilled Hole Foundation) - 2023	1.5	13.4	19.6	0.05	3.5	1.3
Foundations/Concrete Pour (Mat Foundation)- 2023	1.2	15.0	20.2	0.08	4.1	1.4
Foundations/Concrete Pour (Column Footings) - 2023	1.5	14.3	19.9	0.06	3.6	1.4
Building Construction - 2023 (Structure Equipment Garage)	2.8	28.4	40.0	0.13	8.6	3.0
Building Construction - 2023 (Structure Equipment Tower)	2.7	26.0	39.1	0.12	8.3	2.9
Building Construction - 2023 (Structure Equipment Affordable)	2.7	25.8	39.0	0.12	8.2	2.9
Building Construction - 2023 (Retail)	2.7	27.0	39.5	0.13	8.4	2.9
Building Construction - 2023	2.6	24.1	38.4	0.11	8.0	2.8
Building Construction - 2024	2.5	22.5	37.0	0.11	7.9	2.7
Building Construction - 2025	2.3	21.1	35.8	0.11	7.8	2.6
Architectural Coating - 2023	13.2	3.2	4.3	0.01	0.4	0.2
Architectural Coating - 2024	13.2	3.0	4.2	0.01	0.3	0.2
Architectural Coating - 2025	13.1	2.8	4.2	0.01	0.3	0.2
Paving - 2024	1.6	15.3	17.0	0.04	0.9	0.7
Overlapping Phases						
2022.0						
Site Preparation + Utilities/Trenching + Grading/Excavation - 2022	5.3	90.4	53.5	0.33	11.4	4.4
Grading Excavation - 2023	2.0	17.0	27.9	0.07	3.2	1.3
Foundations/Concrete Pour (Shoring Wall+Cast In Drilled Hole Foundation) - 2023	1.5	13.4	19.6	0.05	3.5	1.3
Foundations/Concrete Pour (Mat Foundation)- 2023	1.2	15.0	20.2	0.08	4.1	1.4
Foundations/Concrete Pour (Column Footings) - 2023	1.5	14.3	19.9	0.06	3.6	1.4
Building Construction - 2023 (Structure Equipment Garage)	2.8	28.4	40.0	0.13	8.6	3.0
Building Construction - 2023 (Structure Equipment Tower)	2.7	26.0	39.1	0.12	8.3	2.9
Building Construction - 2023 (Structure Equipment Affordable)	2.7	25.8	39.0	0.12	8.2	2.9
Building Construction - 2023 (Retail)	2.7	27.0	39.5	0.13	8.4	2.9
Building Construction + Architectural Coating - 2023	15.8	27.3	42.7	0.12	8.3	3.0
Building Construction + Architectural Coating + Paving - 2024	17.2	40.8	58.3	0.15	9.1	3.6
Building Construction + Architectural Coating - 2025	15.5	24.0	40.0	0.12	8.1	2.8
Daily Maximum Emissions	**17**	**90**	**58**	**0.3**	**11**	**4**
SCAQMD Regional Threshold	75.0	100.0	550.0	150.0	150.0	55.0
Exceeds Threshold?	No	No	No	No	No	No

Hollywood Center
Air Quality Construction Analysis
Unmitigated - Construction West Site First Scenario
East Site Onsite Emissions

Localized Emissions Summary Source	NOX	CO lb/day	PM10 Total	Total PM2.5
Site Preparation - 2022	4.80	4.79	0.23	0.18
Grading - 2022	18.53	21.28	0.81	0.71
Grading - 2023	16.51	21.24	0.73	0.63
Utilities/Trenching - 2022	10.54	10.21	0.52	0.50
Foundations/Concrete Pour (Shoring Wall+Cast In Drilled Hole Foun	11.69	11.80	0.55	0.53
Foundations/Concrete Pour (Mat Foundation)- 2023	7.57	10.24	0.37	0.37
Foundations/Concrete Pour (Column Footings) - 2023	11.69	11.80	0.55	0.53
Building Construction - 2023 (Structure Equipment Garage)	20.30	19.39	0.91	0.87
Building Construction - 2023 (Structure Equipment Tower)	20.30	19.39	0.91	0.87
Building Construction - 2023 (Structure Equipment Affordable)	20.30	19.39	0.91	0.87
Building Construction - 2023 (Retail)	20.30	19.39	0.91	0.87
Building Construction - 2023	20.30	19.39	0.91	0.87
Building Construction - 2024	18.92	19.26	0.82	0.78
Building Construction - 2025	17.63	19.16	0.73	0.69
Architectural Coating - 2023	3.16	3.81	0.17	0.17
Architectural Coating - 2024	2.97	3.80	0.15	0.15
Architectural Coating - 2025	2.81	3.80	0.13	0.13
Paving - 2024	15.25	16.37	0.67	0.62
Daily Maximum Emission	20.30	21.28	0.91	0.87
Localized Significance Threshold	120.0	1235.0	9.8	5.7
Exceed Threshold?	No	No	No	No

Overlapping Phases				
Site Preparation + Utilities/Trenching + Grading/Excavation - 2022	33.9	36.3	1.6	1.4
Grading Excavation - 2023	16.5	21.2	0.7	0.6
Foundations/Concrete Pour (Shoring Wall+Cast In Drilled Hole Foun	11.7	11.8	0.6	0.5
Foundations/Concrete Pour (Mat Foundation)- 2023	7.6	10.2	0.4	0.4
Foundations/Concrete Pour (Column Footings) - 2023	11.7	11.8	0.6	0.5
Building Construction - 2023 (Structure Equipment Garage)	20.3	19.4	0.9	0.9
Building Construction - 2023 (Structure Equipment Tower)	20.3	19.4	0.9	0.9
Building Construction - 2023 (Structure Equipment Affordable)	20.3	19.4	0.9	0.9
Building Construction - 2023 (Retail)	20.3	19.4	0.9	0.9
Building Construction + Architectural Coating - 2023	23.5	23.2	1.1	1.0
Building Construction + Architectural Coating + Paving - 2024	37.1	39.4	1.6	1.5
Building Construction + Architectural Coating - 2025	20.4	23.0	0.9	0.8
Daily Maximum Emissions	**37.1**	**39.4**	**1.6**	**1.5**
Localized Significance Threshold	120.0	1235.0	9.8	5.7
Exceed Threshold?	No	No	No	No

Hollywood Center-West-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
General Office Building	41.60	1000sqft	0.10	41,600.00	0
Enclosed Parking with Elevator	837.00	Space	0.50	432,956.00	0
Other Non-Asphalt Surfaces	22.45	1000sqft	0.10	22,450.00	0
User Defined Parking	5.16	User Defined Unit	0.22	5,163.00	0
City Park	0.79	Acre	0.10	34,205.00	0
Fast Food Restaurant w/o Drive Thru	1.98	1000sqft	0.10	1,983.00	0
High Turnover (Sit Down Restaurant)	11.24	1000sqft	0.10	11,237.00	0
Apartments Mid Rise	68.00	Dwelling Unit	0.20	67,705.00	194
Condo/Townhouse High Rise	449.00	Dwelling Unit	0.50	581,464.00	1284

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)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see construction assumptions

Construction Phase - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Trips and VMT - construction mobile emissions calculated outside of CalEEMod.

Demolition -

Grading - see construction assumptions

Architectural Coating - see construction assumptions

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	27,410.00	55,738.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	82,230.00	167,213.00
tblArchitecturalCoating	ConstArea_Parking	27,634.00	26,287.00
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	398.00
tblConstructionPhase	NumDays	200.00	49.00
tblConstructionPhase	NumDays	200.00	639.00
tblConstructionPhase	NumDays	20.00	49.00
tblConstructionPhase	NumDays	4.00	279.00
tblConstructionPhase	NumDays	10.00	76.00
tblConstructionPhase	NumDays	2.00	24.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00

tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	0.00	1.92
tblGrading	AcresOfGrading	0.00	1.92
tblGrading	MaterialExported	0.00	281,370.00
tblLandUse	LandUseSquareFeet	334,800.00	432,956.00
tblLandUse	LandUseSquareFeet	0.00	5,163.00
tblLandUse	LandUseSquareFeet	34,412.40	34,205.00
tblLandUse	LandUseSquareFeet	1,980.00	1,983.00
tblLandUse	LandUseSquareFeet	11,240.00	11,237.00
tblLandUse	LandUseSquareFeet	68,000.00	67,705.00
tblLandUse	LandUseSquareFeet	449,000.00	581,464.00
tblLandUse	LotAcreage	0.96	0.10
tblLandUse	LotAcreage	7.53	0.50
tblLandUse	LotAcreage	0.52	0.10
tblLandUse	LotAcreage	0.00	0.22
tblLandUse	LotAcreage	0.79	0.10
tblLandUse	LotAcreage	0.05	0.10
tblLandUse	LotAcreage	0.26	0.10
tblLandUse	LotAcreage	1.79	0.20
tblLandUse	LotAcreage	7.02	0.50
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
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	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	HaulingTripNumber	45.00	0.00
tblTripsAndVMT	HaulingTripNumber	35,171.00	0.00
tblTripsAndVMT	VendorTripNumber	145.00	0.00
tblTripsAndVMT	VendorTripNumber	145.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	30.00	0.00
tblTripsAndVMT	WorkerTripNumber	599.00	0.00
tblTripsAndVMT	WorkerTripNumber	599.00	0.00
tblTripsAndVMT	WorkerTripNumber	120.00	0.00
tblTripsAndVMT	WorkerTripNumber	20.00	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					
2021	4.9121	46.4683	44.9894	0.0948	0.4071	2.0568	2.4639	0.0576	1.9492	2.0068	0.0000	9,070.4269	9,070.4269	2.2991	0.0000	9,127.9033
2022	15.9183	25.4670	23.3678	0.0505	0.1214	1.2227	1.2227	0.0181	1.1707	1.1707	0.0000	4,807.9404	4,807.9404	1.4518	0.0000	4,832.4403
2023	17.3868	39.8059	39.5893	0.0846	0.0000	1.8133	1.8133	0.0000	1.7196	1.7196	0.0000	8,082.6203	8,082.6203	1.8596	0.0000	8,129.1103
2024	15.6083	21.8917	23.0655	0.0505	0.0000	0.9650	0.9650	0.0000	0.9232	0.9232	0.0000	4,812.2246	4,812.2246	0.9660	0.0000	4,836.3749
Maximum	**17.3868**	**46.4683**	**44.9894**	**0.0948**	**0.4071**	**2.0568**	**2.4639**	**0.0576**	**1.9492**	**2.0068**	**0.0000**	**9,070.4269**	**9,070.4269**	**2.2991**	**0.0000**	**9,127.9033**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.9121	46.4683	44.9894	0.0948	0.1588	2.0568	2.2156	0.0225	1.9492	1.9717	0.0000	9,070.4269	9,070.4269	2.2991	0.0000	9,127.9033
2022	15.9183	25.4670	23.3678	0.0505	0.0473	1.2227	1.2227	7.0400e-003	1.1707	1.1707	0.0000	4,807.9404	4,807.9404	1.4518	0.0000	4,832.4403
2023	17.3868	39.8059	39.5893	0.0846	0.0000	1.8133	1.8133	0.0000	1.7196	1.7196	0.0000	8,082.6203	8,082.6203	1.8596	0.0000	8,129.1103
2024	15.6083	21.8917	23.0655	0.0505	0.0000	0.9650	0.9650	0.0000	0.9232	0.9232	0.0000	4,812.2246	4,812.2246	0.9660	0.0000	4,836.3749
Maximum	**17.3868**	**46.4683**	**44.9894**	**0.0948**	**0.1588**	**2.0568**	**2.2156**	**0.0225**	**1.9492**	**1.9717**	**0.0000**	**9,070.4269**	**9,070.4269**	**2.2991**	**0.0000**	**9,127.9033**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**61.00**	**0.00**	**3.84**	**61.02**	**0.00**	**0.60**	**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	1/4/2021	3/1/2021	6	49	
2	Utilities/Trenching	Trenching	1/14/2021	2/3/2021	6	18	
3	Site Preparation	Site Preparation	2/1/2021	2/28/2021	6	24	
4	Grading	Grading	2/11/2021	1/2/2022	6	279	
5	Foundations	Building Construction	1/3/2022	2/28/2022	6	49	
6	Building Construction	Building Construction	3/1/2022	3/14/2024	6	639	
7	Architectural Coating	Architectural Coating	10/25/2022	1/31/2024	6	398	
8	Paving	Paving	7/6/2023	10/2/2023	6	76	

Acres of Grading (Site Preparation Phase): 1.92

Acres of Grading (Grading Phase): 1.92

Acres of Paving: 0.82

Residential Indoor: 1,314,567; Residential Outdoor: 438,189; Non-Residential Indoor: 167,213; Non-Residential Outdoor: 55,738; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Air Compressors	1	8.00	78	0.48
Demolition	Concrete/Industrial Saws	2	8.00	81	0.73
Demolition	Dumpers/Tenders	1	8.00	16	0.38
Demolition	Excavators	1	8.00	158	0.38
Demolition	Generator Sets	1	8.00	84	0.74
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Demolition	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Utilities/Trenching	Air Compressors	1	8.00	78	0.48

Utilities/Trenching	Concrete/Industrial Saws	1	8.00	81	0.73
Utilities/Trenching	Cranes	1	8.00	231	0.29
Utilities/Trenching	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Graders	0	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	0	7.00	247	0.40
Site Preparation	Rubber Tired Loaders	1	8.00	203	0.36
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	221	0.50
Grading	Dumpers/Tenders	2	8.00	16	0.38
Grading	Excavators	4	8.00	158	0.38
Grading	Graders	0	6.00	187	0.41
Grading	Plate Compactors	2	8.00	8	0.43
Grading	Rubber Tired Dozers	0	6.00	247	0.40
Grading	Rubber Tired Loaders	2	8.00	203	0.36
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Air Compressors	1	8.00	78	0.48
Foundations	Cranes	1	8.00	231	0.29
Foundations	Dumpers/Tenders	2	8.00	16	0.38
Foundations	Forklifts	1	8.00	89	0.20
Foundations	Generator Sets	1	8.00	84	0.74
Foundations	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Welders	0	8.00	46	0.45
Building Construction	Air Compressors	1	8.00	78	0.48
Building Construction	Bore/Drill Rigs	1	8.00	221	0.50
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Dumpers/Tenders	2	8.00	16	0.38
Building Construction	Forklifts	1	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Pumps	1	8.00	84	0.74

Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48
Architectural Coating	Dumpers/Tenders	1	8.00	16	0.38
Architectural Coating	Forklifts	1	8.00	89	0.20
Paving	Cement and Mortar Mixers	0	6.00	9	0.56
Paving	Concrete/Industrial Saws	1	8.00	81	0.73
Paving	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Plate Compactors	1	8.00	8	0.43
Paving	Rollers	1	8.00	80	0.38
Paving	Surfacing Equipment	1	8.00	263	0.30
Paving	Sweepers/Scrubbers	1	8.00	64	0.46
Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Utilities/Trenching	4	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	12	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Foundations	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	10	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2009	0.0000	0.2009	0.0304	0.0000	0.0304			0.0000			0.0000
Off-Road	2.0646	17.7595	18.5775	0.0352		0.8902	0.8902		0.8715	0.8715		3,349.9864	3,349.9864	0.4904		3,362.2472
Total	**2.0646**	**17.7595**	**18.5775**	**0.0352**	**0.2009**	**0.8902**	**1.0911**	**0.0304**	**0.8715**	**0.9020**		**3,349.9864**	**3,349.9864**	**0.4904**		**3,362.2472**

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**

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					0.0784	0.0000	0.0784	0.0119	0.0000	0.0119			0.0000			0.0000
Off-Road	2.0646	17.7595	18.5775	0.0352		0.8902	0.8902		0.8715	0.8715	0.0000	3,349.9864	3,349.9864	0.4904		3,362.2472
Total	**2.0646**	**17.7595**	**18.5775**	**0.0352**	**0.0784**	**0.8902**	**0.9685**	**0.0119**	**0.8715**	**0.8834**	**0.0000**	**3,349.9864**	**3,349.9864**	**0.4904**		**3,362.2472**

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**

3.3 Utilities/Trenching - 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	1.2769	11.8188	10.3405	0.0191		0.6072	0.6072		0.5825	0.5825		1,827.5675	1,827.5675	0.3382		1,836.0224
Total	**1.2769**	**11.8188**	**10.3405**	**0.0191**		**0.6072**	**0.6072**		**0.5825**	**0.5825**		**1,827.5675**	**1,827.5675**	**0.3382**		**1,836.0224**

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**

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	1.2769	11.8188	10.3405	0.0191		0.6072	0.6072		0.5825	0.5825	0.0000	1,827.5675	1,827.5675	0.3382		1,836.0224
Total	**1.2769**	**11.8188**	**10.3405**	**0.0191**		**0.6072**	**0.6072**		**0.5825**	**0.5825**	**0.0000**	**1,827.5675**	**1,827.5675**	**0.3382**		**1,836.0224**

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**

3.4 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0848	0.0000	0.0848	9.1600e-003	0.0000	9.1600e-003			0.0000			0.0000
Off-Road	0.5722	6.0172	4.8705	0.0114		0.2333	0.2333		0.2146	0.2146		1,105.4182	1,105.4182	0.3575		1,114.3561
Total	**0.5722**	**6.0172**	**4.8705**	**0.0114**	**0.0848**	**0.2333**	**0.3181**	**9.1600e-003**	**0.2146**	**0.2238**		**1,105.4182**	**1,105.4182**	**0.3575**		**1,114.3561**

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**

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					0.0331	0.0000	0.0331	3.5700e-003	0.0000	3.5700e-003			0.0000			0.0000
Off-Road	0.5722	6.0172	4.8705	0.0114		0.2333	0.2333		0.2146	0.2146	0.0000	1,105.4182	1,105.4182	0.3575		1,114.3561
Total	**0.5722**	**6.0172**	**4.8705**	**0.0114**	**0.0331**	**0.2333**	**0.2664**	**3.5700e-003**	**0.2146**	**0.2182**	**0.0000**	**1,105.4182**	**1,105.4182**	**0.3575**		**1,114.3561**

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**

3.5 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1214	0.0000	0.1214	0.0181	0.0000	0.0181			0.0000			0.0000
Off-Road	2.2753	22.6916	21.5414	0.0482		0.9334	0.9334		0.8630	0.8630		4,615.0222	4,615.0222	1.4511		4,651.3000
Total	**2.2753**	**22.6916**	**21.5414**	**0.0482**	**0.1214**	**0.9334**	**1.0547**	**0.0181**	**0.8630**	**0.8811**		**4,615.0222**	**4,615.0222**	**1.4511**		**4,651.3000**

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**

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					0.0473	0.0000	0.0473	7.0400e-003	0.0000	7.0400e-003			0.0000			0.0000
Off-Road	2.2753	22.6916	21.5414	0.0482		0.9334	0.9334		0.8630	0.8630	0.0000	4,615.0222	4,615.0222	1.4511		4,651.3000
Total	**2.2753**	**22.6916**	**21.5414**	**0.0482**	**0.0473**	**0.9334**	**0.9807**	**7.0400e-003**	**0.8630**	**0.8701**	**0.0000**	**4,615.0222**	**4,615.0222**	**1.4511**		**4,651.3000**

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**

3.5 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1214	0.0000	0.1214	0.0181	0.0000	0.0181			0.0000			0.0000
Off-Road	2.0084	18.5316	21.2847	0.0482		0.7637	0.7637		0.7070	0.7070		4,617.0289	4,617.0289	1.4518		4,653.3229
Total	**2.0084**	**18.5316**	**21.2847**	**0.0482**	**0.1214**	**0.7637**	**0.8851**	**0.0181**	**0.7070**	**0.7251**		**4,617.0289**	**4,617.0289**	**1.4518**		**4,653.3229**

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**

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					0.0473	0.0000	0.0473	7.0400e-003	0.0000	7.0400e-003			0.0000			0.0000
Off-Road	2.0084	18.5316	21.2847	0.0482		0.7637	0.7637		0.7070	0.7070	0.0000	4,617.0289	4,617.0289	1.4518		4,653.3229
Total	**2.0084**	**18.5316**	**21.2847**	**0.0482**	**0.0473**	**0.7637**	**0.8111**	**7.0400e-003**	**0.7070**	**0.7140**	**0.0000**	**4,617.0289**	**4,617.0289**	**1.4518**		**4,653.3229**

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**

3.6 Foundations - 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	1.4009	12.6501	11.8797	0.0225		0.6243	0.6243		0.5976	0.5976		2,128.2794	2,128.2794	0.3932		2,138.1083
Total	**1.4009**	**12.6501**	**11.8797**	**0.0225**		**0.6243**	**0.6243**		**0.5976**	**0.5976**		**2,128.2794**	**2,128.2794**	**0.3932**		**2,138.1083**

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**

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	1.4009	12.6501	11.8797	0.0225		0.6243	0.6243		0.5976	0.5976	0.0000	2,128.2794	2,128.2794	0.3932		2,138.1083
Total	**1.4009**	**12.6501**	**11.8797**	**0.0225**		**0.6243**	**0.6243**		**0.5976**	**0.5976**	**0.0000**	**2,128.2794**	**2,128.2794**	**0.3932**		**2,138.1083**

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**

3.7 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3499	22.0696	19.5451	0.0442		1.0265	1.0265		0.9801	0.9801		4,223.7051	4,223.7051	0.9012		4,246.2339
Total	**2.3499**	**22.0696**	**19.5451**	**0.0442**		**1.0265**	**1.0265**		**0.9801**	**0.9801**		**4,223.7051**	**4,223.7051**	**0.9012**		**4,246.2339**

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**

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	2.3499	22.0696	19.5451	0.0442		1.0265	1.0265		0.9801	0.9801	0.0000	4,223.7051	4,223.7051	0.9012		4,246.2339
Total	**2.3499**	**22.0696**	**19.5451**	**0.0442**		**1.0265**	**1.0265**		**0.9801**	**0.9801**	**0.0000**	**4,223.7051**	**4,223.7051**	**0.9012**		**4,246.2339**

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**

3.7 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2080	20.3008	19.3889	0.0443		0.9121	0.9121		0.8705	0.8705		4,225.8629	4,225.8629	0.8944		4,248.2225
Total	**2.2080**	**20.3008**	**19.3889**	**0.0443**		**0.9121**	**0.9121**		**0.8705**	**0.8705**		**4,225.8629**	**4,225.8629**	**0.8944**		**4,248.2225**

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**

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	2.2080	20.3008	19.3889	0.0443		0.9121	0.9121		0.8705	0.8705	0.0000	4,225.8629	4,225.8629	0.8944		4,248.2225
Total	**2.2080**	**20.3008**	**19.3889**	**0.0443**		**0.9121**	**0.9121**		**0.8705**	**0.8705**	**0.0000**	**4,225.8629**	**4,225.8629**	**0.8944**		**4,248.2225**

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**

3.7 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0910	18.9186	19.2617	0.0443		0.8155	0.8155		0.7778	0.7778		4,227.9894	4,227.9894	0.8905		4,250.2510
Total	**2.0910**	**18.9186**	**19.2617**	**0.0443**		**0.8155**	**0.8155**		**0.7778**	**0.7778**		**4,227.9894**	**4,227.9894**	**0.8905**		**4,250.2510**

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**

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	2.0910	18.9186	19.2617	0.0443		0.8155	0.8155		0.7778	0.7778	0.0000	4,227.9894	4,227.9894	0.8905		4,250.2510
Total	**2.0910**	**18.9186**	**19.2617**	**0.0443**		**0.8155**	**0.8155**		**0.7778**	**0.7778**	**0.0000**	**4,227.9894**	**4,227.9894**	**0.8905**		**4,250.2510**

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**

3.8 Architectural Coating - 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	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4598	3.3974	3.8227	6.2400e-003		0.1962	0.1962		0.1906	0.1906		584.2352	584.2352	0.0789		586.2065
Total	**13.5684**	**3.3974**	**3.8227**	**6.2400e-003**		**0.1962**	**0.1962**		**0.1906**	**0.1906**		**584.2352**	**584.2352**	**0.0789**		**586.2065**

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**

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	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4598	3.3974	3.8227	6.2400e-003		0.1962	0.1962		0.1906	0.1906	0.0000	584.2352	584.2352	0.0789		586.2065
Total	**13.5684**	**3.3974**	**3.8227**	**6.2400e-003**		**0.1962**	**0.1962**		**0.1906**	**0.1906**	**0.0000**	**584.2352**	**584.2352**	**0.0789**		**586.2065**

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**

3.8 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4315	3.1615	3.8104	6.2400e-003		0.1711	0.1711		0.1664	0.1664		584.2352	584.2352	0.0769		586.1569
Total	**13.5402**	**3.1615**	**3.8104**	**6.2400e-003**		**0.1711**	**0.1711**		**0.1664**	**0.1664**		**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

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	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4315	3.1615	3.8104	6.2400e-003		0.1711	0.1711		0.1664	0.1664	0.0000	584.2352	584.2352	0.0769		586.1569
Total	**13.5402**	**3.1615**	**3.8104**	**6.2400e-003**		**0.1711**	**0.1711**		**0.1664**	**0.1664**	**0.0000**	**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

3.8 Architectural Coating - 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					
Archit. Coating	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4087	2.9731	3.8037	6.2400e-003		0.1495	0.1495		0.1454	0.1454		584.2352	584.2352	0.0756		586.1239
Total	**13.5173**	**2.9731**	**3.8037**	**6.2400e-003**		**0.1495**	**0.1495**		**0.1454**	**0.1454**		**584.2352**	**584.2352**	**0.0756**		**586.1239**

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**

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	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4087	2.9731	3.8037	6.2400e-003		0.1495	0.1495		0.1454	0.1454	0.0000	584.2352	584.2352	0.0756		586.1239
Total	**13.5173**	**2.9731**	**3.8037**	**6.2400e-003**		**0.1495**	**0.1495**		**0.1454**	**0.1454**	**0.0000**	**584.2352**	**584.2352**	**0.0756**		**586.1239**

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**

3.9 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6387	16.3436	16.3899	0.0341		0.7301	0.7301		0.6827	0.6827		3,272.5221	3,272.5221	0.8884		3,294.7309
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6387**	**16.3436**	**16.3899**	**0.0341**		**0.7301**	**0.7301**		**0.6827**	**0.6827**		**3,272.5221**	**3,272.5221**	**0.8884**		**3,294.7309**

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**

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	1.6387	16.3436	16.3899	0.0341		0.7301	0.7301		0.6827	0.6827	0.0000	3,272.5221	3,272.5221	0.8884		3,294.7309
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6387**	**16.3436**	**16.3899**	**0.0341**		**0.7301**	**0.7301**		**0.6827**	**0.6827**	**0.0000**	**3,272.5221**	**3,272.5221**	**0.8884**		**3,294.7309**

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**

Hollywood Center-West-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
General Office Building	41.60	1000sqft	0.10	41,600.00	0
Enclosed Parking with Elevator	837.00	Space	0.50	432,956.00	0
Other Non-Asphalt Surfaces	22.45	1000sqft	0.10	22,450.00	0
User Defined Parking	5.16	User Defined Unit	0.22	5,163.00	0
City Park	0.79	Acre	0.10	34,205.00	0
Fast Food Restaurant w/o Drive Thru	1.98	1000sqft	0.10	1,983.00	0
High Turnover (Sit Down Restaurant)	11.24	1000sqft	0.10	11,237.00	0
Apartments Mid Rise	68.00	Dwelling Unit	0.20	67,705.00	194
Condo/Townhouse High Rise	449.00	Dwelling Unit	0.50	581,464.00	1284

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)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see construction assumptions

Construction Phase - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Trips and VMT - construction mobile emissions calculated outside of CalEEMod.

Demolition -

Grading - see construction assumptions

Architectural Coating - see construction assumptions

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	27,410.00	55,738.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	82,230.00	167,213.00
tblArchitecturalCoating	ConstArea_Parking	27,634.00	26,287.00
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	398.00
tblConstructionPhase	NumDays	200.00	49.00
tblConstructionPhase	NumDays	200.00	639.00
tblConstructionPhase	NumDays	20.00	49.00
tblConstructionPhase	NumDays	4.00	279.00
tblConstructionPhase	NumDays	10.00	76.00
tblConstructionPhase	NumDays	2.00	24.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00

tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	0.00	1.92
tblGrading	AcresOfGrading	0.00	1.92
tblGrading	MaterialExported	0.00	281,370.00
tblLandUse	LandUseSquareFeet	334,800.00	432,956.00
tblLandUse	LandUseSquareFeet	0.00	5,163.00
tblLandUse	LandUseSquareFeet	34,412.40	34,205.00
tblLandUse	LandUseSquareFeet	1,980.00	1,983.00
tblLandUse	LandUseSquareFeet	11,240.00	11,237.00
tblLandUse	LandUseSquareFeet	68,000.00	67,705.00
tblLandUse	LandUseSquareFeet	449,000.00	581,464.00
tblLandUse	LotAcreage	0.96	0.10
tblLandUse	LotAcreage	7.53	0.50
tblLandUse	LotAcreage	0.52	0.10
tblLandUse	LotAcreage	0.00	0.22
tblLandUse	LotAcreage	0.79	0.10
tblLandUse	LotAcreage	0.05	0.10
tblLandUse	LotAcreage	0.26	0.10
tblLandUse	LotAcreage	1.79	0.20
tblLandUse	LotAcreage	7.02	0.50
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
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	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	HaulingTripNumber	45.00	0.00
tblTripsAndVMT	HaulingTripNumber	35,171.00	0.00
tblTripsAndVMT	VendorTripNumber	145.00	0.00
tblTripsAndVMT	VendorTripNumber	145.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	30.00	0.00
tblTripsAndVMT	WorkerTripNumber	599.00	0.00
tblTripsAndVMT	WorkerTripNumber	599.00	0.00
tblTripsAndVMT	WorkerTripNumber	120.00	0.00
tblTripsAndVMT	WorkerTripNumber	20.00	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					
2021	4.9121	46.4683	44.9894	0.0948	0.4071	2.0568	2.4639	0.0576	1.9492	2.0068	0.0000	9,070.4269	9,070.4269	2.2991	0.0000	9,127.9033
2022	15.9183	25.4670	23.3678	0.0505	0.1214	1.2227	1.2227	0.0181	1.1707	1.1707	0.0000	4,807.9404	4,807.9404	1.4518	0.0000	4,832.4403
2023	17.3868	39.8059	39.5893	0.0846	0.0000	1.8133	1.8133	0.0000	1.7196	1.7196	0.0000	8,082.6203	8,082.6203	1.8596	0.0000	8,129.1103
2024	15.6083	21.8917	23.0655	0.0505	0.0000	0.9650	0.9650	0.0000	0.9232	0.9232	0.0000	4,812.2246	4,812.2246	0.9660	0.0000	4,836.3749
Maximum	**17.3868**	**46.4683**	**44.9894**	**0.0948**	**0.4071**	**2.0568**	**2.4639**	**0.0576**	**1.9492**	**2.0068**	**0.0000**	**9,070.4269**	**9,070.4269**	**2.2991**	**0.0000**	**9,127.9033**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.9121	46.4683	44.9894	0.0948	0.1588	2.0568	2.2156	0.0225	1.9492	1.9717	0.0000	9,070.4269	9,070.4269	2.2991	0.0000	9,127.9033
2022	15.9183	25.4670	23.3678	0.0505	0.0473	1.2227	1.2227	7.0400e-003	1.1707	1.1707	0.0000	4,807.9404	4,807.9404	1.4518	0.0000	4,832.4403
2023	17.3868	39.8059	39.5893	0.0846	0.0000	1.8133	1.8133	0.0000	1.7196	1.7196	0.0000	8,082.6203	8,082.6203	1.8596	0.0000	8,129.1103
2024	15.6083	21.8917	23.0655	0.0505	0.0000	0.9650	0.9650	0.0000	0.9232	0.9232	0.0000	4,812.2246	4,812.2246	0.9660	0.0000	4,836.3749
Maximum	**17.3868**	**46.4683**	**44.9894**	**0.0948**	**0.1588**	**2.0568**	**2.2156**	**0.0225**	**1.9492**	**1.9717**	**0.0000**	**9,070.4269**	**9,070.4269**	**2.2991**	**0.0000**	**9,127.9033**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**61.00**	**0.00**	**3.84**	**61.02**	**0.00**	**0.60**	**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	1/4/2021	3/1/2021	6	49	
2	Utilities/Trenching	Trenching	1/14/2021	2/3/2021	6	18	
3	Site Preparation	Site Preparation	2/1/2021	2/28/2021	6	24	
4	Grading	Grading	2/11/2021	1/2/2022	6	279	
5	Foundations	Building Construction	1/3/2022	2/28/2022	6	49	
6	Building Construction	Building Construction	3/1/2022	3/14/2024	6	639	
7	Architectural Coating	Architectural Coating	10/25/2022	1/31/2024	6	398	
8	Paving	Paving	7/6/2023	10/2/2023	6	76	

Acres of Grading (Site Preparation Phase): 1.92

Acres of Grading (Grading Phase): 1.92

Acres of Paving: 0.82

Residential Indoor: 1,314,567; Residential Outdoor: 438,189; Non-Residential Indoor: 167,213; Non-Residential Outdoor: 55,738; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Air Compressors	1	8.00	78	0.48
Demolition	Concrete/Industrial Saws	2	8.00	81	0.73
Demolition	Dumpers/Tenders	1	8.00	16	0.38
Demolition	Excavators	1	8.00	158	0.38
Demolition	Generator Sets	1	8.00	84	0.74
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Demolition	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Utilities/Trenching	Air Compressors	1	8.00	78	0.48
Utilities/Trenching	Concrete/Industrial Saws	1	8.00	81	0.73
Utilities/Trenching	Cranes	1	8.00	231	0.29
Utilities/Trenching	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Graders	0	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	0	7.00	247	0.40
Site Preparation	Rubber Tired Loaders	1	8.00	203	0.36
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	221	0.50
Grading	Dumpers/Tenders	2	8.00	16	0.38
Grading	Excavators	4	8.00	158	0.38
Grading	Graders	0	6.00	187	0.41
Grading	Plate Compactors	2	8.00	8	0.43
Grading	Rubber Tired Dozers	0	6.00	247	0.40
Grading	Rubber Tired Loaders	2	8.00	203	0.36
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Air Compressors	1	8.00	78	0.48
Foundations	Cranes	1	8.00	231	0.29
Foundations	Dumpers/Tenders	2	8.00	16	0.38
Foundations	Forklifts	1	8.00	89	0.20
Foundations	Generator Sets	1	8.00	84	0.74
Foundations	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Welders	0	8.00	46	0.45
Building Construction	Air Compressors	1	8.00	78	0.48
Building Construction	Bore/Drill Rigs	1	8.00	221	0.50
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Dumpers/Tenders	2	8.00	16	0.38
Building Construction	Forklifts	1	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74

Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48
Architectural Coating	Dumpers/Tenders	1	8.00	16	0.38
Architectural Coating	Forklifts	1	8.00	89	0.20
Paving	Cement and Mortar Mixers	0	6.00	9	0.56
Paving	Concrete/Industrial Saws	1	8.00	81	0.73
Paving	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Plate Compactors	1	8.00	8	0.43
Paving	Rollers	1	8.00	80	0.38
Paving	Surfacing Equipment	1	8.00	263	0.30
Paving	Sweepers/Scrubbers	1	8.00	64	0.46
Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Utilities/Trenching	4	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	12	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Foundations	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	10	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2009	0.0000	0.2009	0.0304	0.0000	0.0304			0.0000			0.0000
Off-Road	2.0646	17.7595	18.5775	0.0352		0.8902	0.8902		0.8715	0.8715		3,349.9864	3,349.9864	0.4904		3,362.2472
Total	**2.0646**	**17.7595**	**18.5775**	**0.0352**	**0.2009**	**0.8902**	**1.0911**	**0.0304**	**0.8715**	**0.9020**		**3,349.9864**	**3,349.9864**	**0.4904**		**3,362.2472**

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**

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					0.0784	0.0000	0.0784	0.0119	0.0000	0.0119			0.0000			0.0000
Off-Road	2.0646	17.7595	18.5775	0.0352		0.8902	0.8902		0.8715	0.8715	0.0000	3,349.9864	3,349.9864	0.4904		3,362.2472
Total	**2.0646**	**17.7595**	**18.5775**	**0.0352**	**0.0784**	**0.8902**	**0.9685**	**0.0119**	**0.8715**	**0.8834**	**0.0000**	**3,349.9864**	**3,349.9864**	**0.4904**		**3,362.2472**

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**

3.3 Utilities/Trenching - 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	1.2769	11.8188	10.3405	0.0191		0.6072	0.6072		0.5825	0.5825		1,827.5675	1,827.5675	0.3382		1,836.0224
Total	**1.2769**	**11.8188**	**10.3405**	**0.0191**		**0.6072**	**0.6072**		**0.5825**	**0.5825**		**1,827.5675**	**1,827.5675**	**0.3382**		**1,836.0224**

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**

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	1.2769	11.8188	10.3405	0.0191		0.6072	0.6072		0.5825	0.5825	0.0000	1,827.5675	1,827.5675	0.3382		1,836.0224
Total	**1.2769**	**11.8188**	**10.3405**	**0.0191**		**0.6072**	**0.6072**		**0.5825**	**0.5825**	**0.0000**	**1,827.5675**	**1,827.5675**	**0.3382**		**1,836.0224**

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**

3.4 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0848	0.0000	0.0848	9.1600e-003	0.0000	9.1600e-003			0.0000			0.0000
Off-Road	0.5722	6.0172	4.8705	0.0114		0.2333	0.2333		0.2146	0.2146		1,105.4182	1,105.4182	0.3575		1,114.3561
Total	**0.5722**	**6.0172**	**4.8705**	**0.0114**	**0.0848**	**0.2333**	**0.3181**	**9.1600e-003**	**0.2146**	**0.2238**		**1,105.4182**	**1,105.4182**	**0.3575**		**1,114.3561**

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**

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					0.0331	0.0000	0.0331	3.5700e-003	0.0000	3.5700e-003			0.0000			0.0000
Off-Road	0.5722	6.0172	4.8705	0.0114		0.2333	0.2333		0.2146	0.2146	0.0000	1,105.4182	1,105.4182	0.3575		1,114.3561
Total	**0.5722**	**6.0172**	**4.8705**	**0.0114**	**0.0331**	**0.2333**	**0.2664**	**3.5700e-003**	**0.2146**	**0.2182**	**0.0000**	**1,105.4182**	**1,105.4182**	**0.3575**		**1,114.3561**

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**

3.5 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1214	0.0000	0.1214	0.0181	0.0000	0.0181			0.0000			0.0000
Off-Road	2.2753	22.6916	21.5414	0.0482		0.9334	0.9334		0.8630	0.8630		4,615.0222	4,615.0222	1.4511		4,651.3000
Total	**2.2753**	**22.6916**	**21.5414**	**0.0482**	**0.1214**	**0.9334**	**1.0547**	**0.0181**	**0.8630**	**0.8811**		**4,615.0222**	**4,615.0222**	**1.4511**		**4,651.3000**

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**

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					0.0473	0.0000	0.0473	7.0400e-003	0.0000	7.0400e-003			0.0000			0.0000
Off-Road	2.2753	22.6916	21.5414	0.0482		0.9334	0.9334		0.8630	0.8630	0.0000	4,615.0222	4,615.0222	1.4511		4,651.3000
Total	**2.2753**	**22.6916**	**21.5414**	**0.0482**	**0.0473**	**0.9334**	**0.9807**	**7.0400e-003**	**0.8630**	**0.8701**	**0.0000**	**4,615.0222**	**4,615.0222**	**1.4511**		**4,651.3000**

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**

3.5 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1214	0.0000	0.1214	0.0181	0.0000	0.0181			0.0000			0.0000
Off-Road	2.0084	18.5316	21.2847	0.0482		0.7637	0.7637		0.7070	0.7070		4,617.0289	4,617.0289	1.4518		4,653.3229
Total	**2.0084**	**18.5316**	**21.2847**	**0.0482**	**0.1214**	**0.7637**	**0.8851**	**0.0181**	**0.7070**	**0.7251**		**4,617.0289**	**4,617.0289**	**1.4518**		**4,653.3229**

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**

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					0.0473	0.0000	0.0473	7.0400e-003	0.0000	7.0400e-003			0.0000			0.0000
Off-Road	2.0084	18.5316	21.2847	0.0482		0.7637	0.7637		0.7070	0.7070	0.0000	4,617.0289	4,617.0289	1.4518		4,653.3229
Total	**2.0084**	**18.5316**	**21.2847**	**0.0482**	**0.0473**	**0.7637**	**0.8111**	**7.0400e-003**	**0.7070**	**0.7140**	**0.0000**	**4,617.0289**	**4,617.0289**	**1.4518**		**4,653.3229**

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**

3.6 Foundations - 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	1.4009	12.6501	11.8797	0.0225		0.6243	0.6243		0.5976	0.5976		2,128.2794	2,128.2794	0.3932		2,138.1083
Total	**1.4009**	**12.6501**	**11.8797**	**0.0225**		**0.6243**	**0.6243**		**0.5976**	**0.5976**		**2,128.2794**	**2,128.2794**	**0.3932**		**2,138.1083**

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**

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	1.4009	12.6501	11.8797	0.0225		0.6243	0.6243		0.5976	0.5976	0.0000	2,128.2794	2,128.2794	0.3932		2,138.1083
Total	**1.4009**	**12.6501**	**11.8797**	**0.0225**		**0.6243**	**0.6243**		**0.5976**	**0.5976**	**0.0000**	**2,128.2794**	**2,128.2794**	**0.3932**		**2,138.1083**

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**

3.7 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3499	22.0696	19.5451	0.0442		1.0265	1.0265		0.9801	0.9801		4,223.7051	4,223.7051	0.9012		4,246.2339
Total	**2.3499**	**22.0696**	**19.5451**	**0.0442**		**1.0265**	**1.0265**		**0.9801**	**0.9801**		**4,223.7051**	**4,223.7051**	**0.9012**		**4,246.2339**

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**

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	2.3499	22.0696	19.5451	0.0442		1.0265	1.0265		0.9801	0.9801	0.0000	4,223.7051	4,223.7051	0.9012		4,246.2339
Total	**2.3499**	**22.0696**	**19.5451**	**0.0442**		**1.0265**	**1.0265**		**0.9801**	**0.9801**	**0.0000**	**4,223.7051**	**4,223.7051**	**0.9012**		**4,246.2339**

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**

3.7 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2080	20.3008	19.3889	0.0443		0.9121	0.9121		0.8705	0.8705		4,225.8629	4,225.8629	0.8944		4,248.2225
Total	**2.2080**	**20.3008**	**19.3889**	**0.0443**		**0.9121**	**0.9121**		**0.8705**	**0.8705**		**4,225.8629**	**4,225.8629**	**0.8944**		**4,248.2225**

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**

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	2.2080	20.3008	19.3889	0.0443		0.9121	0.9121		0.8705	0.8705	0.0000	4,225.8629	4,225.8629	0.8944		4,248.2225
Total	**2.2080**	**20.3008**	**19.3889**	**0.0443**		**0.9121**	**0.9121**		**0.8705**	**0.8705**	**0.0000**	**4,225.8629**	**4,225.8629**	**0.8944**		**4,248.2225**

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**

3.7 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0910	18.9186	19.2617	0.0443		0.8155	0.8155		0.7778	0.7778		4,227.9894	4,227.9894	0.8905		4,250.2510
Total	**2.0910**	**18.9186**	**19.2617**	**0.0443**		**0.8155**	**0.8155**		**0.7778**	**0.7778**		**4,227.9894**	**4,227.9894**	**0.8905**		**4,250.2510**

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**

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	2.0910	18.9186	19.2617	0.0443		0.8155	0.8155		0.7778	0.7778	0.0000	4,227.9894	4,227.9894	0.8905		4,250.2510
Total	**2.0910**	**18.9186**	**19.2617**	**0.0443**		**0.8155**	**0.8155**		**0.7778**	**0.7778**	**0.0000**	**4,227.9894**	**4,227.9894**	**0.8905**		**4,250.2510**

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**

3.8 Architectural Coating - 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	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4598	3.3974	3.8227	6.2400e-003		0.1962	0.1962		0.1906	0.1906		584.2352	584.2352	0.0789		586.2065
Total	**13.5684**	**3.3974**	**3.8227**	**6.2400e-003**		**0.1962**	**0.1962**		**0.1906**	**0.1906**		**584.2352**	**584.2352**	**0.0789**		**586.2065**

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**

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	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4598	3.3974	3.8227	6.2400e-003		0.1962	0.1962		0.1906	0.1906	0.0000	584.2352	584.2352	0.0789		586.2065
Total	**13.5684**	**3.3974**	**3.8227**	**6.2400e-003**		**0.1962**	**0.1962**		**0.1906**	**0.1906**	**0.0000**	**584.2352**	**584.2352**	**0.0789**		**586.2065**

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**

3.8 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4315	3.1615	3.8104	6.2400e-003		0.1711	0.1711		0.1664	0.1664		584.2352	584.2352	0.0769		586.1569
Total	**13.5402**	**3.1615**	**3.8104**	**6.2400e-003**		**0.1711**	**0.1711**		**0.1664**	**0.1664**		**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

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	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4315	3.1615	3.8104	6.2400e-003		0.1711	0.1711		0.1664	0.1664	0.0000	584.2352	584.2352	0.0769		586.1569
Total	**13.5402**	**3.1615**	**3.8104**	**6.2400e-003**		**0.1711**	**0.1711**		**0.1664**	**0.1664**	**0.0000**	**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

3.8 Architectural Coating - 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					
Archit. Coating	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4087	2.9731	3.8037	6.2400e-003		0.1495	0.1495		0.1454	0.1454		584.2352	584.2352	0.0756		586.1239
Total	**13.5173**	**2.9731**	**3.8037**	**6.2400e-003**		**0.1495**	**0.1495**		**0.1454**	**0.1454**		**584.2352**	**584.2352**	**0.0756**		**586.1239**

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**

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	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4087	2.9731	3.8037	6.2400e-003		0.1495	0.1495		0.1454	0.1454	0.0000	584.2352	584.2352	0.0756		586.1239
Total	**13.5173**	**2.9731**	**3.8037**	**6.2400e-003**		**0.1495**	**0.1495**		**0.1454**	**0.1454**	**0.0000**	**584.2352**	**584.2352**	**0.0756**		**586.1239**

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**

3.9 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6387	16.3436	16.3899	0.0341		0.7301	0.7301		0.6827	0.6827		3,272.5221	3,272.5221	0.8884		3,294.7309
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6387**	**16.3436**	**16.3899**	**0.0341**		**0.7301**	**0.7301**		**0.6827**	**0.6827**		**3,272.5221**	**3,272.5221**	**0.8884**		**3,294.7309**

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**

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	1.6387	16.3436	16.3899	0.0341		0.7301	0.7301		0.6827	0.6827	0.0000	3,272.5221	3,272.5221	0.8884		3,294.7309
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6387**	**16.3436**	**16.3899**	**0.0341**		**0.7301**	**0.7301**		**0.6827**	**0.6827**	**0.0000**	**3,272.5221**	**3,272.5221**	**0.8884**		**3,294.7309**

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**

Hollywood Center-East-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
General Office Building	32.66	1000sqft	0.10	32,665.00	0
Enclosed Parking with Elevator	684.00	Space	0.80	353,824.00	0
Other Non-Asphalt Surfaces	21.15	1000sqft	0.10	21,150.00	0
User Defined Parking	1.63	User Defined Unit	0.14	1,627.00	0
City Park	0.81	Acre	0.10	35,300.00	0
Fast Food Restaurant w/o Drive Thru	2.73	1000sqft	0.10	2,732.00	0
High Turnover (Sit Down Restaurant)	15.48	1000sqft	0.10	15,482.00	0
Apartments Mid Rise	65.00	Dwelling Unit	0.30	67,149.00	186
Condo/Townhouse High Rise	423.00	Dwelling Unit	0.95	575,100.00	1210

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see construction assumptions

Construction Phase - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment -

Trips and VMT - construction mobile emissions calculated outside of CalEEMod.

Grading - see construction assumptions

Architectural Coating - see construction assumptions

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	25,440.00	53,665.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	76,319.00	160,994.00
tblArchitecturalCoating	ConstArea_Parking	22,596.00	21,327.00
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	401.00
tblConstructionPhase	NumDays	220.00	40.00
tblConstructionPhase	NumDays	220.00	726.00
tblConstructionPhase	NumDays	6.00	259.00
tblConstructionPhase	NumDays	10.00	78.00
tblConstructionPhase	NumDays	3.00	27.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00

tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	0.00	2.69
tblGrading	AcresOfGrading	0.00	2.69
tblGrading	MaterialExported	0.00	260,930.00
tblGrading	MaterialExported	0.00	704.00
tblLandUse	LandUseSquareFeet	32,660.00	32,665.00
tblLandUse	LandUseSquareFeet	273,600.00	353,824.00
tblLandUse	LandUseSquareFeet	0.00	1,627.00
tblLandUse	LandUseSquareFeet	35,283.60	35,300.00
tblLandUse	LandUseSquareFeet	2,730.00	2,732.00
tblLandUse	LandUseSquareFeet	15,480.00	15,482.00
tblLandUse	LandUseSquareFeet	65,000.00	67,149.00
tblLandUse	LandUseSquareFeet	423,000.00	575,100.00
tblLandUse	LotAcreage	0.75	0.10
tblLandUse	LotAcreage	6.16	0.80
tblLandUse	LotAcreage	0.49	0.10
tblLandUse	LotAcreage	0.00	0.14
tblLandUse	LotAcreage	0.81	0.10
tblLandUse	LotAcreage	0.06	0.10
tblLandUse	LotAcreage	0.36	0.10
tblLandUse	LotAcreage	1.71	0.30
tblLandUse	LotAcreage	6.61	0.95
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	HaulingTripNumber	88.00	0.00
tblTripsAndVMT	HaulingTripNumber	32,616.00	0.00
tblTripsAndVMT	VendorTripNumber	128.00	0.00
tblTripsAndVMT	VendorTripNumber	128.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	30.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	542.00	0.00
tblTripsAndVMT	WorkerTripNumber	542.00	0.00
tblTripsAndVMT	WorkerTripNumber	108.00	0.00
tblTripsAndVMT	WorkerTripNumber	20.00	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					
2022	3.6703	33.8726	36.2841	0.0787	0.2336	1.4741	1.7077	0.0303	1.3813	1.4116	0.0000	7,550.7065	7,550.7065	2.1443	0.0000	7,604.3136
2023	15.3889	23.4623	23.1994	0.0505	0.1250	1.0832	1.0832	0.0184	1.0369	1.0369	0.0000	4,810.0981	4,810.0981	1.4525	0.0000	4,834.3795
2024	16.8092	37.1403	39.4377	0.0846	0.0000	1.6300	1.6300	0.0000	1.5446	1.5446	0.0000	8,084.2091	8,084.2091	1.8531	0.0000	8,130.5377
2025	15.1188	20.4433	22.9581	0.0505	0.0000	0.8577	0.8577	0.0000	0.8199	0.8199	0.0000	4,812.4384	4,812.4384	0.9604	0.0000	4,836.4477
Maximum	**16.8092**	**37.1403**	**39.4377**	**0.0846**	**0.2336**	**1.6300**	**1.7077**	**0.0303**	**1.5446**	**1.5446**	**0.0000**	**8,084.2091**	**8,084.2091**	**2.1443**	**0.0000**	**8,130.5377**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	3.6703	33.8726	36.2841	0.0787	0.0911	1.4741	1.5652	0.0118	1.3813	1.3931	0.0000	7,550.7065	7,550.7065	2.1443	0.0000	7,604.3136
2023	15.3889	23.4623	23.1994	0.0505	0.0487	1.0832	1.0832	7.1900e-003	1.0369	1.0369	0.0000	4,810.0981	4,810.0981	1.4525	0.0000	4,834.3795
2024	16.8092	37.1403	39.4377	0.0846	0.0000	1.6300	1.6300	0.0000	1.5446	1.5446	0.0000	8,084.2091	8,084.2091	1.8531	0.0000	8,130.5377
2025	15.1188	20.4433	22.9581	0.0505	0.0000	0.8577	0.8577	0.0000	0.8199	0.8199	0.0000	4,812.4384	4,812.4384	0.9604	0.0000	4,836.4477
Maximum	**16.8092**	**37.1403**	**39.4377**	**0.0846**	**0.0911**	**1.6300**	**1.6300**	**0.0118**	**1.5446**	**1.5446**	**0.0000**	**8,084.2091**	**8,084.2091**	**2.1443**	**0.0000**	**8,130.5377**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**61.00**	**0.00**	**2.70**	**61.02**	**0.00**	**0.38**	**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	Site Preparation	Site Preparation	3/1/2022	3/31/2022	6	27	
2	Grading	Grading	3/15/2022	1/10/2023	6	259	
3	Utilities/Trenching	Trenching	3/15/2022	3/26/2022	6	11	
4	Foundations	Building Construction	1/11/2023	2/26/2023	6	40	
5	Building Construction	Building Construction	2/27/2023	6/22/2025	6	726	
6	Architectural Coating	Architectural Coating	10/14/2023	1/23/2025	6	401	
7	Paving	Paving	7/12/2024	10/10/2024	6	78	

Acres of Grading (Site Preparation Phase): 2.69

Acres of Grading (Grading Phase): 2.69

Acres of Paving: 1.04

Residential Indoor: 1,300,554; Residential Outdoor: 433,518; Non-Residential Indoor: 160,994; Non-Residential Outdoor: 53,665; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Graders	0	8.00	187	0.41
Site Preparation	Rubber Tired Loaders	1	8.00	203	0.36
Site Preparation	Scrapers	0	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	221	0.50
Grading	Dumpers/Tenders	2	8.00	16	0.38
Grading	Excavators	4	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41

Grading	Plate Compactors	2	8.00	8	0.43
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Rubber Tired Loaders	2	8.00	203	0.36
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Utilities/Trenching	Air Compressors	1	8.00	78	0.48
Utilities/Trenching	Concrete/Industrial Saws	1	8.00	81	0.73
Utilities/Trenching	Cranes	1	8.00	231	0.29
Utilities/Trenching	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Air Compressors	1	8.00	78	0.48
Foundations	Cranes	1	8.00	231	0.29
Foundations	Dumpers/Tenders	2	8.00	16	0.38
Foundations	Forklifts	1	8.00	89	0.20
Foundations	Generator Sets	1	8.00	84	0.74
Foundations	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Welders	0	8.00	46	0.45
Building Construction	Air Compressors	1	8.00	78	0.48
Building Construction	Bore/Drill Rigs	1	8.00	221	0.50
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Dumpers/Tenders	2	8.00	16	0.38
Building Construction	Forklifts	1	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48
Architectural Coating	Dumpers/Tenders	1	8.00	16	0.38
Architectural Coating	Forklifts	1	8.00	89	0.20
Paving	Cement and Mortar Mixers	0	8.00	9	0.56
Paving	Concrete/Industrial Saws	1	8.00	81	0.73
Paving	Graders	1	8.00	187	0.41

Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Plate Compactors	1	8.00	8	0.43
Paving	Rollers	1	8.00	80	0.38
Paving	Surfacing Equipment	1	8.00	263	0.30
Paving	Sweepers/Scrubbers	1	8.00	64	0.46
Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	12	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Utilities/Trenching	4	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Foundations	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	10	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1086	0.0000	0.1086	0.0119	0.0000	0.0119			0.0000			0.0000
Off-Road	0.4938	4.8020	4.7864	0.0114		0.1874	0.1874		0.1724	0.1724		1,105.6796	1,105.6796	0.3576		1,114.6196
Total	**0.4938**	**4.8020**	**4.7864**	**0.0114**	**0.1086**	**0.1874**	**0.2960**	**0.0119**	**0.1724**	**0.1843**		**1,105.6796**	**1,105.6796**	**0.3576**		**1,114.6196**

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**

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					0.0424	0.0000	0.0424	4.6200e-003	0.0000	4.6200e-003			0.0000			0.0000
Off-Road	0.4938	4.8020	4.7864	0.0114		0.1874	0.1874		0.1724	0.1724	0.0000	1,105.6796	1,105.6796	0.3576		1,114.6196
Total	**0.4938**	**4.8020**	**4.7864**	**0.0114**	**0.0424**	**0.1874**	**0.2297**	**4.6200e-003**	**0.1724**	**0.1770**	**0.0000**	**1,105.6796**	**1,105.6796**	**0.3576**		**1,114.6196**

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**

3.3 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1250	0.0000	0.1250	0.0184	0.0000	0.0184			0.0000			0.0000
Off-Road	2.0084	18.5316	21.2847	0.0482		0.7637	0.7637		0.7070	0.7070		4,617.0289	4,617.0289	1.4518		4,653.3229
Total	**2.0084**	**18.5316**	**21.2847**	**0.0482**	**0.1250**	**0.7637**	**0.8887**	**0.0184**	**0.7070**	**0.7254**		**4,617.0289**	**4,617.0289**	**1.4518**		**4,653.3229**

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**

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					0.0487	0.0000	0.0487	7.1900e-003	0.0000	7.1900e-003			0.0000			0.0000
Off-Road	2.0084	18.5316	21.2847	0.0482		0.7637	0.7637		0.7070	0.7070	0.0000	4,617.0289	4,617.0289	1.4518		4,653.3229
Total	**2.0084**	**18.5316**	**21.2847**	**0.0482**	**0.0487**	**0.7637**	**0.8125**	**7.1900e-003**	**0.7070**	**0.7142**	**0.0000**	**4,617.0289**	**4,617.0289**	**1.4518**		**4,653.3229**

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**

3.3 Grading - 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					0.1250	0.0000	0.1250	0.0184	0.0000	0.0184			0.0000			0.0000
Off-Road	1.8893	16.5108	21.2374	0.0482		0.6771	0.6771		0.6273	0.6273		4,619.3640	4,619.3640	1.4525		4,655.6769
Total	**1.8893**	**16.5108**	**21.2374**	**0.0482**	**0.1250**	**0.6771**	**0.8021**	**0.0184**	**0.6273**	**0.6457**		**4,619.3640**	**4,619.3640**	**1.4525**		**4,655.6769**

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**

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					0.0487	0.0000	0.0487	7.1900e-003	0.0000	7.1900e-003			0.0000			0.0000
Off-Road	1.8893	16.5108	21.2374	0.0482		0.6771	0.6771		0.6273	0.6273	0.0000	4,619.3640	4,619.3640	1.4525		4,655.6769
Total	**1.8893**	**16.5108**	**21.2374**	**0.0482**	**0.0487**	**0.6771**	**0.7259**	**7.1900e-003**	**0.6273**	**0.6345**	**0.0000**	**4,619.3640**	**4,619.3640**	**1.4525**		**4,655.6769**

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**

3.4 Utilities/Trenching - 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	1.1681	10.5391	10.2131	0.0191		0.5230	0.5230		0.5019	0.5019		1,827.9980	1,827.9980	0.3349		1,836.3711
Total	**1.1681**	**10.5391**	**10.2131**	**0.0191**		**0.5230**	**0.5230**		**0.5019**	**0.5019**		**1,827.9980**	**1,827.9980**	**0.3349**		**1,836.3711**

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**

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	1.1681	10.5391	10.2131	0.0191		0.5230	0.5230		0.5019	0.5019	0.0000	1,827.9980	1,827.9980	0.3349		1,836.3711
Total	**1.1681**	**10.5391**	**10.2131**	**0.0191**		**0.5230**	**0.5230**		**0.5019**	**0.5019**	**0.0000**	**1,827.9980**	**1,827.9980**	**0.3349**		**1,836.3711**

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**

3.5 Foundations - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3136	11.6928	11.7964	0.0225		0.5519	0.5519		0.5283	0.5283		2,128.6058	2,128.6058	0.3891		2,138.3330
Total	**1.3136**	**11.6928**	**11.7964**	**0.0225**		**0.5519**	**0.5519**		**0.5283**	**0.5283**		**2,128.6058**	**2,128.6058**	**0.3891**		**2,138.3330**

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**

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	1.3136	11.6928	11.7964	0.0225		0.5519	0.5519		0.5283	0.5283	0.0000	2,128.6058	2,128.6058	0.3891		2,138.3330
Total	**1.3136**	**11.6928**	**11.7964**	**0.0225**		**0.5519**	**0.5519**		**0.5283**	**0.5283**	**0.0000**	**2,128.6058**	**2,128.6058**	**0.3891**		**2,138.3330**

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**

3.6 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2080	20.3008	19.3889	0.0443		0.9121	0.9121		0.8705	0.8705		4,225.8629	4,225.8629	0.8944		4,248.2225
Total	**2.2080**	**20.3008**	**19.3889**	**0.0443**		**0.9121**	**0.9121**		**0.8705**	**0.8705**		**4,225.8629**	**4,225.8629**	**0.8944**		**4,248.2225**

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**

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	2.2080	20.3008	19.3889	0.0443		0.9121	0.9121		0.8705	0.8705	0.0000	4,225.8629	4,225.8629	0.8944		4,248.2225
Total	**2.2080**	**20.3008**	**19.3889**	**0.0443**		**0.9121**	**0.9121**		**0.8705**	**0.8705**	**0.0000**	**4,225.8629**	**4,225.8629**	**0.8944**		**4,248.2225**

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**

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0910	18.9186	19.2617	0.0443		0.8155	0.8155		0.7778	0.7778		4,227.9894	4,227.9894	0.8905		4,250.2510
Total	**2.0910**	**18.9186**	**19.2617**	**0.0443**		**0.8155**	**0.8155**		**0.7778**	**0.7778**		**4,227.9894**	**4,227.9894**	**0.8905**		**4,250.2510**

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**

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	2.0910	18.9186	19.2617	0.0443		0.8155	0.8155		0.7778	0.7778	0.0000	4,227.9894	4,227.9894	0.8905		4,250.2510
Total	**2.0910**	**18.9186**	**19.2617**	**0.0443**		**0.8155**	**0.8155**		**0.7778**	**0.7778**	**0.0000**	**4,227.9894**	**4,227.9894**	**0.8905**		**4,250.2510**

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**

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9812	17.6329	19.1613	0.0443		0.7279	0.7279		0.6936	0.6936		4,228.2032	4,228.2032	0.8855		4,250.3403
Total	**1.9812**	**17.6329**	**19.1613**	**0.0443**		**0.7279**	**0.7279**		**0.6936**	**0.6936**		**4,228.2032**	**4,228.2032**	**0.8855**		**4,250.3403**

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**

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	1.9812	17.6329	19.1613	0.0443		0.7279	0.7279		0.6936	0.6936	0.0000	4,228.2032	4,228.2032	0.8855		4,250.3403
Total	**1.9812**	**17.6329**	**19.1613**	**0.0443**		**0.7279**	**0.7279**		**0.6936**	**0.6936**	**0.0000**	**4,228.2032**	**4,228.2032**	**0.8855**		**4,250.3403**

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**

3.7 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4315	3.1615	3.8104	6.2400e-003		0.1711	0.1711		0.1664	0.1664		584.2352	584.2352	0.0769		586.1569
Total	**13.1809**	**3.1615**	**3.8104**	**6.2400e-003**		**0.1711**	**0.1711**		**0.1664**	**0.1664**		**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

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	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4315	3.1615	3.8104	6.2400e-003		0.1711	0.1711		0.1664	0.1664	0.0000	584.2352	584.2352	0.0769		586.1569
Total	**13.1809**	**3.1615**	**3.8104**	**6.2400e-003**		**0.1711**	**0.1711**		**0.1664**	**0.1664**	**0.0000**	**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

3.7 Architectural Coating - 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					
Archit. Coating	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4087	2.9731	3.8037	6.2400e-003		0.1495	0.1495		0.1454	0.1454		584.2352	584.2352	0.0756		586.1239
Total	**13.1581**	**2.9731**	**3.8037**	**6.2400e-003**		**0.1495**	**0.1495**		**0.1454**	**0.1454**		**584.2352**	**584.2352**	**0.0756**		**586.1239**

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**

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	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4087	2.9731	3.8037	6.2400e-003		0.1495	0.1495		0.1454	0.1454	0.0000	584.2352	584.2352	0.0756		586.1239
Total	**13.1581**	**2.9731**	**3.8037**	**6.2400e-003**		**0.1495**	**0.1495**		**0.1454**	**0.1454**	**0.0000**	**584.2352**	**584.2352**	**0.0756**		**586.1239**

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**

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3882	2.8104	3.7968	6.2400e-003		0.1298	0.1298		0.1263	0.1263		584.2352	584.2352	0.0749		586.1074
Total	**13.1376**	**2.8104**	**3.7968**	**6.2400e-003**		**0.1298**	**0.1298**		**0.1263**	**0.1263**		**584.2352**	**584.2352**	**0.0749**		**586.1074**

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**

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	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3882	2.8104	3.7968	6.2400e-003		0.1298	0.1298		0.1263	0.1263	0.0000	584.2352	584.2352	0.0749		586.1074
Total	**13.1376**	**2.8104**	**3.7968**	**6.2400e-003**		**0.1298**	**0.1298**		**0.1263**	**0.1263**	**0.0000**	**584.2352**	**584.2352**	**0.0749**		**586.1074**

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**

3.8 Paving - 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	1.5602	15.2487	16.3722	0.0341		0.6650	0.6650		0.6214	0.6214		3,271.9845	3,271.9845	0.8871		3,294.1628
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5602**	**15.2487**	**16.3722**	**0.0341**		**0.6650**	**0.6650**		**0.6214**	**0.6214**		**3,271.9845**	**3,271.9845**	**0.8871**		**3,294.1628**

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	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**

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	1.5602	15.2487	16.3722	0.0341		0.6650	0.6650		0.6214	0.6214	0.0000	3,271.9845	3,271.9845	0.8871		3,294.1628
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5602**	**15.2487**	**16.3722**	**0.0341**		**0.6650**	**0.6650**		**0.6214**	**0.6214**	**0.0000**	**3,271.9845**	**3,271.9845**	**0.8871**		**3,294.1628**

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**

Hollywood Center-East-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
General Office Building	32.66	1000sqft	0.10	32,665.00	0
Enclosed Parking with Elevator	684.00	Space	0.80	353,824.00	0
Other Non-Asphalt Surfaces	21.15	1000sqft	0.10	21,150.00	0
User Defined Parking	1.63	User Defined Unit	0.14	1,627.00	0
City Park	0.81	Acre	0.10	35,300.00	0
Fast Food Restaurant w/o Drive Thru	2.73	1000sqft	0.10	2,732.00	0
High Turnover (Sit Down Restaurant)	15.48	1000sqft	0.10	15,482.00	0
Apartments Mid Rise	65.00	Dwelling Unit	0.30	67,149.00	186
Condo/Townhouse High Rise	423.00	Dwelling Unit	0.95	575,100.00	1210

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see construction assumptions

Construction Phase - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment -

Trips and VMT - construction mobile emissions calculated outside of CalEEMod.

Grading - see construction assumptions

Architectural Coating - see construction assumptions

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	25,440.00	53,665.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	76,319.00	160,994.00
tblArchitecturalCoating	ConstArea_Parking	22,596.00	21,327.00
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	401.00
tblConstructionPhase	NumDays	220.00	40.00
tblConstructionPhase	NumDays	220.00	726.00
tblConstructionPhase	NumDays	6.00	259.00
tblConstructionPhase	NumDays	10.00	78.00
tblConstructionPhase	NumDays	3.00	27.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00

tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	0.00	2.69
tblGrading	AcresOfGrading	0.00	2.69
tblGrading	MaterialExported	0.00	260,930.00
tblGrading	MaterialExported	0.00	704.00
tblLandUse	LandUseSquareFeet	32,660.00	32,665.00
tblLandUse	LandUseSquareFeet	273,600.00	353,824.00
tblLandUse	LandUseSquareFeet	0.00	1,627.00
tblLandUse	LandUseSquareFeet	35,283.60	35,300.00
tblLandUse	LandUseSquareFeet	2,730.00	2,732.00
tblLandUse	LandUseSquareFeet	15,480.00	15,482.00
tblLandUse	LandUseSquareFeet	65,000.00	67,149.00
tblLandUse	LandUseSquareFeet	423,000.00	575,100.00
tblLandUse	LotAcreage	0.75	0.10
tblLandUse	LotAcreage	6.16	0.80
tblLandUse	LotAcreage	0.49	0.10
tblLandUse	LotAcreage	0.00	0.14
tblLandUse	LotAcreage	0.81	0.10
tblLandUse	LotAcreage	0.06	0.10
tblLandUse	LotAcreage	0.36	0.10
tblLandUse	LotAcreage	1.71	0.30
tblLandUse	LotAcreage	6.61	0.95
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	HaulingTripNumber	88.00	0.00
tblTripsAndVMT	HaulingTripNumber	32,616.00	0.00
tblTripsAndVMT	VendorTripNumber	128.00	0.00
tblTripsAndVMT	VendorTripNumber	128.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	30.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	542.00	0.00
tblTripsAndVMT	WorkerTripNumber	542.00	0.00
tblTripsAndVMT	WorkerTripNumber	108.00	0.00
tblTripsAndVMT	WorkerTripNumber	20.00	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					
2022	3.6703	33.8726	36.2841	0.0787	0.2336	1.4741	1.7077	0.0303	1.3813	1.4116	0.0000	7,550.7065	7,550.7065	2.1443	0.0000	7,604.3136
2023	15.3889	23.4623	23.1994	0.0505	0.1250	1.0832	1.0832	0.0184	1.0369	1.0369	0.0000	4,810.0981	4,810.0981	1.4525	0.0000	4,834.3795
2024	16.8092	37.1403	39.4377	0.0846	0.0000	1.6300	1.6300	0.0000	1.5446	1.5446	0.0000	8,084.2091	8,084.2091	1.8531	0.0000	8,130.5377
2025	15.1188	20.4433	22.9581	0.0505	0.0000	0.8577	0.8577	0.0000	0.8199	0.8199	0.0000	4,812.4384	4,812.4384	0.9604	0.0000	4,836.4477
Maximum	**16.8092**	**37.1403**	**39.4377**	**0.0846**	**0.2336**	**1.6300**	**1.7077**	**0.0303**	**1.5446**	**1.5446**	**0.0000**	**8,084.2091**	**8,084.2091**	**2.1443**	**0.0000**	**8,130.5377**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	3.6703	33.8726	36.2841	0.0787	0.0911	1.4741	1.5652	0.0118	1.3813	1.3931	0.0000	7,550.7065	7,550.7065	2.1443	0.0000	7,604.3136
2023	15.3889	23.4623	23.1994	0.0505	0.0487	1.0832	1.0832	7.1900e-003	1.0369	1.0369	0.0000	4,810.0981	4,810.0981	1.4525	0.0000	4,834.3795
2024	16.8092	37.1403	39.4377	0.0846	0.0000	1.6300	1.6300	0.0000	1.5446	1.5446	0.0000	8,084.2091	8,084.2091	1.8531	0.0000	8,130.5377
2025	15.1188	20.4433	22.9581	0.0505	0.0000	0.8577	0.8577	0.0000	0.8199	0.8199	0.0000	4,812.4384	4,812.4384	0.9604	0.0000	4,836.4477
Maximum	**16.8092**	**37.1403**	**39.4377**	**0.0846**	**0.0911**	**1.6300**	**1.6300**	**0.0118**	**1.5446**	**1.5446**	**0.0000**	**8,084.2091**	**8,084.2091**	**2.1443**	**0.0000**	**8,130.5377**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**61.00**	**0.00**	**2.70**	**61.02**	**0.00**	**0.38**	**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	Site Preparation	Site Preparation	3/1/2022	3/31/2022	6	27	
2	Grading	Grading	3/15/2022	1/10/2023	6	259	
3	Utilities/Trenching	Trenching	3/15/2022	3/26/2022	6	11	
4	Foundations	Building Construction	1/11/2023	2/26/2023	6	40	
5	Building Construction	Building Construction	2/27/2023	6/22/2025	6	726	
6	Architectural Coating	Architectural Coating	10/14/2023	1/23/2025	6	401	
7	Paving	Paving	7/12/2024	10/10/2024	6	78	

Acres of Grading (Site Preparation Phase): 2.69

Acres of Grading (Grading Phase): 2.69

Acres of Paving: 1.04

Residential Indoor: 1,300,554; Residential Outdoor: 433,518; Non-Residential Indoor: 160,994; Non-Residential Outdoor: 53,665; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Graders	0	8.00	187	0.41
Site Preparation	Rubber Tired Loaders	1	8.00	203	0.36
Site Preparation	Scrapers	0	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	221	0.50
Grading	Dumpers/Tenders	2	8.00	16	0.38
Grading	Excavators	4	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Plate Compactors	2	8.00	8	0.43

Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Rubber Tired Loaders	2	8.00	203	0.36
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Utilities/Trenching	Air Compressors	1	8.00	78	0.48
Utilities/Trenching	Concrete/Industrial Saws	1	8.00	81	0.73
Utilities/Trenching	Cranes	1	8.00	231	0.29
Utilities/Trenching	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Air Compressors	1	8.00	78	0.48
Foundations	Cranes	1	8.00	231	0.29
Foundations	Dumpers/Tenders	2	8.00	16	0.38
Foundations	Forklifts	1	8.00	89	0.20
Foundations	Generator Sets	1	8.00	84	0.74
Foundations	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Welders	0	8.00	46	0.45
Building Construction	Air Compressors	1	8.00	78	0.48
Building Construction	Bore/Drill Rigs	1	8.00	221	0.50
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Dumpers/Tenders	2	8.00	16	0.38
Building Construction	Forklifts	1	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48
Architectural Coating	Dumpers/Tenders	1	8.00	16	0.38
Architectural Coating	Forklifts	1	8.00	89	0.20
Paving	Cement and Mortar Mixers	0	8.00	9	0.56
Paving	Concrete/Industrial Saws	1	8.00	81	0.73
Paving	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42

Paving	Paving Equipment	1	8.00	132	0.36
Paving	Plate Compactors	1	8.00	8	0.43
Paving	Rollers	1	8.00	80	0.38
Paving	Surfacing Equipment	1	8.00	263	0.30
Paving	Sweepers/Scrubbers	1	8.00	64	0.46
Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	12	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Utilities/Trenching	4	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Foundations	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	10	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1086	0.0000	0.1086	0.0119	0.0000	0.0119			0.0000			0.0000
Off-Road	0.4938	4.8020	4.7864	0.0114		0.1874	0.1874		0.1724	0.1724		1,105.6796	1,105.6796	0.3576		1,114.6196
Total	**0.4938**	**4.8020**	**4.7864**	**0.0114**	**0.1086**	**0.1874**	**0.2960**	**0.0119**	**0.1724**	**0.1843**		**1,105.6796**	**1,105.6796**	**0.3576**		**1,114.6196**

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**

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					0.0424	0.0000	0.0424	4.6200e-003	0.0000	4.6200e-003			0.0000			0.0000
Off-Road	0.4938	4.8020	4.7864	0.0114		0.1874	0.1874		0.1724	0.1724	0.0000	1,105.6796	1,105.6796	0.3576		1,114.6196
Total	**0.4938**	**4.8020**	**4.7864**	**0.0114**	**0.0424**	**0.1874**	**0.2297**	**4.6200e-003**	**0.1724**	**0.1770**	**0.0000**	**1,105.6796**	**1,105.6796**	**0.3576**		**1,114.6196**

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**

3.3 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1250	0.0000	0.1250	0.0184	0.0000	0.0184			0.0000			0.0000
Off-Road	2.0084	18.5316	21.2847	0.0482		0.7637	0.7637		0.7070	0.7070		4,617.0289	4,617.0289	1.4518		4,653.3229
Total	**2.0084**	**18.5316**	**21.2847**	**0.0482**	**0.1250**	**0.7637**	**0.8887**	**0.0184**	**0.7070**	**0.7254**		**4,617.0289**	**4,617.0289**	**1.4518**		**4,653.3229**

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**

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					0.0487	0.0000	0.0487	7.1900e-003	0.0000	7.1900e-003			0.0000			0.0000
Off-Road	2.0084	18.5316	21.2847	0.0482		0.7637	0.7637		0.7070	0.7070	0.0000	4,617.0289	4,617.0289	1.4518		4,653.3229
Total	**2.0084**	**18.5316**	**21.2847**	**0.0482**	**0.0487**	**0.7637**	**0.8125**	**7.1900e-003**	**0.7070**	**0.7142**	**0.0000**	**4,617.0289**	**4,617.0289**	**1.4518**		**4,653.3229**

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**

3.3 Grading - 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					0.1250	0.0000	0.1250	0.0184	0.0000	0.0184			0.0000			0.0000
Off-Road	1.8893	16.5108	21.2374	0.0482		0.6771	0.6771		0.6273	0.6273		4,619.3640	4,619.3640	1.4525		4,655.6769
Total	**1.8893**	**16.5108**	**21.2374**	**0.0482**	**0.1250**	**0.6771**	**0.8021**	**0.0184**	**0.6273**	**0.6457**		**4,619.3640**	**4,619.3640**	**1.4525**		**4,655.6769**

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**

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					0.0487	0.0000	0.0487	7.1900e-003	0.0000	7.1900e-003			0.0000			0.0000
Off-Road	1.8893	16.5108	21.2374	0.0482		0.6771	0.6771		0.6273	0.6273	0.0000	4,619.3640	4,619.3640	1.4525		4,655.6769
Total	**1.8893**	**16.5108**	**21.2374**	**0.0482**	**0.0487**	**0.6771**	**0.7259**	**7.1900e-003**	**0.6273**	**0.6345**	**0.0000**	**4,619.3640**	**4,619.3640**	**1.4525**		**4,655.6769**

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**

3.4 Utilities/Trenching - 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	1.1681	10.5391	10.2131	0.0191		0.5230	0.5230		0.5019	0.5019		1,827.9980	1,827.9980	0.3349		1,836.3711
Total	**1.1681**	**10.5391**	**10.2131**	**0.0191**		**0.5230**	**0.5230**		**0.5019**	**0.5019**		**1,827.9980**	**1,827.9980**	**0.3349**		**1,836.3711**

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**

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	1.1681	10.5391	10.2131	0.0191		0.5230	0.5230		0.5019	0.5019	0.0000	1,827.9980	1,827.9980	0.3349		1,836.3711
Total	**1.1681**	**10.5391**	**10.2131**	**0.0191**		**0.5230**	**0.5230**		**0.5019**	**0.5019**	**0.0000**	**1,827.9980**	**1,827.9980**	**0.3349**		**1,836.3711**

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**

3.5 Foundations - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3136	11.6928	11.7964	0.0225		0.5519	0.5519		0.5283	0.5283		2,128.6058	2,128.6058	0.3891		2,138.3330
Total	**1.3136**	**11.6928**	**11.7964**	**0.0225**		**0.5519**	**0.5519**		**0.5283**	**0.5283**		**2,128.6058**	**2,128.6058**	**0.3891**		**2,138.3330**

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**

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	1.3136	11.6928	11.7964	0.0225		0.5519	0.5519		0.5283	0.5283	0.0000	2,128.6058	2,128.6058	0.3891		2,138.3330
Total	**1.3136**	**11.6928**	**11.7964**	**0.0225**		**0.5519**	**0.5519**		**0.5283**	**0.5283**	**0.0000**	**2,128.6058**	**2,128.6058**	**0.3891**		**2,138.3330**

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**

3.6 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2080	20.3008	19.3889	0.0443		0.9121	0.9121		0.8705	0.8705		4,225.8629	4,225.8629	0.8944		4,248.2225
Total	**2.2080**	**20.3008**	**19.3889**	**0.0443**		**0.9121**	**0.9121**		**0.8705**	**0.8705**		**4,225.8629**	**4,225.8629**	**0.8944**		**4,248.2225**

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**

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	2.2080	20.3008	19.3889	0.0443		0.9121	0.9121		0.8705	0.8705	0.0000	4,225.8629	4,225.8629	0.8944		4,248.2225
Total	**2.2080**	**20.3008**	**19.3889**	**0.0443**		**0.9121**	**0.9121**		**0.8705**	**0.8705**	**0.0000**	**4,225.8629**	**4,225.8629**	**0.8944**		**4,248.2225**

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**

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0910	18.9186	19.2617	0.0443		0.8155	0.8155		0.7778	0.7778		4,227.9894	4,227.9894	0.8905		4,250.2510
Total	**2.0910**	**18.9186**	**19.2617**	**0.0443**		**0.8155**	**0.8155**		**0.7778**	**0.7778**		**4,227.9894**	**4,227.9894**	**0.8905**		**4,250.2510**

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**

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	2.0910	18.9186	19.2617	0.0443		0.8155	0.8155		0.7778	0.7778	0.0000	4,227.9894	4,227.9894	0.8905		4,250.2510
Total	**2.0910**	**18.9186**	**19.2617**	**0.0443**		**0.8155**	**0.8155**		**0.7778**	**0.7778**	**0.0000**	**4,227.9894**	**4,227.9894**	**0.8905**		**4,250.2510**

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**

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9812	17.6329	19.1613	0.0443		0.7279	0.7279		0.6936	0.6936		4,228.2032	4,228.2032	0.8855		4,250.3403
Total	**1.9812**	**17.6329**	**19.1613**	**0.0443**		**0.7279**	**0.7279**		**0.6936**	**0.6936**		**4,228.2032**	**4,228.2032**	**0.8855**		**4,250.3403**

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**

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	1.9812	17.6329	19.1613	0.0443		0.7279	0.7279		0.6936	0.6936	0.0000	4,228.2032	4,228.2032	0.8855		4,250.3403
Total	**1.9812**	**17.6329**	**19.1613**	**0.0443**		**0.7279**	**0.7279**		**0.6936**	**0.6936**	**0.0000**	**4,228.2032**	**4,228.2032**	**0.8855**		**4,250.3403**

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**

3.7 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4315	3.1615	3.8104	6.2400e-003		0.1711	0.1711		0.1664	0.1664		584.2352	584.2352	0.0769		586.1569
Total	**13.1809**	**3.1615**	**3.8104**	**6.2400e-003**		**0.1711**	**0.1711**		**0.1664**	**0.1664**		**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

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	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4315	3.1615	3.8104	6.2400e-003		0.1711	0.1711		0.1664	0.1664	0.0000	584.2352	584.2352	0.0769		586.1569
Total	**13.1809**	**3.1615**	**3.8104**	**6.2400e-003**		**0.1711**	**0.1711**		**0.1664**	**0.1664**	**0.0000**	**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

3.7 Architectural Coating - 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					
Archit. Coating	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4087	2.9731	3.8037	6.2400e-003		0.1495	0.1495		0.1454	0.1454		584.2352	584.2352	0.0756		586.1239
Total	**13.1581**	**2.9731**	**3.8037**	**6.2400e-003**		**0.1495**	**0.1495**		**0.1454**	**0.1454**		**584.2352**	**584.2352**	**0.0756**		**586.1239**

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**

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	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4087	2.9731	3.8037	6.2400e-003		0.1495	0.1495		0.1454	0.1454	0.0000	584.2352	584.2352	0.0756		586.1239
Total	**13.1581**	**2.9731**	**3.8037**	**6.2400e-003**		**0.1495**	**0.1495**		**0.1454**	**0.1454**	**0.0000**	**584.2352**	**584.2352**	**0.0756**		**586.1239**

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**

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3882	2.8104	3.7968	6.2400e-003		0.1298	0.1298		0.1263	0.1263		584.2352	584.2352	0.0749		586.1074
Total	**13.1376**	**2.8104**	**3.7968**	**6.2400e-003**		**0.1298**	**0.1298**		**0.1263**	**0.1263**		**584.2352**	**584.2352**	**0.0749**		**586.1074**

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**

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	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3882	2.8104	3.7968	6.2400e-003		0.1298	0.1298		0.1263	0.1263	0.0000	584.2352	584.2352	0.0749		586.1074
Total	**13.1376**	**2.8104**	**3.7968**	**6.2400e-003**		**0.1298**	**0.1298**		**0.1263**	**0.1263**	**0.0000**	**584.2352**	**584.2352**	**0.0749**		**586.1074**

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**

3.8 Paving - 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	1.5602	15.2487	16.3722	0.0341		0.6650	0.6650		0.6214	0.6214		3,271.9845	3,271.9845	0.8871		3,294.1628
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5602**	**15.2487**	**16.3722**	**0.0341**		**0.6650**	**0.6650**		**0.6214**	**0.6214**		**3,271.9845**	**3,271.9845**	**0.8871**		**3,294.1628**

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	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**

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	1.5602	15.2487	16.3722	0.0341		0.6650	0.6650		0.6214	0.6214	0.0000	3,271.9845	3,271.9845	0.8871		3,294.1628
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5602**	**15.2487**	**16.3722**	**0.0341**		**0.6650**	**0.6650**		**0.6214**	**0.6214**	**0.0000**	**3,271.9845**	**3,271.9845**	**0.8871**		**3,294.1628**

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**

Hollywood Center Project
Air Quality and Greenhouse Gas Assessment

Construction Schedule and Vehicle Data - East Site First Scenario

Distance to Irwindale disposal site ↓ *Used average distance of the 4 identified concrete sites* ↓

CalEEMod Construction Phase	Start Date	End Date	Number of Work Days (up to 6 days/week)	Max Daily Number of Workers	Max Daily Inbound + Outbound Worker Trips	Number of Hauling Days	Materia/ Soil Export (CY)	Materia/ Soil Import (CY)	Truck Capacity (CY)	Max Daily Number of Trucks	Max Daily Inbound + Outbound Truck Trips	Distance to Disposal Site (miles)	Number of Concrete Truck Days	Concrete Mat Volume (CY)	Concrete Truck Capacity (CY)	Max Daily Number of Concrete Trucks	Max Daily Inbound + Outbound Concrete Truck Trips	Distance to Concrete Supply Site (miles)	Max Daily Number of Delivery/ Vendor Trucks	Max Daily Inbound + Outbound Delivery/ Vendor Truck Trips
Project																				
WEST SITE																				
Demolition	1/1/2022	2/26/2022	49	6	12	2	912	-	14	**33**	**66**	30								
Site Preparation	1/29/2022	2/25/2022	24	12	24															
Grading/Excavation	2/9/2022	12/30/2022	279	112	224	209	281,370	-	14	**96**	**192**	30								
Foundations/Concrete Pour (Revised) [MHW104: Foundation]	***12/31/2022***	***2/26/2023***	***49***	***125***	***250***															
Shoring Wall	12/31/2022	2/16/2023	*41*										*19*			*10*	*20*	*7.5*		
Cast in Drilled Hole Foundation								*Assume overlap with Shoring Wall to keep within phase schedule -->*					*41*			*2*	*4*	*7.5*		
Mat Foundation (Continuous Pour)	2/17/2023	2/17/2023	*1*										*1*	*853*	*9 (approx.)*	***94***	***188***	*7.5*		
Column Footings	2/18/2023	2/22/2023	*4*										*4*			*21*	*42*	*7.5*		
Utilities/Trenching (Revised) [MHD101: Relocate/Protect Site Utilities]	***1/12/2022***	***2/1/2022***	***18***	***6***	***12***															
Building Construction (Revised) [Starting with MHW111: Parking Str.]	***2/27/2023***	***3/12/2025***	***639***	***300***	***600***														***25***	***50***
	2/27/2023	***7/13/2023***	***118***																	
Structure Equipment Garage	***2/27/2023***	***4/27/2023***	***52***										*52*			***42***	***84***	*7.5*		
Structure Equipment Tower	***4/28/2023***	***6/15/2023***	***42***										*42*			*21*	*42*	*7.5*		
Structure Equipment Affordable	***6/16/2023***	***7/11/2023***	***22***										*22*			*24*	*48*	*7.5*		
Retail	***7/12/2023***	***7/13/2023***	***2***										*2*			*14*	*28*	*7.5*		
Paving (Revised) [MHW112: Hardscape & Landscape]	***7/3/2024***	***9/29/2024***	***76***	***12***	***24***															
Architectural Coatings (Revised) [MHW109: Interior Finish]	***10/23/2023***	***1/28/2025***	***398***	***8***	***16***															
WEST SITE MAX DAILY WORKERS (Building + Paving + Architectural Coating):				**320**	**640**															
EAST SITE																				
Site Preparation	1/4/2021	2/3/2021	27	12	24	2	704	-	14	26	52	30								
Grading/Excavation	1/18/2021	11/15/2021	259	112	224	194	260,930	-	14	**96**	**192**	30								
Foundations/Concrete Pour (Revised) [MHE104: Foundation]	***11/16/2021***	***12/31/2021***	***40***	***124***	***248***															
Shoring Wall	***11/16/2021***	***12/20/2021***	***30***										*16*			*10*	*20*	*7.5*		
Cast in Drilled Hole Foundation								*Assume overlap with Shoring Wall to keep within phase schedule -->*					*30*			*2*	*4*	*7.5*		
Mat Foundation (Continuous Pour)	***12/21/2021***	***12/21/2021***	***1***										*1*	*632*	*9 (approx.)*	***71***	***142***	*7.5*		
Column Footings	***12/22/2021***	***12/26/2021***	***4***										*4*			*21*	*42*	*7.5*		
Utilities/Trenching (Revised) [MHD101: Relocate/Protect Site Utilities]	***1/18/2021***	***1/29/2021***	***11***	***6***	***12***															
Building Construction (Revised) [Starting with MHE111: Parking Str.]	***1/1/2022***	***4/26/2024***	***726***	***300***	***600***														***25***	***50***
	1/1/2022	***7/7/2022***	***161***																	
Structure Equipment Garage	***1/1/2022***	***3/9/2022***	***58***										*58*			***44***	***88***	*7.5*		
Structure Equipment Tower	***3/10/2022***	***6/13/2022***	***82***										*82*			*20*	*40*	*7.5*		
Structure Equipment Affordable	***6/14/2022***	***7/4/2022***	***18***										*18*			*18*	*36*	*7.5*		
Retail	***7/5/2022***	***7/7/2022***	***3***										*3*			*30*	*60*	*7.5*		
Paving (Revised) [MHE112: Hardscape & Landscape]	***5/18/2023***	***8/16/2023***	***78***	***12***	***24***															
Architectural Coatings (Revised) [MHE109: Interior Finish]	***8/19/2022***	***11/29/2023***	***401***	***8***	***16***															
EAST SITE MAX DAILY WORKERS (Building + Paving + Architectural Coating):				**320**	**640**															

Hollywood Center

Air Quality Construction Analysis

Unmitigated - Construction East Site First Scenario

Project Regional Emissions

Regional Maximums Source	ROG	NOX	CO	SO2 lb/day	PM10 Total	Total PM2.5
West Site						
Demolition - 2022	2.3	30.8	21.2	0.10	2.8	1.4
Utilities/Trenching - 2022	1.2	10.6	10.6	0.02	0.7	0.5
Site Preparation - 2022	0.5	4.9	5.6	0.01	0.5	0.2
Grading - 2022	3.3	63.0	35.4	0.25	8.8	3.2
Grading - 2022	2.2	19.1	28.5	0.07	3.3	0.7
Foundations/Concrete Pour - 2022 (Shoring Wall + Cast in Drilled Hole Foundation)	1.6	14.9	20.4	0.05	3.6	1.4
Foundations/Concrete Pour - 2023 (Shoring Wall + Cast in Drilled Hole Foundation)	1.5	13.4	19.6	0.05	3.5	1.3
Foundations/Concrete Pour - 2023 (Mat Foundation)	1.6	20.1	23.9	0.09	4.6	1.7
Foundations/Concrete Pour - 2023 (Column Footings)	1.5	14.3	20.0	0.06	3.6	1.4
Building Construction - 2023 (Structure Equipment Garage)	2.7	28.2	39.9	0.13	8.6	3.0
Building Construction - 2023 (Structure Equipment Tower)	2.7	26.1	39.2	0.12	8.3	2.9
Building Construction - 2023 (Structure Equipment Affordable)	2.7	26.4	39.3	0.12	8.3	2.9
Building Construction - 2023 (Retail)	2.7	25.4	38.9	0.12	8.2	2.8
Building Construction - 2023	2.6	24.1	38.4	0.11	8.0	2.8
Building Construction - 2024	2.5	22.5	37.0	0.11	7.9	2.7
Building Construction - 2025	2.3	21.1	35.8	0.11	7.8	2.6
Architectural Coating - 2023	13.5	3.2	4.3	0.01	0.4	0.2
Architectural Coating - 2024	13.5	3.0	4.2	0.01	0.3	0.2
Architectural Coating - 2025	13.5	2.8	4.2	0.01	0.3	0.2
Paving - 2024	1.6	15.3	17.0	0.04	0.9	0.7

	ROG	NOX	CO	SO2 lb/day	PM10 Total	Total PM2.5
East Site						
Site Preparation - 2021	1.2	23.1	8.6	0.06	2.2	1.0
Grading - 2021	4.8	86.0	40.2	0.26	9.7	4.0
Grading - 2021	2.4	23.3	29.5	0.07	3.5	1.5
Utilities/Trenching - 2021	1.3	11.9	10.8	0.02	0.7	0.6
Foundations/Concrete Pour (Shoring Wall+Cast In Drilled Hole Foundation) - 2021	1.8	17.0	21.4	0.05	3.7	1.5
Foundations/Concrete Pour (Mat Foundation)- 2021	1.8	22.7	22.5	0.08	4.4	1.7
Foundations/Concrete Pour (Column Footings) - 2021	1.9	18.6	21.8	0.06	3.8	1.6
Building Construction - 2022 (Structure Equipment Garage)	3.1	32.7	41.9	0.14	8.7	3.1
Building Construction - 2022 (Structure Equipment Tower)	3.0	29.4	41.0	0.12	8.4	3.0
Building Construction - 2022 (Structure Equipment Affordable)	2.9	29.2	40.9	0.12	8.4	3.0
Building Construction - 2022 (Retail)	3.0	30.8	41.4	0.13	8.5	3.0
Building Construction - 2022	2.9	26.7	40.2	0.11	8.1	2.9
Building Construction - 2023	2.6	24.1	38.4	0.11	8.0	2.8
Building Construction - 2024	2.5	22.5	37.0	0.11	7.9	2.7
Architectural Coating - 2022	13.2	3.4	4.3	0.01	0.4	0.2
Architectural Coating - 2022	13.2	3.4	4.3	0.01	0.4	0.2
Architectural Coating - 2023	13.2	3.2	4.3	0.01	0.4	0.2
Paving - 2023	1.7	16.4	17.1	0.04	1.0	0.8

Hollywood Center
Air Quality Construction Analysis
Unmitigated - Construction East Site First Scenario
Project Regional Emissions

Overlapping Phases						
	ROG	NOX	CO	SO2 lb/day	PM10 Total	Total PM2.5
Site Preparation + Utilities/Trenching + Grading- 2021	7.3	121.0	59.6	0.34	12.6	5.6
Grading - 2021	4.8	86.0	40.2	0.26	9.7	4.0
Foundations/Concrete Pour (Shoring Wall+Cast In Drilled Hole Foundation) - 2021	1.8	17.0	21.4	0.05	3.7	1.5
Foundations/Concrete Pour (Mat Foundation)- 2021	1.8	22.7	22.5	0.08	4.4	1.7
Foundations/Concrete Pour (Column Footings) - 2021	1.9	18.6	21.8	0.06	3.8	1.6
East: Building Construction (Structure Equipment Garage) - 2022						
West: Demolition + Site Preparation + Utilities/Trenching - 2022	7.0	78.9	79.3	0.27	12.7	5.3
East: Building Construction (Structure Equipment Garage) - 2022						
West: Demolition + Site Preparation + Grading - 2022	9.1	131.4	104.1	0.50	20.8	7.9
East: Building Construction (Structure Equipment Tower) - 2022						
West: Grading - 2022	6.2	92.5	76.4	0.37	17.2	6.2
East: Building Construction (Structure Equipment Affordable) - 2022						
West: Grading - 2022	6.2	92.2	76.3	0.37	17.1	6.1
East: Building Construction (Structure Retail) - 2022						
West: Grading - 2022	6.3	93.8	76.8	0.38	17.3	6.2
East: Building Construction + Architectural Coatings - 2022						
West: Grading - 2022	19.4	93.2	79.9	0.37	17.3	6.3
East: Building Construction + Architectural Coatings - 2022						
West: Foundations/Concrete Pour (Shoring Wall + Cast in Drilled Hole Foundation) - 2022	17.7	45.0	64.9	0.17	12.1	4.6
East: Building Construction + Architectural Coatings - 2023						
West: Foundations/Concrete Pour (Shoring Wall + Cast in Drilled Hole Foundation) - 2023	17.3	40.6	62.3	0.17	11.9	4.3
East: Building Construction + Architectural Coatings - 2023						
West: Foundations/Concrete Pour (Mat Foundation) - 2023	17.5	47.4	66.5	0.21	13.0	4.7
East: Building Construction + Architectural Coatings - 2023						
West: Foundations/Concrete Pour (Column Footings) - 2023	17.3	41.5	62.6	0.18	12.0	4.4
East: Building Construction + Architectural Coatings - 2023						
West: Building Construction (Structure Equipment Garage) - 2023	18.6	55.4	82.6	0.25	16.9	6.0
East: Building Construction + Architectural Coatings + Paving - 2023						
West: Building Construction (Structure Equipment Tower) - 2023	20.2	70.3	99.3	0.28	17.5	6.6
East: Building Construction + Architectural Coatings + Paving - 2023						
West: Building Construction (Structure Equipment Affordable) - 2023	20.2	70.1	99.0	0.28	17.6	6.6
East: Building Construction + Architectural Coatings + Paving - 2023						
West: Building Construction (Retail) - 2023	20.1	69.1	98.6	0.27	17.5	6.6
East: Building Construction + Architectural Coatings + Paving - 2023						
West: Building Construction - 2023	20.1	67.7	98.1	0.27	17.3	6.5
East: Building Construction + Architectural Coatings - 2023						
West: Building Construction + Architectural Coatings - 2023	32.0	54.5	85.3	0.24	16.7	6.0
East: Building Construction - 2024						
West: Building Construction + Architectural Coatings - 2024	18.5	48.1	78.3	0.23	16.1	5.6
West: Building Construction + Architectural Coatings + Paving - 2024	17.6	40.8	58.3	0.15	9.1	3.6
West: Building Construction + Architectural Coatings - 2025	15.8	24.0	40.0	0.12	8.1	2.8
Daily Maximum Emissions	**32**	**131**	**104**	**0.5**	**21**	**8**
SCAQMD Regional Threshold	75	100	550	150	150	55
Exceeds Threshold?	No	Yes	No	No	No	No

Air Quality Construction Analysis
Unmitigated - Construction East Site First Scenario
Project Localized Emissions

Project Localized Emissions Source	NOX	CO	PM10 Total	Total PM2.5
West Site		lb/day		
Demolition - 2022	15.7	18.5	0.8	0.8
Utilities/Trenching - 2022	10.5	10.2	0.5	0.5
Site Preparation - 2022	4.8	4.8	0.2	0.2
Grading - 2022	18.5	21.3	0.8	0.7
Grading - 2022	18.5	21.3	0.8	0.7
Foundations/Concrete Pour - 2022 (Shoring Wall + Cast in Drilled Hole Foundation)	12.7	11.9	0.6	0.6
Foundations/Concrete Pour - 2023 (Shoring Wall + Cast in Drilled Hole Foundation)	11.7	11.8	0.6	0.5
Foundations/Concrete Pour - 2023 (Mat Foundation)	10.4	13.1	0.5	0.5
Foundations/Concrete Pour - 2023 (Column Footings)	11.7	11.8	0.6	0.5
Building Construction - 2023 (Structure Equipment Garage)	20.3	19.4	0.9	0.9
Building Construction - 2023 (Structure Equipment Tower)	20.3	19.4	0.9	0.9
Building Construction - 2023 (Structure Equipment Affordable)	20.3	19.4	0.9	0.9
Building Construction - 2023 (Retail)	20.3	19.4	0.9	0.9
Building Construction - 2023	20.3	19.4	0.9	0.9
Building Construction - 2024	18.9	19.3	0.8	0.8
Building Construction - 2025	17.6	19.2	0.7	0.7
Architectural Coating - 2023	3.2	3.8	0.2	0.2
Architectural Coating - 2024	3.0	3.8	0.1	0.1
Architectural Coating - 2025	2.8	3.8	0.1	0.1
Paving - 2024	15.2	16.4	0.7	0.6

East Site	NOX	CO	PM10 Total	Total PM2.5
		lb/day		
Site Preparation - 2021	6.0	4.9	0.3	0.2
Grading - 2021	22.7	21.5	1.0	0.9
Grading - 2021	22.7	21.5	1.0	0.9
Utilities/Trenching - 2021	11.8	10.3	0.6	0.6
Foundations/Concrete Pour (Shoring Wall+Cast In Drilled Hole Foundation) - 2021	14.1	12.0	0.7	0.7
Foundations/Concrete Pour (Mat Foundation)- 2021	8.8	10.3	0.5	0.5
Foundations/Concrete Pour (Column Footings) - 2021	14.1	12.0	0.7	0.7
Building Construction - 2022 (Structure Equipment Garage)	22.1	19.5	1.0	1.0
Building Construction - 2022 (Structure Equipment Tower)	22.1	19.5	1.0	1.0
Building Construction - 2022 (Structure Equipment Affordable)	22.1	19.5	1.0	1.0
Building Construction - 2022 (Retail)	22.1	19.5	1.0	1.0
Building Construction - 2022	22.1	19.5	1.0	1.0
Building Construction - 2023	20.3	19.4	0.9	0.9
Building Construction - 2024	18.9	19.3	0.8	0.8
Architectural Coating - 2022	3.4	3.8	0.2	0.2
Architectural Coating - 2022	3.4	3.8	0.2	0.2
Architectural Coating - 2023	3.2	3.8	0.2	0.2
Paving - 2023	16.3	16.4	0.7	0.7

Hollywood Center
Air Quality Construction Analysis
Unmitigated - Construction East Site First Scenario
Project Localized Emissions

Overlapping Phases				
	NOX	CO	PM10 Total lb/day	Total PM2.5
Site Preparation + Utilities/Trenching + Grading- 2021	40.5	36.8	1.9	1.7
Grading - 2021	22.7	21.5	1.0	0.9
Foundations/Concrete Pour (Shoring Wall+Cast In Drilled Hole Foundation) - 2021	14.1	12.0	0.7	0.7
Foundations/Concrete Pour (Mat Foundation)- 2021	8.8	10.3	0.5	0.5
Foundations/Concrete Pour (Column Footings) - 2021	14.1	12.0	0.7	0.7
East: Building Construction (Structure Equipment Garage) - 2022				
West: Demolition + Site Preparation + Utilities/Trenching - 2022	53.1	53.0	2.6	2.4
East: Building Construction (Structure Equipment Garage) - 2022				
West: Demolition + Site Preparation + Grading - 2022	61.1	64.1	2.9	2.6
East: Building Construction (Structure Equipment Tower) - 2022				
West: Grading - 2022	40.6	40.8	1.8	1.7
East: Building Construction (Structure Equipment Affordable) - 2022				
West: Grading - 2022	40.6	40.8	1.8	1.7
East: Building Construction (Structure Retail) - 2022				
West: Grading - 2022	40.6	40.8	1.8	1.7
East: Building Construction + Architectural Coatings - 2022				
West: Grading - 2022	44.0	44.7	2.0	1.9
East: Building Construction + Architectural Coatings - 2022				
West: Foundations/Concrete Pour (Shoring Wall + Cast in Drilled Hole Foundation) - 2022	38.1	35.2	1.8	1.8
East: Building Construction + Architectural Coatings - 2023				
West: Foundations/Concrete Pour (Shoring Wall + Cast in Drilled Hole Foundation) - 2023	35.2	35.0	1.6	1.6
East: Building Construction + Architectural Coatings - 2023				
West: Foundations/Concrete Pour (Mat Foundation) - 2023	33.9	36.3	1.6	1.6
East: Building Construction + Architectural Coatings - 2023				
West: Foundations/Concrete Pour (Column Footings) - 2023	35.2	35.0	1.6	1.6
East: Building Construction + Architectural Coatings - 2023				
West: Building Construction (Structure Equipment Garage) - 2023	43.8	42.6	2.0	1.9
East: Building Construction + Architectural Coatings + Paving - 2023				
West: Building Construction (Structure Equipment Tower) - 2023	60.1	59.0	2.7	2.6
East: Building Construction + Architectural Coatings + Paving - 2023				
West: Building Construction (Structure Equipment Affordable) - 2023	60.1	59.0	2.7	2.6
East: Building Construction + Architectural Coatings + Paving - 2023				
West: Building Construction (Retail) - 2023	60.1	59.0	2.7	2.6
East: Building Construction + Architectural Coatings + Paving - 2023				
West: Building Construction - 2023	60.1	59.0	2.7	2.6
East: Building Construction + Architectural Coatings - 2023				
West: Building Construction + Architectural Coatings - 2023	46.9	46.4	2.2	2.1
East: Building Construction - 2024				
West: Building Construction + Architectural Coatings - 2024	40.8	42.3	1.8	1.7
West: Building Construction + Architectural Coatings + Paving - 2024	37.1	39.4	1.6	1.5
West: Building Construction + Architectural Coatings - 2025	20.4	23.0	0.9	0.8
Daily Maximum Emissions	**61.1**	**64.1**	**2.9**	**2.6**
Localized Significance Thresholds	154	1755	15.0	7.6
Exceeds Threshold?	No	No	No	No

Hollywood Center

Air Quality Construction Analysis

Unmitigated - Construction East Site First Scenario

West Site Regional Emissions

Regional Maximums Source	ROG	NOX	CO	SO2	PM10 Total	Total PM2.5
			lb/day			
Demolition - 2022	2.3	30.8	21.2	0.10	2.8	1.4
Utilities/Trenching - 2022	1.2	10.6	10.6	0.02	0.7	0.5
Site Preparation - 2022	0.5	4.9	5.6	0.01	0.5	0.2
Grading - 2022	3.3	63.0	35.4	0.25	8.8	3.2
Grading - 2022	2.2	19.1	28.5	0.07	3.3	0.7
Foundations/Concrete Pour - 2022 (Shoring Wall + Cast in Drilled Hole Foundation)	1.6	14.9	20.4	0.05	3.6	1.4
Foundations/Concrete Pour - 2023 (Shoring Wall + Cast in Drilled Hole Foundation)	1.5	13.4	19.6	0.05	3.5	1.3
Foundations/Concrete Pour - 2023 (Mat Foundation)	1.6	20.1	23.9	0.09	4.6	1.7
Foundations/Concrete Pour - 2023 (Column Footings)	1.5	14.3	20.0	0.06	3.6	1.4
Building Construction - 2023 (Structure Equipment Garage)	2.7	28.2	39.9	0.13	8.6	3.0
Building Construction - 2023 (Structure Equipment Tower)	2.7	26.1	39.2	0.12	8.3	2.9
Building Construction - 2023 (Structure Equipment Affordable)	2.7	26.4	39.3	0.12	8.3	2.9
Building Construction - 2023 (Retail)	2.7	25.4	38.9	0.12	8.2	2.8
Building Construction - 2023	2.6	24.1	38.4	0.11	8.0	2.8
Building Construction - 2024	2.5	22.5	37.0	0.11	7.9	2.7
Building Construction - 2025	2.3	21.1	35.8	0.11	7.8	2.6
Architectural Coating - 2023	13.5	3.2	4.3	0.01	0.4	0.2
Architectural Coating - 2024	13.5	3.0	4.2	0.01	0.3	0.2
Architectural Coating - 2025	13.5	2.8	4.2	0.01	0.3	0.2
Paving - 2024	1.6	15.3	17.0	0.04	0.9	0.7
Overlapping Phases						
Demolition + Utilities Trenching + Site Preparation - 2021	4.0	46.2	37.4	0.13	4.0	2.2
Demolition + Site Preparation + Grading/Excavation - 2021	6.1	98.7	62.2	0.36	12.1	4.8
Grading - 2022	2.2	19.1	28.5	0.07	3.3	0.7
Foundations/Concrete Pour - 2022 (Shoring Wall + Cast in Drilled Hole Foundation)	1.6	14.9	20.4	0.05	3.6	1.4
Foundations/Concrete Pour - 2023 (Shoring Wall + Cast in Drilled Hole Foundation)	1.5	13.4	19.6	0.05	3.5	1.3
Foundations/Concrete Pour - 2023 (Mat Foundation)	1.6	20.1	23.9	0.09	4.6	1.7
Foundations/Concrete Pour - 2023 (Column Footings)	1.5	14.3	20.0	0.06	3.6	1.4
Building Construction - 2023 (Structure Equipment Garage)	2.7	28.2	39.9	0.13	8.6	3.0
Building Construction - 2023 (Structure Equipment Tower)	2.7	26.1	39.2	0.12	8.3	2.9
Building Construction - 2023 (Structure Equipment Affordable)	2.7	26.4	39.3	0.12	8.3	2.9
Building Construction - 2023 (Retail)	2.7	25.4	38.9	0.12	8.2	2.8
Building Construction + Architectural Coating - 2022	16.2	27.3	42.7	0.12	8.3	3.0
Building Construction + Architectural Coating + Paving - 2023	17.6	40.8	58.3	0.15	9.1	3.6
Building Construction + Architectural Coating - 2024	15.83	23.97	40.01	0.12	8.10	2.78
Daily Maximum Emissions	**18**	**99**	**62**	**0.4**	**12**	**5**
SCAQMD Regional Threshold	75	100	550	150	150	55
Exceeds Threshold?	No	No	No	No	No	No

Hollywood Center

Air Quality Construction Analysis

Unmitigated - Construction East Site First Scenario

West Site Onsite Emissions

Localized Emissions Summary Source	NOX	CO lb/day	PM10 Total	Total PM2.5
Demolition - 2022	15.7	18.5	0.8	0.8
Utilities/Trenching - 2022	10.5	10.2	0.5	0.5
Site Preparation - 2022	4.8	4.8	0.2	0.2
Grading - 2022	18.5	21.3	0.8	0.7
Grading - 2022	18.5	21.3	0.8	0.7
Foundations/Concrete Pour - 2022 (Shoring Wall + Cast in Drilled Hole	12.7	11.9	0.6	0.6
Foundations/Concrete Pour - 2023 (Shoring Wall + Cast in Drilled Hole	11.7	11.8	0.6	0.5
Foundations/Concrete Pour - 2023 (Mat Foundation)	10.4	13.1	0.5	0.5
Foundations/Concrete Pour - 2023 (Column Footings)	11.7	11.8	0.6	0.5
Building Construction - 2023 (Structure Equipment Garage)	20.3	19.4	0.9	0.9
Building Construction - 2023 (Structure Equipment Tower)	20.3	19.4	0.9	0.9
Building Construction - 2023 (Structure Equipment Affordable)	20.3	19.4	0.9	0.9
Building Construction - 2023 (Retail)	20.3	19.4	0.9	0.9
Building Construction - 2023	20.3	19.4	0.9	0.9
Building Construction - 2024	18.9	19.3	0.8	0.8
Building Construction - 2025	17.6	19.2	0.7	0.7
Architectural Coating - 2023	3.2	3.8	0.2	0.2
Architectural Coating - 2024	3.0	3.8	0.1	0.1
Architectural Coating - 2025	2.8	3.8	0.1	0.1
Paving - 2024	15.2	16.4	0.7	0.6
Daily Maximum Emission	20.3	21.3	0.9	0.9
Localized Significance Threshold	105.0	1019.0	7.8	4.8
Exceed Threshold?	No	No	No	No

Overlapping Phases				
Demolition + Utilities Trenching + Site Preparation - 2021	20	23	1.1	0.9
Demolition + Site Preparation + Grading/Excavation - 2021	39	45	1.9	1.6
Grading - 2022	19	21	0.8	0.7
Foundations/Concrete Pour - 2022 (Shoring Wall + Cast in Drilled Hole Foundation)	13	12	0.6	0.6
Foundations/Concrete Pour - 2022 (Mat Foundation)	10	13	0.54	0.54
Foundations/Concrete Pour - 2022 (Column Footings)	12	12	0.6	0.5
Building Construction - 2022 (Structure Equipment Garage)	20	19	0.9	0.9
Building Construction - 2022 (Structure Equipment Tower)	20	19	0.9	0.9
Building Construction - 2022 (Structure Equipment Affordable)	20	19	0.9	0.9
Building Construction - 2022 (Retail)	20	19	0.9	0.9
Building Construction + Architectural Coating - 2022	23	23	1.1	1.0
Building Construction + Architectural Coating + Paving - 2023	37	39	1.6	1.5
Building Construction + Architectural Coating - 2024	20	23	0.9	0.8
Daily Maximum Emission	**39**	**45**	**1.9**	**1.6**
Localized Significance Threshold	105.0	1019.0	7.8	4.8
Exceed Threshold?	No	No	No	No

Hollywood Center
Air Quality Construction Analysis
Unmitigated - Construction East Site First Scenario
East Site Regional Emissions

Regional Maximums Source	ROG	NOX	CO	SO2	PM10 Total	Total PM2.5
			lb/day			
Site Preparation - 2021	1.2	23.1	8.6	0.06	2.2	1.0
Grading - 2021	4.8	86.0	40.2	0.26	9.7	4.0
Grading - 2021	2.4	23.3	29.5	0.07	3.5	1.5
Utilities/Trenching - 2021	1.3	11.9	10.8	0.02	0.7	0.6
Foundations/Concrete Pour (Shoring Wall+Cast In Drilled Hole Foundation) - 2021	1.8	17.0	21.4	0.05	3.7	1.5
Foundations/Concrete Pour (Mat Foundation)- 2021	1.8	22.7	22.5	0.08	4.4	1.7
Foundations/Concrete Pour (Column Footings) - 2021	1.9	18.6	21.8	0.06	3.8	1.6
Building Construction - 2022 (Structure Equipment Garage)	3.1	32.7	41.9	0.14	8.7	3.1
Building Construction - 2022 (Structure Equipment Tower)	3.0	29.4	41.0	0.12	8.4	3.0
Building Construction - 2022 (Structure Equipment Affordable)	2.9	29.2	40.9	0.12	8.4	3.0
Building Construction - 2022 (Retail)	3.0	30.8	41.4	0.13	8.5	3.0
Building Construction - 2022	2.9	26.7	40.2	0.11	8.1	2.9
Building Construction - 2023	2.6	24.1	38.4	0.11	8.0	2.8
Building Construction - 2024	2.5	22.5	37.0	0.11	7.9	2.7
Architectural Coating - 2022	13.2	3.4	4.3	0.01	0.4	0.2
Architectural Coating - 2022	13.2	3.4	4.3	0.01	0.4	0.2
Architectural Coating - 2023	13.2	3.2	4.3	0.01	0.4	0.2
Paving - 2023	1.7	16.4	17.1	0.04	1.0	0.8
Overlapping Phases						
2022						
Site Preparation + Utilities/Trenching + Grading/Excavation - 2022	7.3	121.0	59.6	0.34	12.6	5.6
Grading Excavation - 2023	2.4	23.3	29.5	0.07	3.5	1.5
Foundations/Concrete Pour (Shoring Wall+Cast In Drilled Hole Foundation) - 2021	1.8	17.0	21.4	0.05	3.7	1.5
Foundations/Concrete Pour (Mat Foundation)- 2021	1.8	22.7	22.5	0.08	4.4	1.7
Foundations/Concrete Pour (Column Footings) - 2021	1.9	18.6	21.8	0.06	3.8	1.6
Building Construction - 2022 (Structure Equipment Garage)	3.1	32.7	41.9	0.14	8.7	3.1
Building Construction - 2022 (Structure Equipment Tower)	3.0	29.4	41.0	0.12	8.4	3.0
Building Construction - 2022 (Structure Equipment Affordable)	2.9	29.2	40.9	0.12	8.4	3.0
Building Construction - 2022 (Retail)	3.0	30.8	41.4	0.13	8.5	3.0
Building Construction + Architectural Coating - 2023	16.1	30.1	44.5	0.12	8.5	3.1
Building Construction + Architectural Coating + Paving - 2024	17.5	43.9	59.8	0.16	9.4	3.8
Building Construction + Architectural Coating - 2025	15.7	25.7	41.3	0.12	8.2	2.9
Daily Maximum Emissions	**18**	**121**	**60**	**0.3**	**13**	**6**
SCAQMD Regional Threshold	75	100	550	150	150	55
Exceeds Threshold?	No	Yes	No	No	No	No

Hollywood Center
Air Quality Construction Analysis
Unmitigated - Construction East Site First Scenario
East Site Onsite Emissions

Localized Emissions Summary Source	NOX	CO lb/day	PM10 Total	Total PM2.5
Site Preparation - 2021	6.0	4.9	0.3	0.2
Grading - 2021	22.7	21.5	1.0	0.9
Grading - 2021	22.7	21.5	1.0	0.9
Utilities/Trenching - 2021	11.8	10.3	0.6	0.6
Foundations/Concrete Pour (Shoring Wall+Cast In Drilled Hole Foundation) - 2021	14.1	12.0	0.7	0.7
Foundations/Concrete Pour (Mat Foundation)- 2021	8.8	10.3	0.5	0.5
Foundations/Concrete Pour (Column Footings) - 2021	14.1	12.0	0.7	0.7
Building Construction - 2022 (Structure Equipment Garage)	22.1	19.5	1.0	1.0
Building Construction - 2022 (Structure Equipment Tower)	22.1	19.5	1.0	1.0
Building Construction - 2022 (Structure Equipment Affordable)	22.1	19.5	1.0	1.0
Building Construction - 2022 (Retail)	22.1	19.5	1.0	1.0
Building Construction - 2022	22.1	19.5	1.0	1.0
Building Construction - 2023	20.3	19.4	0.9	0.9
Building Construction - 2024	18.9	19.3	0.8	0.8
Architectural Coating - 2022	3.4	3.8	0.2	0.2
Architectural Coating - 2022	3.4	3.8	0.2	0.2
Architectural Coating - 2023	3.2	3.8	0.2	0.2
Paving - 2023	16.3	16.4	0.7	0.7
Daily Maximum	22.7	21.5	1.0	1.0
Localized Significance Threshold	120.0	1235.0	9.8	5.7
Exceed Threshold?	No	No	No	No

Overlapping Phases				
Site Preparation + Utilities/Trenching + Grading/Excavation - 2022	40.5	36.8	1.9	1.7
Grading Excavation - 2023	22.7	21.5	1.0	0.9
Foundations/Concrete Pour (Shoring Wall+Cast In Drilled Hole Foundation) - 2023	14.1	12.0	0.72	0.69
Foundations/Concrete Pour (Mat Foundation)- 2023	8.8	10.3	0.49	0.49
Foundations/Concrete Pour (Column Footings) - 2023	14.1	12.0	0.7	0.69
Building Construction - 2023 (Structure Equipment Garage)	22.1	19.5	1.0	1.0
Building Construction - 2023 (Structure Equipment Tower)	22.1	19.5	1.0	1.0
Building Construction - 2023 (Structure Equipment Affordable)	22.1	19.5	1.0	1.0
Building Construction - 2023 (Retail)	22.1	19.5	1.0	1.0
Building Construction + Architectural Coating - 2023	25.5	23.4	1.2	1.2
Building Construction + Architectural Coating + Paving - 2024	40.0	39.6	1.8	1.7
Building Construction + Architectural Coating - 2025	22.1	23.1	1.0	0.9
Daily Maximum Emissions	**40.5**	**39.6**	**1.9**	**1.7**
Localized Significance Threshold	120	1235	9.8	5.7
Exceed Threshold?	No	No	No	No

Hollywood Center-East-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
General Office Building	32.66	1000sqft	0.10	32,665.00	0
Enclosed Parking with Elevator	684.00	Space	0.80	353,824.00	0
Other Non-Asphalt Surfaces	21.15	1000sqft	0.10	21,150.00	0
User Defined Parking	1.63	User Defined Unit	0.14	1,627.00	0
City Park	0.81	Acre	0.10	35,300.00	0
Fast Food Restaurant w/o Drive Thru	2.73	1000sqft	0.10	2,732.00	0
High Turnover (Sit Down Restaurant)	15.48	1000sqft	0.10	15,482.00	0
Apartments Mid Rise	65.00	Dwelling Unit	0.30	67,149.00	186
Condo/Townhouse High Rise	423.00	Dwelling Unit	0.95	575,100.00	1210

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)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see construction assumptions

Construction Phase - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment -

Trips and VMT - construction mobile emissions calculated outside of CalEEMod

Grading - see construction assumptions

Architectural Coating - see construction assumptions

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	25,440.00	53,665.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	76,319.00	160,994.00
tblArchitecturalCoating	ConstArea_Parking	22,596.00	21,327.00
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	401.00
tblConstructionPhase	NumDays	220.00	40.00
tblConstructionPhase	NumDays	220.00	726.00
tblConstructionPhase	NumDays	6.00	259.00
tblConstructionPhase	NumDays	10.00	78.00
tblConstructionPhase	NumDays	3.00	27.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00

tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	0.00	2.69
tblGrading	AcresOfGrading	0.00	2.69
tblGrading	MaterialExported	0.00	260,930.00
tblGrading	MaterialExported	0.00	704.00
tblLandUse	LandUseSquareFeet	32,660.00	32,665.00
tblLandUse	LandUseSquareFeet	273,600.00	353,824.00
tblLandUse	LandUseSquareFeet	0.00	1,627.00
tblLandUse	LandUseSquareFeet	35,283.60	35,300.00
tblLandUse	LandUseSquareFeet	2,730.00	2,732.00
tblLandUse	LandUseSquareFeet	15,480.00	15,482.00
tblLandUse	LandUseSquareFeet	65,000.00	67,149.00
tblLandUse	LandUseSquareFeet	423,000.00	575,100.00
tblLandUse	LotAcreage	0.75	0.10
tblLandUse	LotAcreage	6.16	0.80
tblLandUse	LotAcreage	0.49	0.10
tblLandUse	LotAcreage	0.00	0.14
tblLandUse	LotAcreage	0.81	0.10
tblLandUse	LotAcreage	0.06	0.10
tblLandUse	LotAcreage	0.36	0.10
tblLandUse	LotAcreage	1.71	0.30
tblLandUse	LotAcreage	6.61	0.95
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	HaulingTripNumber	88.00	0.00
tblTripsAndVMT	HaulingTripNumber	32,616.00	0.00
tblTripsAndVMT	VendorTripNumber	128.00	0.00
tblTripsAndVMT	VendorTripNumber	128.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	30.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	542.00	0.00
tblTripsAndVMT	WorkerTripNumber	542.00	0.00
tblTripsAndVMT	WorkerTripNumber	108.00	0.00
tblTripsAndVMT	WorkerTripNumber	20.00	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					
2021	4.1244	40.5276	36.7524	0.0787	0.2336	1.7739	2.0074	0.0303	1.6602	1.6905	0.0000	7,548.0080	7,548.0080	2.1468	0.0000	7,601.6784
2022	15.5591	25.4670	23.3678	0.0505	0.0000	1.2227	1.2227	0.0000	1.1707	1.1707	0.0000	4,807.9404	4,807.9404	0.9800	0.0000	4,832.4403
2023	17.0276	39.8059	39.5893	0.0846	0.0000	1.8133	1.8133	0.0000	1.7196	1.7196	0.0000	8,082.6203	8,082.6203	1.8596	0.0000	8,129.1103
2024	2.0910	18.9186	19.2617	0.0443	0.0000	0.8155	0.8155	0.0000	0.7778	0.7778	0.0000	4,227.9894	4,227.9894	0.8905	0.0000	4,250.2510
Maximum	**17.0276**	**40.5276**	**39.5893**	**0.0846**	**0.2336**	**1.8133**	**2.0074**	**0.0303**	**1.7196**	**1.7196**	**0.0000**	**8,082.6203**	**8,082.6203**	**2.1468**	**0.0000**	**8,129.1103**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.1244	40.5276	36.7524	0.0787	0.0911	1.7739	1.8650	0.0118	1.6602	1.6720	0.0000	7,548.0080	7,548.0080	2.1468	0.0000	7,601.6784
2022	15.5591	25.4670	23.3678	0.0505	0.0000	1.2227	1.2227	0.0000	1.1707	1.1707	0.0000	4,807.9404	4,807.9404	0.9800	0.0000	4,832.4403
2023	17.0276	39.8059	39.5893	0.0846	0.0000	1.8133	1.8133	0.0000	1.7196	1.7196	0.0000	8,082.6203	8,082.6203	1.8596	0.0000	8,129.1103
2024	2.0910	18.9186	19.2617	0.0443	0.0000	0.8155	0.8155	0.0000	0.7778	0.7778	0.0000	4,227.9894	4,227.9894	0.8905	0.0000	4,250.2510
Maximum	**17.0276**	**40.5276**	**39.5893**	**0.0846**	**0.0911**	**1.8133**	**1.8650**	**0.0118**	**1.7196**	**1.7196**	**0.0000**	**8,082.6203**	**8,082.6203**	**2.1468**	**0.0000**	**8,129.1103**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**61.00**	**0.00**	**2.43**	**61.02**	**0.00**	**0.35**	**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	Site Preparation	Site Preparation	1/4/2021	2/3/2021	6	27	
2	Grading	Grading	1/18/2021	11/15/2021	6	259	
3	Utilties/Trenching	Trenching	1/18/2021	1/29/2021	6	11	
4	Foundations	Building Construction	11/16/2021	12/31/2021	6	40	
5	Building Construction	Building Construction	1/1/2022	4/26/2024	6	726	
6	Architectural Coating	Architectural Coating	8/19/2022	11/29/2023	6	401	
7	Paving	Paving	5/18/2023	8/16/2023	6	78	

Acres of Grading (Site Preparation Phase): 2.69

Acres of Grading (Grading Phase): 2.69

Acres of Paving: 1.04

Residential Indoor: 1,300,554; Residential Outdoor: 433,518; Non-Residential Indoor: 160,994; Non-Residential Outdoor: 53,665; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Graders	0	8.00	187	0.41
Site Preparation	Rubber Tired Loaders	1	8.00	203	0.36
Site Preparation	Scrapers	0	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	221	0.50
Grading	Dumpers/Tenders	2	8.00	16	0.38
Grading	Excavators	4	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Plate Compactors	2	8.00	8	0.43
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Rubber Tired Loaders	2	8.00	203	0.36

Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Utilties/Trenching	Air Compressors	1	8.00	78	0.48
Utilties/Trenching	Concrete/Industrial Saws	1	8.00	81	0.73
Utilties/Trenching	Cranes	1	8.00	231	0.29
Utilties/Trenching	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Air Compressors	1	8.00	78	0.48
Foundations	Cranes	1	8.00	231	0.29
Foundations	Dumpers/Tenders	2	8.00	16	0.38
Foundations	Forklifts	1	8.00	89	0.20
Foundations	Generator Sets	1	8.00	84	0.74
Foundations	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Welders	0	8.00	46	0.45
Building Construction	Air Compressors	1	8.00	78	0.48
Building Construction	Bore/Drill Rigs	1	8.00	221	0.50
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Dumpers/Tenders	2	8.00	16	0.38
Building Construction	Forklifts	1	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48
Architectural Coating	Dumpers/Tenders	1	8.00	16	0.38
Architectural Coating	Forklifts	1	8.00	89	0.20
Paving	Cement and Mortar Mixers	0	8.00	9	0.56
Paving	Concrete/Industrial Saws	1	8.00	81	0.73
Paving	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Plate Compactors	1	8.00	8	0.43

Paving	Rollers	1	8.00	80	0.38
Paving	Surfacing Equipment	1	8.00	263	0.30
Paving	Sweepers/Scrubbers	1	8.00	64	0.46
Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	12	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Utilties/Trenching	4	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Foundations	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	10	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1086	0.0000	0.1086	0.0119	0.0000	0.0119			0.0000			0.0000
Off-Road	0.5722	6.0172	4.8705	0.0114		0.2333	0.2333		0.2146	0.2146		1,105.4182	1,105.4182	0.3575		1,114.3561
Total	**0.5722**	**6.0172**	**4.8705**	**0.0114**	**0.1086**	**0.2333**	**0.3419**	**0.0119**	**0.2146**	**0.2265**		**1,105.4182**	**1,105.4182**	**0.3575**		**1,114.3561**

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**

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					0.0424	0.0000	0.0424	4.6200e-003	0.0000	4.6200e-003			0.0000			0.0000
Off-Road	0.5722	6.0172	4.8705	0.0114		0.2333	0.2333		0.2146	0.2146	0.0000	1,105.4182	1,105.4182	0.3575		1,114.3561
Total	**0.5722**	**6.0172**	**4.8705**	**0.0114**	**0.0424**	**0.2333**	**0.2756**	**4.6200e-003**	**0.2146**	**0.2192**	**0.0000**	**1,105.4182**	**1,105.4182**	**0.3575**		**1,114.3561**

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**

3.3 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1250	0.0000	0.1250	0.0184	0.0000	0.0184			0.0000			0.0000
Off-Road	2.2753	22.6916	21.5414	0.0482		0.9334	0.9334		0.8630	0.8630		4,615.0222	4,615.0222	1.4511		4,651.3000
Total	**2.2753**	**22.6916**	**21.5414**	**0.0482**	**0.1250**	**0.9334**	**1.0583**	**0.0184**	**0.8630**	**0.8815**		**4,615.0222**	**4,615.0222**	**1.4511**		**4,651.3000**

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**

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					0.0487	0.0000	0.0487	7.1900e-003	0.0000	7.1900e-003			0.0000			0.0000
Off-Road	2.2753	22.6916	21.5414	0.0482		0.9334	0.9334		0.8630	0.8630	0.0000	4,615.0222	4,615.0222	1.4511		4,651.3000
Total	**2.2753**	**22.6916**	**21.5414**	**0.0482**	**0.0487**	**0.9334**	**0.9821**	**7.1900e-003**	**0.8630**	**0.8702**	**0.0000**	**4,615.0222**	**4,615.0222**	**1.4511**		**4,651.3000**

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**

3.4 Utilties/Trenching - 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	1.2769	11.8188	10.3405	0.0191		0.6072	0.6072		0.5825	0.5825		1,827.5675	1,827.5675	0.3382		1,836.0224
Total	**1.2769**	**11.8188**	**10.3405**	**0.0191**		**0.6072**	**0.6072**		**0.5825**	**0.5825**		**1,827.5675**	**1,827.5675**	**0.3382**		**1,836.0224**

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**

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	1.2769	11.8188	10.3405	0.0191		0.6072	0.6072		0.5825	0.5825	0.0000	1,827.5675	1,827.5675	0.3382		1,836.0224
Total	**1.2769**	**11.8188**	**10.3405**	**0.0191**		**0.6072**	**0.6072**		**0.5825**	**0.5825**	**0.0000**	**1,827.5675**	**1,827.5675**	**0.3382**		**1,836.0224**

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**

3.5 Foundations - 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	1.5257	14.0555	12.0207	0.0224		0.7205	0.7205		0.6891	0.6891		2,127.8489	2,127.8489	0.3965		2,137.7622
Total	**1.5257**	**14.0555**	**12.0207**	**0.0224**		**0.7205**	**0.7205**		**0.6891**	**0.6891**		**2,127.8489**	**2,127.8489**	**0.3965**		**2,137.7622**

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**

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	1.5257	14.0555	12.0207	0.0224		0.7205	0.7205		0.6891	0.6891	0.0000	2,127.8489	2,127.8489	0.3965		2,137.7622
Total	**1.5257**	**14.0555**	**12.0207**	**0.0224**		**0.7205**	**0.7205**		**0.6891**	**0.6891**	**0.0000**	**2,127.8489**	**2,127.8489**	**0.3965**		**2,137.7622**

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**

3.6 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3499	22.0696	19.5451	0.0442		1.0265	1.0265		0.9801	0.9801		4,223.7051	4,223.7051	0.9012		4,246.2339
Total	**2.3499**	**22.0696**	**19.5451**	**0.0442**		**1.0265**	**1.0265**		**0.9801**	**0.9801**		**4,223.7051**	**4,223.7051**	**0.9012**		**4,246.2339**

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**

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	2.3499	22.0696	19.5451	0.0442		1.0265	1.0265		0.9801	0.9801	0.0000	4,223.7051	4,223.7051	0.9012		4,246.2339
Total	**2.3499**	**22.0696**	**19.5451**	**0.0442**		**1.0265**	**1.0265**		**0.9801**	**0.9801**	**0.0000**	**4,223.7051**	**4,223.7051**	**0.9012**		**4,246.2339**

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**

3.6 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2080	20.3008	19.3889	0.0443		0.9121	0.9121		0.8705	0.8705		4,225.8629	4,225.8629	0.8944		4,248.2225
Total	**2.2080**	**20.3008**	**19.3889**	**0.0443**		**0.9121**	**0.9121**		**0.8705**	**0.8705**		**4,225.8629**	**4,225.8629**	**0.8944**		**4,248.2225**

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**

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	2.2080	20.3008	19.3889	0.0443		0.9121	0.9121		0.8705	0.8705	0.0000	4,225.8629	4,225.8629	0.8944		4,248.2225
Total	**2.2080**	**20.3008**	**19.3889**	**0.0443**		**0.9121**	**0.9121**		**0.8705**	**0.8705**	**0.0000**	**4,225.8629**	**4,225.8629**	**0.8944**		**4,248.2225**

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**

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0910	18.9186	19.2617	0.0443		0.8155	0.8155		0.7778	0.7778		4,227.9894	4,227.9894	0.8905		4,250.2510
Total	**2.0910**	**18.9186**	**19.2617**	**0.0443**		**0.8155**	**0.8155**		**0.7778**	**0.7778**		**4,227.9894**	**4,227.9894**	**0.8905**		**4,250.2510**

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**

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	2.0910	18.9186	19.2617	0.0443		0.8155	0.8155		0.7778	0.7778	0.0000	4,227.9894	4,227.9894	0.8905		4,250.2510
Total	**2.0910**	**18.9186**	**19.2617**	**0.0443**		**0.8155**	**0.8155**		**0.7778**	**0.7778**	**0.0000**	**4,227.9894**	**4,227.9894**	**0.8905**		**4,250.2510**

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**

3.7 Architectural Coating - 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	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4598	3.3974	3.8227	6.2400e-003		0.1962	0.1962		0.1906	0.1906		584.2352	584.2352	0.0789		586.2065
Total	**13.2092**	**3.3974**	**3.8227**	**6.2400e-003**		**0.1962**	**0.1962**		**0.1906**	**0.1906**		**584.2352**	**584.2352**	**0.0789**		**586.2065**

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**

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	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4598	3.3974	3.8227	6.2400e-003		0.1962	0.1962		0.1906	0.1906	0.0000	584.2352	584.2352	0.0789		586.2065
Total	**13.2092**	**3.3974**	**3.8227**	**6.2400e-003**		**0.1962**	**0.1962**		**0.1906**	**0.1906**	**0.0000**	**584.2352**	**584.2352**	**0.0789**		**586.2065**

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**

3.7 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4315	3.1615	3.8104	6.2400e-003		0.1711	0.1711		0.1664	0.1664		584.2352	584.2352	0.0769		586.1569
Total	**13.1809**	**3.1615**	**3.8104**	**6.2400e-003**		**0.1711**	**0.1711**		**0.1664**	**0.1664**		**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

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	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4315	3.1615	3.8104	6.2400e-003		0.1711	0.1711		0.1664	0.1664	0.0000	584.2352	584.2352	0.0769		586.1569
Total	**13.1809**	**3.1615**	**3.8104**	**6.2400e-003**		**0.1711**	**0.1711**		**0.1664**	**0.1664**	**0.0000**	**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

3.8 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6387	16.3436	16.3899	0.0341		0.7301	0.7301		0.6827	0.6827		3,272.5221	3,272.5221	0.8884		3,294.7309
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6387**	**16.3436**	**16.3899**	**0.0341**		**0.7301**	**0.7301**		**0.6827**	**0.6827**		**3,272.5221**	**3,272.5221**	**0.8884**		**3,294.7309**

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**

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	1.6387	16.3436	16.3899	0.0341		0.7301	0.7301		0.6827	0.6827	0.0000	3,272.5221	3,272.5221	0.8884		3,294.7309
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6387**	**16.3436**	**16.3899**	**0.0341**		**0.7301**	**0.7301**		**0.6827**	**0.6827**	**0.0000**	**3,272.5221**	**3,272.5221**	**0.8884**		**3,294.7309**

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**

Hollywood Center-East-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
General Office Building	32.66	1000sqft	0.10	32,665.00	0
Enclosed Parking with Elevator	684.00	Space	0.80	353,824.00	0
Other Non-Asphalt Surfaces	21.15	1000sqft	0.10	21,150.00	0
User Defined Parking	1.63	User Defined Unit	0.14	1,627.00	0
City Park	0.81	Acre	0.10	35,300.00	0
Fast Food Restaurant w/o Drive Thru	2.73	1000sqft	0.10	2,732.00	0
High Turnover (Sit Down Restaurant)	15.48	1000sqft	0.10	15,482.00	0
Apartments Mid Rise	65.00	Dwelling Unit	0.30	67,149.00	186
Condo/Townhouse High Rise	423.00	Dwelling Unit	0.95	575,100.00	1210

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)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see construction assumptions

Construction Phase - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment -

Trips and VMT - construction mobile emissions calculated outside of CalEEMod

Grading - see construction assumptions

Architectural Coating - see construction assumptions

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	25,440.00	53,665.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	76,319.00	160,994.00
tblArchitecturalCoating	ConstArea_Parking	22,596.00	21,327.00
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	401.00
tblConstructionPhase	NumDays	220.00	40.00
tblConstructionPhase	NumDays	220.00	726.00
tblConstructionPhase	NumDays	6.00	259.00
tblConstructionPhase	NumDays	10.00	78.00
tblConstructionPhase	NumDays	3.00	27.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00

tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	0.00	2.69
tblGrading	AcresOfGrading	0.00	2.69
tblGrading	MaterialExported	0.00	260,930.00
tblGrading	MaterialExported	0.00	704.00
tblLandUse	LandUseSquareFeet	32,660.00	32,665.00
tblLandUse	LandUseSquareFeet	273,600.00	353,824.00
tblLandUse	LandUseSquareFeet	0.00	1,627.00
tblLandUse	LandUseSquareFeet	35,283.60	35,300.00
tblLandUse	LandUseSquareFeet	2,730.00	2,732.00
tblLandUse	LandUseSquareFeet	15,480.00	15,482.00
tblLandUse	LandUseSquareFeet	65,000.00	67,149.00
tblLandUse	LandUseSquareFeet	423,000.00	575,100.00
tblLandUse	LotAcreage	0.75	0.10
tblLandUse	LotAcreage	6.16	0.80
tblLandUse	LotAcreage	0.49	0.10
tblLandUse	LotAcreage	0.00	0.14
tblLandUse	LotAcreage	0.81	0.10
tblLandUse	LotAcreage	0.06	0.10
tblLandUse	LotAcreage	0.36	0.10
tblLandUse	LotAcreage	1.71	0.30
tblLandUse	LotAcreage	6.61	0.95
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	HaulingTripNumber	88.00	0.00
tblTripsAndVMT	HaulingTripNumber	32,616.00	0.00
tblTripsAndVMT	VendorTripNumber	128.00	0.00
tblTripsAndVMT	VendorTripNumber	128.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	30.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	542.00	0.00
tblTripsAndVMT	WorkerTripNumber	542.00	0.00
tblTripsAndVMT	WorkerTripNumber	108.00	0.00
tblTripsAndVMT	WorkerTripNumber	20.00	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					
2021	4.1244	40.5276	36.7524	0.0787	0.2336	1.7739	2.0074	0.0303	1.6602	1.6905	0.0000	7,548.0080	7,548.0080	2.1468	0.0000	7,601.6784
2022	15.5591	25.4670	23.3678	0.0505	0.0000	1.2227	1.2227	0.0000	1.1707	1.1707	0.0000	4,807.9404	4,807.9404	0.9800	0.0000	4,832.4403
2023	17.0276	39.8059	39.5893	0.0846	0.0000	1.8133	1.8133	0.0000	1.7196	1.7196	0.0000	8,082.6203	8,082.6203	1.8596	0.0000	8,129.1103
2024	2.0910	18.9186	19.2617	0.0443	0.0000	0.8155	0.8155	0.0000	0.7778	0.7778	0.0000	4,227.9894	4,227.9894	0.8905	0.0000	4,250.2510
Maximum	**17.0276**	**40.5276**	**39.5893**	**0.0846**	**0.2336**	**1.8133**	**2.0074**	**0.0303**	**1.7196**	**1.7196**	**0.0000**	**8,082.6203**	**8,082.6203**	**2.1468**	**0.0000**	**8,129.1103**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	4.1244	40.5276	36.7524	0.0787	0.0911	1.7739	1.8650	0.0118	1.6602	1.6720	0.0000	7,548.0080	7,548.0080	2.1468	0.0000	7,601.6784
2022	15.5591	25.4670	23.3678	0.0505	0.0000	1.2227	1.2227	0.0000	1.1707	1.1707	0.0000	4,807.9404	4,807.9404	0.9800	0.0000	4,832.4403
2023	17.0276	39.8059	39.5893	0.0846	0.0000	1.8133	1.8133	0.0000	1.7196	1.7196	0.0000	8,082.6203	8,082.6203	1.8596	0.0000	8,129.1103
2024	2.0910	18.9186	19.2617	0.0443	0.0000	0.8155	0.8155	0.0000	0.7778	0.7778	0.0000	4,227.9894	4,227.9894	0.8905	0.0000	4,250.2510
Maximum	**17.0276**	**40.5276**	**39.5893**	**0.0846**	**0.0911**	**1.8133**	**1.8650**	**0.0118**	**1.7196**	**1.7196**	**0.0000**	**8,082.6203**	**8,082.6203**	**2.1468**	**0.0000**	**8,129.1103**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**61.00**	**0.00**	**2.43**	**61.02**	**0.00**	**0.35**	**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	Site Preparation	Site Preparation	1/4/2021	2/3/2021	6	27	
2	Grading	Grading	1/18/2021	11/15/2021	6	259	
3	Utilties/Trenching	Trenching	1/18/2021	1/29/2021	6	11	
4	Foundations	Building Construction	11/16/2021	12/31/2021	6	40	
5	Building Construction	Building Construction	1/1/2022	4/26/2024	6	726	
6	Architectural Coating	Architectural Coating	8/19/2022	11/29/2023	6	401	
7	Paving	Paving	5/18/2023	8/16/2023	6	78	

Acres of Grading (Site Preparation Phase): 2.69

Acres of Grading (Grading Phase): 2.69

Acres of Paving: 1.04

Residential Indoor: 1,300,554; Residential Outdoor: 433,518; Non-Residential Indoor: 160,994; Non-Residential Outdoor: 53,665; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Graders	0	8.00	187	0.41
Site Preparation	Rubber Tired Loaders	1	8.00	203	0.36
Site Preparation	Scrapers	0	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	221	0.50
Grading	Dumpers/Tenders	2	8.00	16	0.38
Grading	Excavators	4	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Plate Compactors	2	8.00	8	0.43

Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Rubber Tired Loaders	2	8.00	203	0.36
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Utilties/Trenching	Air Compressors	1	8.00	78	0.48
Utilties/Trenching	Concrete/Industrial Saws	1	8.00	81	0.73
Utilties/Trenching	Cranes	1	8.00	231	0.29
Utilties/Trenching	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Air Compressors	1	8.00	78	0.48
Foundations	Cranes	1	8.00	231	0.29
Foundations	Dumpers/Tenders	2	8.00	16	0.38
Foundations	Forklifts	1	8.00	89	0.20
Foundations	Generator Sets	1	8.00	84	0.74
Foundations	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Welders	0	8.00	46	0.45
Building Construction	Air Compressors	1	8.00	78	0.48
Building Construction	Bore/Drill Rigs	1	8.00	221	0.50
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Dumpers/Tenders	2	8.00	16	0.38
Building Construction	Forklifts	1	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48
Architectural Coating	Dumpers/Tenders	1	8.00	16	0.38
Architectural Coating	Forklifts	1	8.00	89	0.20
Paving	Cement and Mortar Mixers	0	8.00	9	0.56
Paving	Concrete/Industrial Saws	1	8.00	81	0.73
Paving	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42

Paving	Paving Equipment	1	8.00	132	0.36
Paving	Plate Compactors	1	8.00	8	0.43
Paving	Rollers	1	8.00	80	0.38
Paving	Surfacing Equipment	1	8.00	263	0.30
Paving	Sweepers/Scrubbers	1	8.00	64	0.46
Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	12	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Utilties/Trenching	4	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Foundations	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	10	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1086	0.0000	0.1086	0.0119	0.0000	0.0119			0.0000			0.0000
Off-Road	0.5722	6.0172	4.8705	0.0114		0.2333	0.2333		0.2146	0.2146		1,105.4182	1,105.4182	0.3575		1,114.3561
Total	**0.5722**	**6.0172**	**4.8705**	**0.0114**	**0.1086**	**0.2333**	**0.3419**	**0.0119**	**0.2146**	**0.2265**		**1,105.4182**	**1,105.4182**	**0.3575**		**1,114.3561**

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**

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					0.0424	0.0000	0.0424	4.6200e-003	0.0000	4.6200e-003			0.0000			0.0000
Off-Road	0.5722	6.0172	4.8705	0.0114		0.2333	0.2333		0.2146	0.2146	0.0000	1,105.4182	1,105.4182	0.3575		1,114.3561
Total	**0.5722**	**6.0172**	**4.8705**	**0.0114**	**0.0424**	**0.2333**	**0.2756**	**4.6200e-003**	**0.2146**	**0.2192**	**0.0000**	**1,105.4182**	**1,105.4182**	**0.3575**		**1,114.3561**

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**

3.3 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1250	0.0000	0.1250	0.0184	0.0000	0.0184			0.0000			0.0000
Off-Road	2.2753	22.6916	21.5414	0.0482		0.9334	0.9334		0.8630	0.8630		4,615.0222	4,615.0222	1.4511		4,651.3000
Total	**2.2753**	**22.6916**	**21.5414**	**0.0482**	**0.1250**	**0.9334**	**1.0583**	**0.0184**	**0.8630**	**0.8815**		**4,615.0222**	**4,615.0222**	**1.4511**		**4,651.3000**

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**

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					0.0487	0.0000	0.0487	7.1900e-003	0.0000	7.1900e-003			0.0000			0.0000
Off-Road	2.2753	22.6916	21.5414	0.0482		0.9334	0.9334		0.8630	0.8630	0.0000	4,615.0222	4,615.0222	1.4511		4,651.3000
Total	**2.2753**	**22.6916**	**21.5414**	**0.0482**	**0.0487**	**0.9334**	**0.9821**	**7.1900e-003**	**0.8630**	**0.8702**	**0.0000**	**4,615.0222**	**4,615.0222**	**1.4511**		**4,651.3000**

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**

3.4 Utilties/Trenching - 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	1.2769	11.8188	10.3405	0.0191		0.6072	0.6072		0.5825	0.5825		1,827.5675	1,827.5675	0.3382		1,836.0224
Total	**1.2769**	**11.8188**	**10.3405**	**0.0191**		**0.6072**	**0.6072**		**0.5825**	**0.5825**		**1,827.5675**	**1,827.5675**	**0.3382**		**1,836.0224**

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**

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	1.2769	11.8188	10.3405	0.0191		0.6072	0.6072		0.5825	0.5825	0.0000	1,827.5675	1,827.5675	0.3382		1,836.0224
Total	**1.2769**	**11.8188**	**10.3405**	**0.0191**		**0.6072**	**0.6072**		**0.5825**	**0.5825**	**0.0000**	**1,827.5675**	**1,827.5675**	**0.3382**		**1,836.0224**

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**

3.5 Foundations - 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	1.5257	14.0555	12.0207	0.0224		0.7205	0.7205		0.6891	0.6891		2,127.8489	2,127.8489	0.3965		2,137.7622
Total	**1.5257**	**14.0555**	**12.0207**	**0.0224**		**0.7205**	**0.7205**		**0.6891**	**0.6891**		**2,127.8489**	**2,127.8489**	**0.3965**		**2,137.7622**

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**

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	1.5257	14.0555	12.0207	0.0224		0.7205	0.7205		0.6891	0.6891	0.0000	2,127.8489	2,127.8489	0.3965		2,137.7622
Total	**1.5257**	**14.0555**	**12.0207**	**0.0224**		**0.7205**	**0.7205**		**0.6891**	**0.6891**	**0.0000**	**2,127.8489**	**2,127.8489**	**0.3965**		**2,137.7622**

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**

3.6 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3499	22.0696	19.5451	0.0442		1.0265	1.0265		0.9801	0.9801		4,223.7051	4,223.7051	0.9012		4,246.2339
Total	**2.3499**	**22.0696**	**19.5451**	**0.0442**		**1.0265**	**1.0265**		**0.9801**	**0.9801**		**4,223.7051**	**4,223.7051**	**0.9012**		**4,246.2339**

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**

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	2.3499	22.0696	19.5451	0.0442		1.0265	1.0265		0.9801	0.9801	0.0000	4,223.7051	4,223.7051	0.9012		4,246.2339
Total	**2.3499**	**22.0696**	**19.5451**	**0.0442**		**1.0265**	**1.0265**		**0.9801**	**0.9801**	**0.0000**	**4,223.7051**	**4,223.7051**	**0.9012**		**4,246.2339**

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**

3.6 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2080	20.3008	19.3889	0.0443		0.9121	0.9121		0.8705	0.8705		4,225.8629	4,225.8629	0.8944		4,248.2225
Total	**2.2080**	**20.3008**	**19.3889**	**0.0443**		**0.9121**	**0.9121**		**0.8705**	**0.8705**		**4,225.8629**	**4,225.8629**	**0.8944**		**4,248.2225**

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**

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	2.2080	20.3008	19.3889	0.0443		0.9121	0.9121		0.8705	0.8705	0.0000	4,225.8629	4,225.8629	0.8944		4,248.2225
Total	**2.2080**	**20.3008**	**19.3889**	**0.0443**		**0.9121**	**0.9121**		**0.8705**	**0.8705**	**0.0000**	**4,225.8629**	**4,225.8629**	**0.8944**		**4,248.2225**

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**

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0910	18.9186	19.2617	0.0443		0.8155	0.8155		0.7778	0.7778		4,227.9894	4,227.9894	0.8905		4,250.2510
Total	**2.0910**	**18.9186**	**19.2617**	**0.0443**		**0.8155**	**0.8155**		**0.7778**	**0.7778**		**4,227.9894**	**4,227.9894**	**0.8905**		**4,250.2510**

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**

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	2.0910	18.9186	19.2617	0.0443		0.8155	0.8155		0.7778	0.7778	0.0000	4,227.9894	4,227.9894	0.8905		4,250.2510
Total	**2.0910**	**18.9186**	**19.2617**	**0.0443**		**0.8155**	**0.8155**		**0.7778**	**0.7778**	**0.0000**	**4,227.9894**	**4,227.9894**	**0.8905**		**4,250.2510**

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**

3.7 Architectural Coating - 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	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4598	3.3974	3.8227	6.2400e-003		0.1962	0.1962		0.1906	0.1906		584.2352	584.2352	0.0789		586.2065
Total	**13.2092**	**3.3974**	**3.8227**	**6.2400e-003**		**0.1962**	**0.1962**		**0.1906**	**0.1906**		**584.2352**	**584.2352**	**0.0789**		**586.2065**

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**

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	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4598	3.3974	3.8227	6.2400e-003		0.1962	0.1962		0.1906	0.1906	0.0000	584.2352	584.2352	0.0789		586.2065
Total	**13.2092**	**3.3974**	**3.8227**	**6.2400e-003**		**0.1962**	**0.1962**		**0.1906**	**0.1906**	**0.0000**	**584.2352**	**584.2352**	**0.0789**		**586.2065**

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**

3.7 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4315	3.1615	3.8104	6.2400e-003		0.1711	0.1711		0.1664	0.1664		584.2352	584.2352	0.0769		586.1569
Total	**13.1809**	**3.1615**	**3.8104**	**6.2400e-003**		**0.1711**	**0.1711**		**0.1664**	**0.1664**		**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

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	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4315	3.1615	3.8104	6.2400e-003		0.1711	0.1711		0.1664	0.1664	0.0000	584.2352	584.2352	0.0769		586.1569
Total	**13.1809**	**3.1615**	**3.8104**	**6.2400e-003**		**0.1711**	**0.1711**		**0.1664**	**0.1664**	**0.0000**	**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

3.8 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6387	16.3436	16.3899	0.0341		0.7301	0.7301		0.6827	0.6827		3,272.5221	3,272.5221	0.8884		3,294.7309
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6387**	**16.3436**	**16.3899**	**0.0341**		**0.7301**	**0.7301**		**0.6827**	**0.6827**		**3,272.5221**	**3,272.5221**	**0.8884**		**3,294.7309**

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**

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	1.6387	16.3436	16.3899	0.0341		0.7301	0.7301		0.6827	0.6827	0.0000	3,272.5221	3,272.5221	0.8884		3,294.7309
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6387**	**16.3436**	**16.3899**	**0.0341**		**0.7301**	**0.7301**		**0.6827**	**0.6827**	**0.0000**	**3,272.5221**	**3,272.5221**	**0.8884**		**3,294.7309**

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**

Hollywood Center-East-Pumps

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Condo/Townhouse High Rise	423.00	Dwelling Unit	0.95	575,100.00	1210

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)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see construction assumptions

Construction Phase - see construction assumptions

Off-road Equipment - see construction assumptions

Trips and VMT - see construction assumptions

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15

tblConstructionPhase	NumDays	100.00	1.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	PhaseEndDate	6/9/2021	11/16/2021
tblConstructionPhase	PhaseStartDate	1/21/2021	11/16/2021
tblLandUse	LandUseSquareFeet	423,000.00	575,100.00
tblLandUse	LotAcreage	6.61	0.95
tblOffRoadEquipment	OffRoadEquipmentType		Pumps
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblTripsAndVMT	VendorTripNumber	45.00	0.00
tblTripsAndVMT	WorkerTripNumber	305.00	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					
2021	1.0462	8.8275	10.2867	0.0181	0.0000	0.4884	0.4884	0.0000	0.4884	0.4884	0.0000	1,713.3481	1,713.3481	0.0935	0.0000	1,715.6846
Maximum	**1.0462**	**8.8275**	**10.2867**	**0.0181**	**0.0000**	**0.4884**	**0.4884**	**0.0000**	**0.4884**	**0.4884**	**0.0000**	**1,713.3481**	**1,713.3481**	**0.0935**	**0.0000**	**1,715.6846**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.0462	8.8275	10.2867	0.0181	0.0000	0.4884	0.4884	0.0000	0.4884	0.4884	0.0000	1,713.3481	1,713.3481	0.0935	0.0000	1,715.6846
Maximum	**1.0462**	**8.8275**	**10.2867**	**0.0181**	**0.0000**	**0.4884**	**0.4884**	**0.0000**	**0.4884**	**0.4884**	**0.0000**	**1,713.3481**	**1,713.3481**	**0.0935**	**0.0000**	**1,715.6846**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	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	Foundations	Building Construction	11/16/2021	11/16/2021	6	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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
Foundations	Pumps	2	11.00	84	0.74

Foundations	Cranes	0	4.00	231	0.29
Foundations	Forklifts	0	6.00	89	0.20
Foundations	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Foundations	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Foundations - 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	1.0462	8.8275	10.2867	0.0181		0.4884	0.4884		0.4884	0.4884		1,713.3481	1,713.3481	0.0935		1,715.6846
Total	**1.0462**	**8.8275**	**10.2867**	**0.0181**		**0.4884**	**0.4884**		**0.4884**	**0.4884**		**1,713.3481**	**1,713.3481**	**0.0935**		**1,715.6846**

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**

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	1.0462	8.8275	10.2867	0.0181		0.4884	0.4884		0.4884	0.4884	0.0000	1,713.3481	1,713.3481	0.0935		1,715.6846
Total	**1.0462**	**8.8275**	**10.2867**	**0.0181**		**0.4884**	**0.4884**		**0.4884**	**0.4884**	**0.0000**	**1,713.3481**	**1,713.3481**	**0.0935**		**1,715.6846**

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**

Hollywood Center-East-Pumps

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Condo/Townhouse High Rise	423.00	Dwelling Unit	0.95	575,100.00	1210

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)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see construction assumptions

Construction Phase - see construction assumptions

Off-road Equipment - see construction assumptions

Trips and VMT - see construction assumptions

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15

tblConstructionPhase	NumDays	100.00	1.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	PhaseEndDate	6/9/2021	11/16/2021
tblConstructionPhase	PhaseStartDate	1/21/2021	11/16/2021
tblLandUse	LandUseSquareFeet	423,000.00	575,100.00
tblLandUse	LotAcreage	6.61	0.95
tblOffRoadEquipment	OffRoadEquipmentType		Pumps
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblTripsAndVMT	VendorTripNumber	45.00	0.00
tblTripsAndVMT	WorkerTripNumber	305.00	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					
2021	1.0462	8.8275	10.2867	0.0181	0.0000	0.4884	0.4884	0.0000	0.4884	0.4884	0.0000	1,713.3481	1,713.3481	0.0935	0.0000	1,715.6846
Maximum	**1.0462**	**8.8275**	**10.2867**	**0.0181**	**0.0000**	**0.4884**	**0.4884**	**0.0000**	**0.4884**	**0.4884**	**0.0000**	**1,713.3481**	**1,713.3481**	**0.0935**	**0.0000**	**1,715.6846**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.0462	8.8275	10.2867	0.0181	0.0000	0.4884	0.4884	0.0000	0.4884	0.4884	0.0000	1,713.3481	1,713.3481	0.0935	0.0000	1,715.6846
Maximum	**1.0462**	**8.8275**	**10.2867**	**0.0181**	**0.0000**	**0.4884**	**0.4884**	**0.0000**	**0.4884**	**0.4884**	**0.0000**	**1,713.3481**	**1,713.3481**	**0.0935**	**0.0000**	**1,715.6846**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	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	Foundations	Building Construction	11/16/2021	11/16/2021	6	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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
Foundations	Pumps	2	11.00	84	0.74

Foundations	Cranes	0	4.00	231	0.29
Foundations	Forklifts	0	6.00	89	0.20
Foundations	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Foundations	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Foundations - 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	1.0462	8.8275	10.2867	0.0181		0.4884	0.4884		0.4884	0.4884		1,713.3481	1,713.3481	0.0935		1,715.6846
Total	**1.0462**	**8.8275**	**10.2867**	**0.0181**		**0.4884**	**0.4884**		**0.4884**	**0.4884**		**1,713.3481**	**1,713.3481**	**0.0935**		**1,715.6846**

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**

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	1.0462	8.8275	10.2867	0.0181		0.4884	0.4884		0.4884	0.4884	0.0000	1,713.3481	1,713.3481	0.0935		1,715.6846
Total	**1.0462**	**8.8275**	**10.2867**	**0.0181**		**0.4884**	**0.4884**		**0.4884**	**0.4884**	**0.0000**	**1,713.3481**	**1,713.3481**	**0.0935**		**1,715.6846**

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**

Hollywood Center-Construction-West

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	41.60	1000sqft	0.10	41,600.00	0
Enclosed Parking with Elevator	837.00	Space	0.50	432,956.00	0
Other Non-Asphalt Surfaces	22.45	1000sqft	0.10	22,450.00	0
User Defined Parking	5.16	User Defined Unit	0.22	5,163.00	0
City Park	0.79	Acre	0.10	34,205.00	0
Fast Food Restaurant w/o Drive Thru	1.98	1000sqft	0.10	1,983.00	0
High Turnover (Sit Down Restaurant)	11.24	1000sqft	0.10	11,237.00	0
Apartments Mid Rise	68.00	Dwelling Unit	0.20	67,705.00	194
Condo/Townhouse High Rise	449.00	Dwelling Unit	0.50	581,464.00	1284

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see construction assumptions

Construction Phase - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment -

Trips and VMT - construction mobile emissions calculated outside of CalEEMod

Demolition -

Grading - see construction assumptions

Architectural Coating - see construction assumptions

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	27,410.00	55,738.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	82,230.00	167,213.00
tblArchitecturalCoating	ConstArea_Parking	27,634.00	26,287.00
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	398.00
tblConstructionPhase	NumDays	200.00	49.00
tblConstructionPhase	NumDays	200.00	639.00
tblConstructionPhase	NumDays	20.00	49.00
tblConstructionPhase	NumDays	4.00	279.00
tblConstructionPhase	NumDays	10.00	76.00
tblConstructionPhase	NumDays	2.00	24.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00

tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	0.00	1.92
tblGrading	AcresOfGrading	0.00	1.92
tblGrading	MaterialExported	0.00	281,370.00
tblLandUse	LandUseSquareFeet	334,800.00	432,956.00
tblLandUse	LandUseSquareFeet	0.00	5,163.00
tblLandUse	LandUseSquareFeet	34,412.40	34,205.00
tblLandUse	LandUseSquareFeet	1,980.00	1,983.00
tblLandUse	LandUseSquareFeet	11,240.00	11,237.00
tblLandUse	LandUseSquareFeet	68,000.00	67,705.00
tblLandUse	LandUseSquareFeet	449,000.00	581,464.00
tblLandUse	LotAcreage	0.96	0.10
tblLandUse	LotAcreage	7.53	0.50
tblLandUse	LotAcreage	0.52	0.10
tblLandUse	LotAcreage	0.00	0.22
tblLandUse	LotAcreage	0.79	0.10
tblLandUse	LotAcreage	0.05	0.10
tblLandUse	LotAcreage	0.26	0.10
tblLandUse	LotAcreage	1.79	0.20
tblLandUse	LotAcreage	7.02	0.50
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
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	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	HaulingTripNumber	45.00	0.00
tblTripsAndVMT	HaulingTripNumber	35,171.00	0.00
tblTripsAndVMT	VendorTripNumber	145.00	0.00
tblTripsAndVMT	VendorTripNumber	145.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	30.00	0.00
tblTripsAndVMT	WorkerTripNumber	599.00	0.00
tblTripsAndVMT	WorkerTripNumber	599.00	0.00
tblTripsAndVMT	WorkerTripNumber	120.00	0.00
tblTripsAndVMT	WorkerTripNumber	20.00	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					
2022	4.3875	39.0086	44.5316	0.0949	0.4071	1.7121	2.1192	0.0576	1.6254	1.6830	0.0000	9,072.9563	9,072.9563	2.2922	0.0000	9,130.2611
2023	15.7481	23.4623	23.1994	0.0505	0.0000	1.0832	1.0832	0.0000	1.0369	1.0369	0.0000	4,810.0981	4,810.0981	0.9713	0.0000	4,834.3795
2024	17.1684	37.1403	39.4377	0.0846	0.0000	1.6300	1.6300	0.0000	1.5446	1.5446	0.0000	8,084.2091	8,084.2091	1.8531	0.0000	8,130.5377
2025	15.4780	20.4433	22.9581	0.0505	0.0000	0.8577	0.8577	0.0000	0.8199	0.8199	0.0000	4,812.4384	4,812.4384	0.9604	0.0000	4,836.4477
Maximum	**17.1684**	**39.0086**	**44.5316**	**0.0949**	**0.4071**	**1.7121**	**2.1192**	**0.0576**	**1.6254**	**1.6830**	**0.0000**	**9,072.9563**	**9,072.9563**	**2.2922**	**0.0000**	**9,130.2611**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	4.3875	39.0086	44.5316	0.0949	0.1588	1.7121	1.8709	0.0225	1.6254	1.6478	0.0000	9,072.9563	9,072.9563	2.2922	0.0000	9,130.2611
2023	15.7481	23.4623	23.1994	0.0505	0.0000	1.0832	1.0832	0.0000	1.0369	1.0369	0.0000	4,810.0981	4,810.0981	0.9713	0.0000	4,834.3795
2024	17.1684	37.1403	39.4377	0.0846	0.0000	1.6300	1.6300	0.0000	1.5446	1.5446	0.0000	8,084.2091	8,084.2091	1.8531	0.0000	8,130.5377
2025	15.4780	20.4433	22.9581	0.0505	0.0000	0.8577	0.8577	0.0000	0.8199	0.8199	0.0000	4,812.4384	4,812.4384	0.9604	0.0000	4,836.4477
Maximum	**17.1684**	**39.0086**	**44.5316**	**0.0949**	**0.1588**	**1.7121**	**1.8709**	**0.0225**	**1.6254**	**1.6478**	**0.0000**	**9,072.9563**	**9,072.9563**	**2.2922**	**0.0000**	**9,130.2611**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**61.00**	**0.00**	**4.36**	**61.02**	**0.00**	**0.69**	**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	1/1/2022	2/26/2022	6	49	
2	Utilities/Trenching	Trenching	1/12/2022	2/1/2022	6	18	
3	Site Preparation	Site Preparation	1/29/2022	2/25/2022	6	24	
4	Grading	Grading	2/9/2022	12/30/2022	6	279	
5	Foundations	Building Construction	12/31/2022	2/26/2023	6	49	
6	Building Construction	Building Construction	2/27/2023	3/12/2025	6	639	
7	Architectural Coating	Architectural Coating	10/23/2023	1/28/2025	6	398	
8	Paving	Paving	7/3/2024	9/29/2024	6	76	

Acres of Grading (Site Preparation Phase): 1.92

Acres of Grading (Grading Phase): 1.92

Acres of Paving: 0.82

Residential Indoor: 1,314,567; Residential Outdoor: 438,189; Non-Residential Indoor: 167,213; Non-Residential Outdoor: 55,738; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Air Compressors	1	8.00	78	0.48
Demolition	Concrete/Industrial Saws	2	8.00	81	0.73
Demolition	Dumpers/Tenders	1	8.00	16	0.38
Demolition	Excavators	1	8.00	158	0.38
Demolition	Generator Sets	1	8.00	84	0.74
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Demolition	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Utilities/Trenching	Air Compressors	1	8.00	78	0.48
Utilities/Trenching	Concrete/Industrial Saws	1	8.00	81	0.73
Utilities/Trenching	Cranes	1	8.00	231	0.29
Utilities/Trenching	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Graders	0	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	0	7.00	247	0.40
Site Preparation	Rubber Tired Loaders	1	8.00	203	0.36
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	221	0.50
Grading	Dumpers/Tenders	2	8.00	16	0.38
Grading	Excavators	4	8.00	158	0.38
Grading	Graders	0	6.00	187	0.41
Grading	Plate Compactors	2	8.00	8	0.43
Grading	Rubber Tired Dozers	0	6.00	247	0.40
Grading	Rubber Tired Loaders	2	8.00	203	0.36
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Air Compressors	1	8.00	78	0.48
Foundations	Cranes	1	8.00	231	0.29
Foundations	Dumpers/Tenders	2	8.00	16	0.38
Foundations	Forklifts	1	8.00	89	0.20
Foundations	Generator Sets	1	8.00	84	0.74
Foundations	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Welders	0	8.00	46	0.45
Building Construction	Air Compressors	1	8.00	78	0.48
Building Construction	Bore/Drill Rigs	1	8.00	221	0.50
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Dumpers/Tenders	2	8.00	16	0.38
Building Construction	Forklifts	1	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74

Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48
Architectural Coating	Dumpers/Tenders	1	8.00	16	0.38
Architectural Coating	Forklifts	1	8.00	89	0.20
Paving	Cement and Mortar Mixers	0	6.00	9	0.56
Paving	Concrete/Industrial Saws	1	8.00	81	0.73
Paving	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Plate Compactors	1	8.00	8	0.43
Paving	Rollers	1	8.00	80	0.38
Paving	Surfacing Equipment	1	8.00	263	0.30
Paving	Sweepers/Scrubbers	1	8.00	64	0.46
Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Utilities/Trenching	4	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	12	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Foundations	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	10	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2009	0.0000	0.2009	0.0304	0.0000	0.0304			0.0000			0.0000
Off-Road	1.8854	15.6750	18.4606	0.0352		0.7610	0.7610		0.7460	0.7460		3,350.2478	3,350.2478	0.4828		3,362.3186
Total	**1.8854**	**15.6750**	**18.4606**	**0.0352**	**0.2009**	**0.7610**	**0.9619**	**0.0304**	**0.7460**	**0.7764**		**3,350.2478**	**3,350.2478**	**0.4828**		**3,362.3186**

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**

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					0.0784	0.0000	0.0784	0.0119	0.0000	0.0119			0.0000			0.0000
Off-Road	1.8854	15.6750	18.4606	0.0352		0.7610	0.7610		0.7460	0.7460	0.0000	3,350.2478	3,350.2478	0.4828		3,362.3186
Total	**1.8854**	**15.6750**	**18.4606**	**0.0352**	**0.0784**	**0.7610**	**0.8393**	**0.0119**	**0.7460**	**0.7578**	**0.0000**	**3,350.2478**	**3,350.2478**	**0.4828**		**3,362.3186**

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**

3.3 Utilities/Trenching - 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	1.1681	10.5391	10.2131	0.0191		0.5230	0.5230		0.5019	0.5019		1,827.9980	1,827.9980	0.3349		1,836.3711
Total	**1.1681**	**10.5391**	**10.2131**	**0.0191**		**0.5230**	**0.5230**		**0.5019**	**0.5019**		**1,827.9980**	**1,827.9980**	**0.3349**		**1,836.3711**

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**

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	1.1681	10.5391	10.2131	0.0191		0.5230	0.5230		0.5019	0.5019	0.0000	1,827.9980	1,827.9980	0.3349		1,836.3711
Total	**1.1681**	**10.5391**	**10.2131**	**0.0191**		**0.5230**	**0.5230**		**0.5019**	**0.5019**	**0.0000**	**1,827.9980**	**1,827.9980**	**0.3349**		**1,836.3711**

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**

3.4 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0848	0.0000	0.0848	9.1600e-003	0.0000	9.1600e-003			0.0000			0.0000
Off-Road	0.4938	4.8020	4.7864	0.0114		0.1874	0.1874		0.1724	0.1724		1,105.6796	1,105.6796	0.3576		1,114.6196
Total	**0.4938**	**4.8020**	**4.7864**	**0.0114**	**0.0848**	**0.1874**	**0.2722**	**9.1600e-003**	**0.1724**	**0.1816**		**1,105.6796**	**1,105.6796**	**0.3576**		**1,114.6196**

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**

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					0.0331	0.0000	0.0331	3.5700e-003	0.0000	3.5700e-003			0.0000			0.0000
Off-Road	0.4938	4.8020	4.7864	0.0114		0.1874	0.1874		0.1724	0.1724	0.0000	1,105.6796	1,105.6796	0.3576		1,114.6196
Total	**0.4938**	**4.8020**	**4.7864**	**0.0114**	**0.0331**	**0.1874**	**0.2205**	**3.5700e-003**	**0.1724**	**0.1760**	**0.0000**	**1,105.6796**	**1,105.6796**	**0.3576**		**1,114.6196**

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**

3.5 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1214	0.0000	0.1214	0.0181	0.0000	0.0181			0.0000			0.0000
Off-Road	2.0084	18.5316	21.2847	0.0482		0.7637	0.7637		0.7070	0.7070		4,617.0289	4,617.0289	1.4518		4,653.3229
Total	**2.0084**	**18.5316**	**21.2847**	**0.0482**	**0.1214**	**0.7637**	**0.8851**	**0.0181**	**0.7070**	**0.7251**		**4,617.0289**	**4,617.0289**	**1.4518**		**4,653.3229**

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**

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					0.0473	0.0000	0.0473	7.0400e-003	0.0000	7.0400e-003			0.0000			0.0000
Off-Road	2.0084	18.5316	21.2847	0.0482		0.7637	0.7637		0.7070	0.7070	0.0000	4,617.0289	4,617.0289	1.4518		4,653.3229
Total	**2.0084**	**18.5316**	**21.2847**	**0.0482**	**0.0473**	**0.7637**	**0.8111**	**7.0400e-003**	**0.7070**	**0.7140**	**0.0000**	**4,617.0289**	**4,617.0289**	**1.4518**		**4,653.3229**

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**

3.6 Foundations - 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	1.4009	12.6501	11.8797	0.0225		0.6243	0.6243		0.5976	0.5976		2,128.2794	2,128.2794	0.3932		2,138.1083
Total	**1.4009**	**12.6501**	**11.8797**	**0.0225**		**0.6243**	**0.6243**		**0.5976**	**0.5976**		**2,128.2794**	**2,128.2794**	**0.3932**		**2,138.1083**

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**

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	1.4009	12.6501	11.8797	0.0225		0.6243	0.6243		0.5976	0.5976	0.0000	2,128.2794	2,128.2794	0.3932		2,138.1083
Total	**1.4009**	**12.6501**	**11.8797**	**0.0225**		**0.6243**	**0.6243**		**0.5976**	**0.5976**	**0.0000**	**2,128.2794**	**2,128.2794**	**0.3932**		**2,138.1083**

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**

3.6 Foundations - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3136	11.6928	11.7964	0.0225		0.5519	0.5519		0.5283	0.5283		2,128.6058	2,128.6058	0.3891		2,138.3330
Total	**1.3136**	**11.6928**	**11.7964**	**0.0225**		**0.5519**	**0.5519**		**0.5283**	**0.5283**		**2,128.6058**	**2,128.6058**	**0.3891**		**2,138.3330**

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**

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	1.3136	11.6928	11.7964	0.0225		0.5519	0.5519		0.5283	0.5283	0.0000	2,128.6058	2,128.6058	0.3891		2,138.3330
Total	**1.3136**	**11.6928**	**11.7964**	**0.0225**		**0.5519**	**0.5519**		**0.5283**	**0.5283**	**0.0000**	**2,128.6058**	**2,128.6058**	**0.3891**		**2,138.3330**

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**

3.7 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2080	20.3008	19.3889	0.0443		0.9121	0.9121		0.8705	0.8705		4,225.8629	4,225.8629	0.8944		4,248.2225
Total	**2.2080**	**20.3008**	**19.3889**	**0.0443**		**0.9121**	**0.9121**		**0.8705**	**0.8705**		**4,225.8629**	**4,225.8629**	**0.8944**		**4,248.2225**

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**

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	2.2080	20.3008	19.3889	0.0443		0.9121	0.9121		0.8705	0.8705	0.0000	4,225.8629	4,225.8629	0.8944		4,248.2225
Total	**2.2080**	**20.3008**	**19.3889**	**0.0443**		**0.9121**	**0.9121**		**0.8705**	**0.8705**	**0.0000**	**4,225.8629**	**4,225.8629**	**0.8944**		**4,248.2225**

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**

3.7 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0910	18.9186	19.2617	0.0443		0.8155	0.8155		0.7778	0.7778		4,227.9894	4,227.9894	0.8905		4,250.2510
Total	**2.0910**	**18.9186**	**19.2617**	**0.0443**		**0.8155**	**0.8155**		**0.7778**	**0.7778**		**4,227.9894**	**4,227.9894**	**0.8905**		**4,250.2510**

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**

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	2.0910	18.9186	19.2617	0.0443		0.8155	0.8155		0.7778	0.7778	0.0000	4,227.9894	4,227.9894	0.8905		4,250.2510
Total	**2.0910**	**18.9186**	**19.2617**	**0.0443**		**0.8155**	**0.8155**		**0.7778**	**0.7778**	**0.0000**	**4,227.9894**	**4,227.9894**	**0.8905**		**4,250.2510**

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**

3.7 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9812	17.6329	19.1613	0.0443		0.7279	0.7279		0.6936	0.6936		4,228.2032	4,228.2032	0.8855		4,250.3403
Total	**1.9812**	**17.6329**	**19.1613**	**0.0443**		**0.7279**	**0.7279**		**0.6936**	**0.6936**		**4,228.2032**	**4,228.2032**	**0.8855**		**4,250.3403**

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**

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	1.9812	17.6329	19.1613	0.0443		0.7279	0.7279		0.6936	0.6936	0.0000	4,228.2032	4,228.2032	0.8855		4,250.3403
Total	**1.9812**	**17.6329**	**19.1613**	**0.0443**		**0.7279**	**0.7279**		**0.6936**	**0.6936**	**0.0000**	**4,228.2032**	**4,228.2032**	**0.8855**		**4,250.3403**

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**

3.8 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4315	3.1615	3.8104	6.2400e-003		0.1711	0.1711		0.1664	0.1664		584.2352	584.2352	0.0769		586.1569
Total	**13.5402**	**3.1615**	**3.8104**	**6.2400e-003**		**0.1711**	**0.1711**		**0.1664**	**0.1664**		**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

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	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4315	3.1615	3.8104	6.2400e-003		0.1711	0.1711		0.1664	0.1664	0.0000	584.2352	584.2352	0.0769		586.1569
Total	**13.5402**	**3.1615**	**3.8104**	**6.2400e-003**		**0.1711**	**0.1711**		**0.1664**	**0.1664**	**0.0000**	**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

3.8 Architectural Coating - 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					
Archit. Coating	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4087	2.9731	3.8037	6.2400e-003		0.1495	0.1495		0.1454	0.1454		584.2352	584.2352	0.0756		586.1239
Total	**13.5173**	**2.9731**	**3.8037**	**6.2400e-003**		**0.1495**	**0.1495**		**0.1454**	**0.1454**		**584.2352**	**584.2352**	**0.0756**		**586.1239**

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**

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	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4087	2.9731	3.8037	6.2400e-003		0.1495	0.1495		0.1454	0.1454	0.0000	584.2352	584.2352	0.0756		586.1239
Total	**13.5173**	**2.9731**	**3.8037**	**6.2400e-003**		**0.1495**	**0.1495**		**0.1454**	**0.1454**	**0.0000**	**584.2352**	**584.2352**	**0.0756**		**586.1239**

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**

3.8 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3882	2.8104	3.7968	6.2400e-003		0.1298	0.1298		0.1263	0.1263		584.2352	584.2352	0.0749		586.1074
Total	**13.4968**	**2.8104**	**3.7968**	**6.2400e-003**		**0.1298**	**0.1298**		**0.1263**	**0.1263**		**584.2352**	**584.2352**	**0.0749**		**586.1074**

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**

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	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3882	2.8104	3.7968	6.2400e-003		0.1298	0.1298		0.1263	0.1263	0.0000	584.2352	584.2352	0.0749		586.1074
Total	**13.4968**	**2.8104**	**3.7968**	**6.2400e-003**		**0.1298**	**0.1298**		**0.1263**	**0.1263**	**0.0000**	**584.2352**	**584.2352**	**0.0749**		**586.1074**

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**

3.9 Paving - 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	1.5602	15.2487	16.3722	0.0341		0.6650	0.6650		0.6214	0.6214		3,271.9845	3,271.9845	0.8871		3,294.1628
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5602**	**15.2487**	**16.3722**	**0.0341**		**0.6650**	**0.6650**		**0.6214**	**0.6214**		**3,271.9845**	**3,271.9845**	**0.8871**		**3,294.1628**

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	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**

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	1.5602	15.2487	16.3722	0.0341		0.6650	0.6650		0.6214	0.6214	0.0000	3,271.9845	3,271.9845	0.8871		3,294.1628
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5602**	**15.2487**	**16.3722**	**0.0341**		**0.6650**	**0.6650**		**0.6214**	**0.6214**	**0.0000**	**3,271.9845**	**3,271.9845**	**0.8871**		**3,294.1628**

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**

Hollywood Center-Construction-West

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	41.60	1000sqft	0.10	41,600.00	0
Enclosed Parking with Elevator	837.00	Space	0.50	432,956.00	0
Other Non-Asphalt Surfaces	22.45	1000sqft	0.10	22,450.00	0
User Defined Parking	5.16	User Defined Unit	0.22	5,163.00	0
City Park	0.79	Acre	0.10	34,205.00	0
Fast Food Restaurant w/o Drive Thru	1.98	1000sqft	0.10	1,983.00	0
High Turnover (Sit Down Restaurant)	11.24	1000sqft	0.10	11,237.00	0
Apartments Mid Rise	68.00	Dwelling Unit	0.20	67,705.00	194
Condo/Townhouse High Rise	449.00	Dwelling Unit	0.50	581,464.00	1284

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see construction assumptions

Construction Phase - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment -

Trips and VMT - construction mobile emissions calculated outside of CalEEMod

Demolition -

Grading - see construction assumptions

Architectural Coating - see construction assumptions

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	27,410.00	55,738.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	82,230.00	167,213.00
tblArchitecturalCoating	ConstArea_Parking	27,634.00	26,287.00
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	398.00
tblConstructionPhase	NumDays	200.00	49.00
tblConstructionPhase	NumDays	200.00	639.00
tblConstructionPhase	NumDays	20.00	49.00
tblConstructionPhase	NumDays	4.00	279.00
tblConstructionPhase	NumDays	10.00	76.00
tblConstructionPhase	NumDays	2.00	24.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00

tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	0.00	1.92
tblGrading	AcresOfGrading	0.00	1.92
tblGrading	MaterialExported	0.00	281,370.00
tblLandUse	LandUseSquareFeet	334,800.00	432,956.00
tblLandUse	LandUseSquareFeet	0.00	5,163.00
tblLandUse	LandUseSquareFeet	34,412.40	34,205.00
tblLandUse	LandUseSquareFeet	1,980.00	1,983.00
tblLandUse	LandUseSquareFeet	11,240.00	11,237.00
tblLandUse	LandUseSquareFeet	68,000.00	67,705.00
tblLandUse	LandUseSquareFeet	449,000.00	581,464.00
tblLandUse	LotAcreage	0.96	0.10
tblLandUse	LotAcreage	7.53	0.50
tblLandUse	LotAcreage	0.52	0.10
tblLandUse	LotAcreage	0.00	0.22
tblLandUse	LotAcreage	0.79	0.10
tblLandUse	LotAcreage	0.05	0.10
tblLandUse	LotAcreage	0.26	0.10
tblLandUse	LotAcreage	1.79	0.20
tblLandUse	LotAcreage	7.02	0.50
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
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	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	HaulingTripNumber	45.00	0.00
tblTripsAndVMT	HaulingTripNumber	35,171.00	0.00
tblTripsAndVMT	VendorTripNumber	145.00	0.00
tblTripsAndVMT	VendorTripNumber	145.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	30.00	0.00
tblTripsAndVMT	WorkerTripNumber	599.00	0.00
tblTripsAndVMT	WorkerTripNumber	599.00	0.00
tblTripsAndVMT	WorkerTripNumber	120.00	0.00
tblTripsAndVMT	WorkerTripNumber	20.00	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					
2022	4.3875	39.0086	44.5316	0.0949	0.4071	1.7121	2.1192	0.0576	1.6254	1.6830	0.0000	9,072.9563	9,072.9563	2.2922	0.0000	9,130.2611
2023	15.7481	23.4623	23.1994	0.0505	0.0000	1.0832	1.0832	0.0000	1.0369	1.0369	0.0000	4,810.0981	4,810.0981	0.9713	0.0000	4,834.3795
2024	17.1684	37.1403	39.4377	0.0846	0.0000	1.6300	1.6300	0.0000	1.5446	1.5446	0.0000	8,084.2091	8,084.2091	1.8531	0.0000	8,130.5377
2025	15.4780	20.4433	22.9581	0.0505	0.0000	0.8577	0.8577	0.0000	0.8199	0.8199	0.0000	4,812.4384	4,812.4384	0.9604	0.0000	4,836.4477
Maximum	**17.1684**	**39.0086**	**44.5316**	**0.0949**	**0.4071**	**1.7121**	**2.1192**	**0.0576**	**1.6254**	**1.6830**	**0.0000**	**9,072.9563**	**9,072.9563**	**2.2922**	**0.0000**	**9,130.2611**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	4.3875	39.0086	44.5316	0.0949	0.1588	1.7121	1.8709	0.0225	1.6254	1.6478	0.0000	9,072.9563	9,072.9563	2.2922	0.0000	9,130.2611
2023	15.7481	23.4623	23.1994	0.0505	0.0000	1.0832	1.0832	0.0000	1.0369	1.0369	0.0000	4,810.0981	4,810.0981	0.9713	0.0000	4,834.3795
2024	17.1684	37.1403	39.4377	0.0846	0.0000	1.6300	1.6300	0.0000	1.5446	1.5446	0.0000	8,084.2091	8,084.2091	1.8531	0.0000	8,130.5377
2025	15.4780	20.4433	22.9581	0.0505	0.0000	0.8577	0.8577	0.0000	0.8199	0.8199	0.0000	4,812.4384	4,812.4384	0.9604	0.0000	4,836.4477
Maximum	**17.1684**	**39.0086**	**44.5316**	**0.0949**	**0.1588**	**1.7121**	**1.8709**	**0.0225**	**1.6254**	**1.6478**	**0.0000**	**9,072.9563**	**9,072.9563**	**2.2922**	**0.0000**	**9,130.2611**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**61.00**	**0.00**	**4.36**	**61.02**	**0.00**	**0.69**	**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	1/1/2022	2/26/2022	6	49	
2	Utilities/Trenching	Trenching	1/12/2022	2/1/2022	6	18	
3	Site Preparation	Site Preparation	1/29/2022	2/25/2022	6	24	
4	Grading	Grading	2/9/2022	12/30/2022	6	279	
5	Foundations	Building Construction	12/31/2022	2/26/2023	6	49	
6	Building Construction	Building Construction	2/27/2023	3/12/2025	6	639	
7	Architectural Coating	Architectural Coating	10/23/2023	1/28/2025	6	398	
8	Paving	Paving	7/3/2024	9/29/2024	6	76	

Acres of Grading (Site Preparation Phase): 1.92

Acres of Grading (Grading Phase): 1.92

Acres of Paving: 0.82

Residential Indoor: 1,314,567; Residential Outdoor: 438,189; Non-Residential Indoor: 167,213; Non-Residential Outdoor: 55,738; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Air Compressors	1	8.00	78	0.48
Demolition	Concrete/Industrial Saws	2	8.00	81	0.73
Demolition	Dumpers/Tenders	1	8.00	16	0.38
Demolition	Excavators	1	8.00	158	0.38
Demolition	Generator Sets	1	8.00	84	0.74
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Demolition	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Utilities/Trenching	Air Compressors	1	8.00	78	0.48
Utilities/Trenching	Concrete/Industrial Saws	1	8.00	81	0.73
Utilities/Trenching	Cranes	1	8.00	231	0.29
Utilities/Trenching	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Graders	0	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	0	7.00	247	0.40
Site Preparation	Rubber Tired Loaders	1	8.00	203	0.36
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	221	0.50
Grading	Dumpers/Tenders	2	8.00	16	0.38
Grading	Excavators	4	8.00	158	0.38
Grading	Graders	0	6.00	187	0.41
Grading	Plate Compactors	2	8.00	8	0.43
Grading	Rubber Tired Dozers	0	6.00	247	0.40
Grading	Rubber Tired Loaders	2	8.00	203	0.36
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Air Compressors	1	8.00	78	0.48
Foundations	Cranes	1	8.00	231	0.29
Foundations	Dumpers/Tenders	2	8.00	16	0.38
Foundations	Forklifts	1	8.00	89	0.20
Foundations	Generator Sets	1	8.00	84	0.74
Foundations	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Welders	0	8.00	46	0.45
Building Construction	Air Compressors	1	8.00	78	0.48
Building Construction	Bore/Drill Rigs	1	8.00	221	0.50
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Dumpers/Tenders	2	8.00	16	0.38
Building Construction	Forklifts	1	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74

Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48
Architectural Coating	Dumpers/Tenders	1	8.00	16	0.38
Architectural Coating	Forklifts	1	8.00	89	0.20
Paving	Cement and Mortar Mixers	0	6.00	9	0.56
Paving	Concrete/Industrial Saws	1	8.00	81	0.73
Paving	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Plate Compactors	1	8.00	8	0.43
Paving	Rollers	1	8.00	80	0.38
Paving	Surfacing Equipment	1	8.00	263	0.30
Paving	Sweepers/Scrubbers	1	8.00	64	0.46
Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Utilities/Trenching	4	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	12	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Foundations	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	10	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2009	0.0000	0.2009	0.0304	0.0000	0.0304			0.0000			0.0000
Off-Road	1.8854	15.6750	18.4606	0.0352		0.7610	0.7610		0.7460	0.7460		3,350.2478	3,350.2478	0.4828		3,362.3186
Total	**1.8854**	**15.6750**	**18.4606**	**0.0352**	**0.2009**	**0.7610**	**0.9619**	**0.0304**	**0.7460**	**0.7764**		**3,350.2478**	**3,350.2478**	**0.4828**		**3,362.3186**

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**

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					0.0784	0.0000	0.0784	0.0119	0.0000	0.0119			0.0000			0.0000
Off-Road	1.8854	15.6750	18.4606	0.0352		0.7610	0.7610		0.7460	0.7460	0.0000	3,350.2478	3,350.2478	0.4828		3,362.3186
Total	**1.8854**	**15.6750**	**18.4606**	**0.0352**	**0.0784**	**0.7610**	**0.8393**	**0.0119**	**0.7460**	**0.7578**	**0.0000**	**3,350.2478**	**3,350.2478**	**0.4828**		**3,362.3186**

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**

3.3 Utilities/Trenching - 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	1.1681	10.5391	10.2131	0.0191		0.5230	0.5230		0.5019	0.5019		1,827.9980	1,827.9980	0.3349		1,836.3711
Total	**1.1681**	**10.5391**	**10.2131**	**0.0191**		**0.5230**	**0.5230**		**0.5019**	**0.5019**		**1,827.9980**	**1,827.9980**	**0.3349**		**1,836.3711**

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**

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	1.1681	10.5391	10.2131	0.0191		0.5230	0.5230		0.5019	0.5019	0.0000	1,827.9980	1,827.9980	0.3349		1,836.3711
Total	**1.1681**	**10.5391**	**10.2131**	**0.0191**		**0.5230**	**0.5230**		**0.5019**	**0.5019**	**0.0000**	**1,827.9980**	**1,827.9980**	**0.3349**		**1,836.3711**

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**

3.4 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0848	0.0000	0.0848	9.1600e-003	0.0000	9.1600e-003			0.0000			0.0000
Off-Road	0.4938	4.8020	4.7864	0.0114		0.1874	0.1874		0.1724	0.1724		1,105.6796	1,105.6796	0.3576		1,114.6196
Total	**0.4938**	**4.8020**	**4.7864**	**0.0114**	**0.0848**	**0.1874**	**0.2722**	**9.1600e-003**	**0.1724**	**0.1816**		**1,105.6796**	**1,105.6796**	**0.3576**		**1,114.6196**

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**

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					0.0331	0.0000	0.0331	3.5700e-003	0.0000	3.5700e-003			0.0000			0.0000
Off-Road	0.4938	4.8020	4.7864	0.0114		0.1874	0.1874		0.1724	0.1724	0.0000	1,105.6796	1,105.6796	0.3576		1,114.6196
Total	**0.4938**	**4.8020**	**4.7864**	**0.0114**	**0.0331**	**0.1874**	**0.2205**	**3.5700e-003**	**0.1724**	**0.1760**	**0.0000**	**1,105.6796**	**1,105.6796**	**0.3576**		**1,114.6196**

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**

3.5 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1214	0.0000	0.1214	0.0181	0.0000	0.0181			0.0000			0.0000
Off-Road	2.0084	18.5316	21.2847	0.0482		0.7637	0.7637		0.7070	0.7070		4,617.0289	4,617.0289	1.4518		4,653.3229
Total	**2.0084**	**18.5316**	**21.2847**	**0.0482**	**0.1214**	**0.7637**	**0.8851**	**0.0181**	**0.7070**	**0.7251**		**4,617.0289**	**4,617.0289**	**1.4518**		**4,653.3229**

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**

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					0.0473	0.0000	0.0473	7.0400e-003	0.0000	7.0400e-003			0.0000			0.0000
Off-Road	2.0084	18.5316	21.2847	0.0482		0.7637	0.7637		0.7070	0.7070	0.0000	4,617.0289	4,617.0289	1.4518		4,653.3229
Total	**2.0084**	**18.5316**	**21.2847**	**0.0482**	**0.0473**	**0.7637**	**0.8111**	**7.0400e-003**	**0.7070**	**0.7140**	**0.0000**	**4,617.0289**	**4,617.0289**	**1.4518**		**4,653.3229**

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**

3.6 Foundations - 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	1.4009	12.6501	11.8797	0.0225		0.6243	0.6243		0.5976	0.5976		2,128.2794	2,128.2794	0.3932		2,138.1083
Total	**1.4009**	**12.6501**	**11.8797**	**0.0225**		**0.6243**	**0.6243**		**0.5976**	**0.5976**		**2,128.2794**	**2,128.2794**	**0.3932**		**2,138.1083**

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**

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	1.4009	12.6501	11.8797	0.0225		0.6243	0.6243		0.5976	0.5976	0.0000	2,128.2794	2,128.2794	0.3932		2,138.1083
Total	**1.4009**	**12.6501**	**11.8797**	**0.0225**		**0.6243**	**0.6243**		**0.5976**	**0.5976**	**0.0000**	**2,128.2794**	**2,128.2794**	**0.3932**		**2,138.1083**

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**

3.6 Foundations - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3136	11.6928	11.7964	0.0225		0.5519	0.5519		0.5283	0.5283		2,128.6058	2,128.6058	0.3891		2,138.3330
Total	**1.3136**	**11.6928**	**11.7964**	**0.0225**		**0.5519**	**0.5519**		**0.5283**	**0.5283**		**2,128.6058**	**2,128.6058**	**0.3891**		**2,138.3330**

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**

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	1.3136	11.6928	11.7964	0.0225		0.5519	0.5519		0.5283	0.5283	0.0000	2,128.6058	2,128.6058	0.3891		2,138.3330
Total	**1.3136**	**11.6928**	**11.7964**	**0.0225**		**0.5519**	**0.5519**		**0.5283**	**0.5283**	**0.0000**	**2,128.6058**	**2,128.6058**	**0.3891**		**2,138.3330**

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**

3.7 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2080	20.3008	19.3889	0.0443		0.9121	0.9121		0.8705	0.8705		4,225.8629	4,225.8629	0.8944		4,248.2225
Total	**2.2080**	**20.3008**	**19.3889**	**0.0443**		**0.9121**	**0.9121**		**0.8705**	**0.8705**		**4,225.8629**	**4,225.8629**	**0.8944**		**4,248.2225**

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**

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	2.2080	20.3008	19.3889	0.0443		0.9121	0.9121		0.8705	0.8705	0.0000	4,225.8629	4,225.8629	0.8944		4,248.2225
Total	**2.2080**	**20.3008**	**19.3889**	**0.0443**		**0.9121**	**0.9121**		**0.8705**	**0.8705**	**0.0000**	**4,225.8629**	**4,225.8629**	**0.8944**		**4,248.2225**

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**

3.7 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0910	18.9186	19.2617	0.0443		0.8155	0.8155		0.7778	0.7778		4,227.9894	4,227.9894	0.8905		4,250.2510
Total	**2.0910**	**18.9186**	**19.2617**	**0.0443**		**0.8155**	**0.8155**		**0.7778**	**0.7778**		**4,227.9894**	**4,227.9894**	**0.8905**		**4,250.2510**

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**

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	2.0910	18.9186	19.2617	0.0443		0.8155	0.8155		0.7778	0.7778	0.0000	4,227.9894	4,227.9894	0.8905		4,250.2510
Total	**2.0910**	**18.9186**	**19.2617**	**0.0443**		**0.8155**	**0.8155**		**0.7778**	**0.7778**	**0.0000**	**4,227.9894**	**4,227.9894**	**0.8905**		**4,250.2510**

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**

3.7 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9812	17.6329	19.1613	0.0443		0.7279	0.7279		0.6936	0.6936		4,228.2032	4,228.2032	0.8855		4,250.3403
Total	**1.9812**	**17.6329**	**19.1613**	**0.0443**		**0.7279**	**0.7279**		**0.6936**	**0.6936**		**4,228.2032**	**4,228.2032**	**0.8855**		**4,250.3403**

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**

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	1.9812	17.6329	19.1613	0.0443		0.7279	0.7279		0.6936	0.6936	0.0000	4,228.2032	4,228.2032	0.8855		4,250.3403
Total	**1.9812**	**17.6329**	**19.1613**	**0.0443**		**0.7279**	**0.7279**		**0.6936**	**0.6936**	**0.0000**	**4,228.2032**	**4,228.2032**	**0.8855**		**4,250.3403**

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**

3.8 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4315	3.1615	3.8104	6.2400e-003		0.1711	0.1711		0.1664	0.1664		584.2352	584.2352	0.0769		586.1569
Total	**13.5402**	**3.1615**	**3.8104**	**6.2400e-003**		**0.1711**	**0.1711**		**0.1664**	**0.1664**		**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

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	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4315	3.1615	3.8104	6.2400e-003		0.1711	0.1711		0.1664	0.1664	0.0000	584.2352	584.2352	0.0769		586.1569
Total	**13.5402**	**3.1615**	**3.8104**	**6.2400e-003**		**0.1711**	**0.1711**		**0.1664**	**0.1664**	**0.0000**	**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

3.8 Architectural Coating - 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					
Archit. Coating	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4087	2.9731	3.8037	6.2400e-003		0.1495	0.1495		0.1454	0.1454		584.2352	584.2352	0.0756		586.1239
Total	**13.5173**	**2.9731**	**3.8037**	**6.2400e-003**		**0.1495**	**0.1495**		**0.1454**	**0.1454**		**584.2352**	**584.2352**	**0.0756**		**586.1239**

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**

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	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4087	2.9731	3.8037	6.2400e-003		0.1495	0.1495		0.1454	0.1454	0.0000	584.2352	584.2352	0.0756		586.1239
Total	**13.5173**	**2.9731**	**3.8037**	**6.2400e-003**		**0.1495**	**0.1495**		**0.1454**	**0.1454**	**0.0000**	**584.2352**	**584.2352**	**0.0756**		**586.1239**

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**

3.8 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3882	2.8104	3.7968	6.2400e-003		0.1298	0.1298		0.1263	0.1263		584.2352	584.2352	0.0749		586.1074
Total	**13.4968**	**2.8104**	**3.7968**	**6.2400e-003**		**0.1298**	**0.1298**		**0.1263**	**0.1263**		**584.2352**	**584.2352**	**0.0749**		**586.1074**

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**

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	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3882	2.8104	3.7968	6.2400e-003		0.1298	0.1298		0.1263	0.1263	0.0000	584.2352	584.2352	0.0749		586.1074
Total	**13.4968**	**2.8104**	**3.7968**	**6.2400e-003**		**0.1298**	**0.1298**		**0.1263**	**0.1263**	**0.0000**	**584.2352**	**584.2352**	**0.0749**		**586.1074**

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**

3.9 Paving - 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	1.5602	15.2487	16.3722	0.0341		0.6650	0.6650		0.6214	0.6214		3,271.9845	3,271.9845	0.8871		3,294.1628
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5602**	**15.2487**	**16.3722**	**0.0341**		**0.6650**	**0.6650**		**0.6214**	**0.6214**		**3,271.9845**	**3,271.9845**	**0.8871**		**3,294.1628**

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	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**

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	1.5602	15.2487	16.3722	0.0341		0.6650	0.6650		0.6214	0.6214	0.0000	3,271.9845	3,271.9845	0.8871		3,294.1628
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5602**	**15.2487**	**16.3722**	**0.0341**		**0.6650**	**0.6650**		**0.6214**	**0.6214**	**0.0000**	**3,271.9845**	**3,271.9845**	**0.8871**		**3,294.1628**

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**

Hollywood Center-West-Pumps

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Condo/Townhouse High Rise	449.00	Dwelling Unit	0.50	581,464.00	1284

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see construction assumptions

Construction Phase - see construction assumptions

Off-road Equipment - see construction assumptions

Trips and VMT - see construction assumptions

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15

tblConstructionPhase	NumDays	100.00	1.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	PhaseEndDate	5/20/2022	12/31/2022
tblConstructionPhase	PhaseStartDate	1/1/2022	12/31/2022
tblLandUse	LandUseSquareFeet	449,000.00	581,464.00
tblLandUse	LotAcreage	7.02	0.50
tblOffRoadEquipment	OffRoadEquipmentType		Pumps
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblTripsAndVMT	VendorTripNumber	48.00	0.00
tblTripsAndVMT	WorkerTripNumber	323.00	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					
2022	1.2317	10.3909	13.0615	0.0230	0.0000	0.5449	0.5449	0.0000	0.5449	0.5449	0.0000	2,180.6210	2,180.6210	0.1113	0.0000	2,183.4029
Maximum	**1.2317**	**10.3909**	**13.0615**	**0.0230**	**0.0000**	**0.5449**	**0.5449**	**0.0000**	**0.5449**	**0.5449**	**0.0000**	**2,180.6210**	**2,180.6210**	**0.1113**	**0.0000**	**2,183.4029**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	1.2317	10.3909	13.0615	0.0230	0.0000	0.5449	0.5449	0.0000	0.5449	0.5449	0.0000	2,180.6210	2,180.6210	0.1113	0.0000	2,183.4029
Maximum	**1.2317**	**10.3909**	**13.0615**	**0.0230**	**0.0000**	**0.5449**	**0.5449**	**0.0000**	**0.5449**	**0.5449**	**0.0000**	**2,180.6210**	**2,180.6210**	**0.1113**	**0.0000**	**2,183.4029**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	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	Foundations	Building Construction	12/31/2022	12/31/2022	6	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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
Foundations	Pumps	2	14.00	84	0.74

Foundations	Cranes	0	4.00	231	0.29
Foundations	Forklifts	0	6.00	89	0.20
Foundations	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Foundations	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Foundations - 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	1.2317	10.3909	13.0615	0.0230		0.5449	0.5449		0.5449	0.5449		2,180.6210	2,180.6210	0.1113		2,183.4029
Total	**1.2317**	**10.3909**	**13.0615**	**0.0230**		**0.5449**	**0.5449**		**0.5449**	**0.5449**		**2,180.6210**	**2,180.6210**	**0.1113**		**2,183.4029**

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**

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	1.2317	10.3909	13.0615	0.0230		0.5449	0.5449		0.5449	0.5449	0.0000	2,180.6210	2,180.6210	0.1113		2,183.4029
Total	**1.2317**	**10.3909**	**13.0615**	**0.0230**		**0.5449**	**0.5449**		**0.5449**	**0.5449**	**0.0000**	**2,180.6210**	**2,180.6210**	**0.1113**		**2,183.4029**

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**

Hollywood Center-West-Pumps

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Condo/Townhouse High Rise	449.00	Dwelling Unit	0.50	581,464.00	1284

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see construction assumptions

Construction Phase - see construction assumptions

Off-road Equipment - see construction assumptions

Trips and VMT - see construction assumptions

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15

tblConstructionPhase	NumDays	100.00	1.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	PhaseEndDate	5/20/2022	12/31/2022
tblConstructionPhase	PhaseStartDate	1/1/2022	12/31/2022
tblLandUse	LandUseSquareFeet	449,000.00	581,464.00
tblLandUse	LotAcreage	7.02	0.50
tblOffRoadEquipment	OffRoadEquipmentType		Pumps
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblTripsAndVMT	VendorTripNumber	48.00	0.00
tblTripsAndVMT	WorkerTripNumber	323.00	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					
2022	1.2317	10.3909	13.0615	0.0230	0.0000	0.5449	0.5449	0.0000	0.5449	0.5449	0.0000	2,180.6210	2,180.6210	0.1113	0.0000	2,183.4029
Maximum	**1.2317**	**10.3909**	**13.0615**	**0.0230**	**0.0000**	**0.5449**	**0.5449**	**0.0000**	**0.5449**	**0.5449**	**0.0000**	**2,180.6210**	**2,180.6210**	**0.1113**	**0.0000**	**2,183.4029**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	1.2317	10.3909	13.0615	0.0230	0.0000	0.5449	0.5449	0.0000	0.5449	0.5449	0.0000	2,180.6210	2,180.6210	0.1113	0.0000	2,183.4029
Maximum	**1.2317**	**10.3909**	**13.0615**	**0.0230**	**0.0000**	**0.5449**	**0.5449**	**0.0000**	**0.5449**	**0.5449**	**0.0000**	**2,180.6210**	**2,180.6210**	**0.1113**	**0.0000**	**2,183.4029**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	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	Foundations	Building Construction	12/31/2022	12/31/2022	6	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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
Foundations	Pumps	2	14.00	84	0.74
Foundations	Cranes	0	4.00	231	0.29

Foundations	Forklifts	0	6.00	89	0.20
Foundations	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Foundations	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Foundations - 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	1.2317	10.3909	13.0615	0.0230		0.5449	0.5449		0.5449	0.5449		2,180.6210	2,180.6210	0.1113		2,183.4029
Total	**1.2317**	**10.3909**	**13.0615**	**0.0230**		**0.5449**	**0.5449**		**0.5449**	**0.5449**		**2,180.6210**	**2,180.6210**	**0.1113**		**2,183.4029**

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**

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	1.2317	10.3909	13.0615	0.0230		0.5449	0.5449		0.5449	0.5449	0.0000	2,180.6210	2,180.6210	0.1113		2,183.4029
Total	**1.2317**	**10.3909**	**13.0615**	**0.0230**		**0.5449**	**0.5449**		**0.5449**	**0.5449**	**0.0000**	**2,180.6210**	**2,180.6210**	**0.1113**		**2,183.4029**

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**

Hollywood Center
On-Road Soil/Material Haul Truck Regional Emissions
Construction - East Site First Scenario

Truck Total Emissions

Construction Phase	Source	Year	Daily One-Way Truck Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5
West Site																
Demolition	T7 - Single Construction	2022	66	2	8	30	0.3901	15.1173	2.3761	0.0614	1.7355	0.1370	1.8725	0.4761	0.1310	0.6071
Grading/Excavation	T7 - Single Construction	2022	192	209	8	30	1.1350	43.9776	6.9124	0.1786	5.0488	0.3984	5.4473	1.3849	0.3812	1.7661
Foundations/Concrete Pour (Revised) [MHW104	T7 - Single Construction	2022														
Shoring Wall	T7 - Single Construction	2022	20	1	8	7.5	0.0453	1.3577	0.3946	0.0050	0.1315	0.0105	0.1420	0.0361	0.0101	0.0461
Shoring Wall	T7 - Single Construction	2023	20	18	8	7.5	0.0275	0.9805	0.3659	0.0048	0.1315	0.0050	0.1365	0.0361	0.0048	0.0409
Cast in Drilled Hole Foundation	T7 - Single Construction	2022	4	1	8	7.5	0.0091	0.2715	0.0789	0.0010	0.0263	0.0021	0.0284	0.0072	0.0020	0.0092
Cast in Drilled Hole Foundation	T7 - Single Construction	2023	4	40	8	7.5	0.0055	0.1961	0.0732	0.0010	0.0263	0.0010	0.0273	0.0072	0.0010	0.0082
Mat Foundation (Continuous Pour)	T7 - Single Construction	2023	188	1	14	7.5	0.2585	9.2164	3.4393	0.0451	1.2359	0.0471	1.2830	0.3390	0.0450	0.3840
Column Footings	T7 - Single Construction	2023	42	4	8	7.5	0.0578	2.0590	0.7684	0.0101	0.2761	0.0105	0.2866	0.0757	0.0101	0.0858
Building Construction (Revised) [Starting with MI	T7 - Single Construction	2023														
Structure Equipment Garage	T7 - Single Construction	2023	84	52	8	7.5	0.1155	4.1180	1.5367	0.0202	0.5522	0.0210	0.5732	0.1515	0.0201	0.1716
Structure Equipment Tower	T7 - Single Construction	2023	42	42	8	7.5	0.0578	2.0590	0.7684	0.0101	0.2761	0.0105	0.2866	0.0757	0.0101	0.0858
Structure Equipment Affordable	T7 - Single Construction	2023	48	22	8	7.5	0.0660	2.3531	0.8781	0.0115	0.3156	0.0120	0.3276	0.0866	0.0115	0.0981
Retail	T7 - Single Construction	2023	28	2	8	7.5	0.0385	1.3727	0.5122	0.0067	0.1841	0.0070	0.1911	0.0505	0.0067	0.0572
East Site																
Site Preparation	T7 - Single Construction	2021	52	2	8	30	0.6302	16.9952	2.8982	0.0505	1.3674	0.3030	1.6704	0.3751	0.2899	0.6650
Grading/Excavation	T7 - Single Construction	2021	192	194	8	30	2.3267	62.7514	10.7012	0.1866	5.0488	1.1188	6.1677	1.3849	1.0704	2.4553
Foundations/Concrete Pour (Revised) [MHE104:	T7 - Single Construction	2021														
Shoring Wall	T7 - Single Construction	2021	20	16	8	7.5	0.0762	1.8591	0.4775	0.0052	0.1315	0.0295	0.1609	0.0361	0.0282	0.0642
Cast in Drilled Hole Foundation	T7 - Single Construction	2021	4	30	8	7.5	0.0152	0.3718	0.0955	0.0010	0.0263	0.0059	0.0322	0.0072	0.0056	0.0128
Mat Foundation (Continuous Pour)	T7 - Single Construction	2021	142	1	11	7.5	0.5414	13.1995	3.3903	0.0371	0.9335	0.2091	1.1427	0.2561	0.2001	0.4562
Column Footings	T7 - Single Construction	2021	42	4	8	7.5	0.1601	3.9041	1.0028	0.0110	0.2761	0.0619	0.3380	0.0757	0.0592	0.1349
Building Construction (Revised) [Starting with MI	T7 - Single Construction	2022														
Structure Equipment Garage	T7 - Single Construction	2022	88	58	8	7.5	0.1992	5.9738	1.7361	0.0222	0.5785	0.0462	0.6247	0.1587	0.0442	0.2029
Structure Equipment Tower	T7 - Single Construction	2022	40	82	8	7.5	0.0905	2.7154	0.7891	0.0101	0.2630	0.0210	0.2840	0.0721	0.0201	0.0922
Structure Equipment Affordable	T7 - Single Construction	2022	36	18	8	7.5	0.0815	2.4438	0.7102	0.0091	0.2367	0.0189	0.2556	0.0649	0.0181	0.0830
Retail	T7 - Single Construction	2022	60	3	8	7.5	0.1358	4.0730	1.1837	0.0151	0.3944	0.0315	0.4260	0.1082	0.0302	0.1383

Source: Based on AECOM Tishman, 2018; Millennium Partners, 2018; ESA, 2020

Hollywood Center
On-Road Soil/Material Haul Truck Regional Emissions
Construction - East Site First Scenario

On-Road Truck Regional Running Emissions

Construction Phase	Source	Year	Daily One-Way Truck Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Running Emissions Factor (grams/mile)						Regional Emissions (pounds/day)					
							ROG	NOX	CO	SO2	PM10	PM2.5	ROG	NOX	CO	SO2	PM10	PM2.5
West Site																		
Demolition	T7 - Single Construction	2022	66	2	8	30	0.0735	3.2491	0.3281	0.0137	0.0312	0.0299	0.321	14.183	1.432	0.060	0.136	0.130
Grading/Excavation	T7 - Single Construction	2022	192	209	8	30	0.0735	3.2491	0.3281	0.0137	0.0312	0.0299	0.934	41.259	4.166	0.174	0.397	0.380
Foundations/Concrete Pour (Revised) [MH	T7 - Single Construction	2022																
Shoring Wall	T7 - Single Construction	2022	20	1	8	7.5	0.0735	3.2491	0.3281	0.0137	0.0312	0.0299	0.024	1.074	0.108	0.005	0.010	0.010
Shoring Wall	T7 - Single Construction	2023	20	18	9	7.5	0.0201	2.2051	0.1781	0.0130	0.0148	0.0142	0.007	0.729	0.059	0.004	0.005	0.005
Cast in Drilled Hole Foundation	T7 - Single Construction	2022	4	1	8	7.5	0.0735	3.2491	0.3281	0.0137	0.0312	0.0299	0.005	0.215	0.022	0.001	0.002	0.002
Cast in Drilled Hole Foundation	T7 - Single Construction	2023	4	40	9	7.5	0.0201	2.2051	0.1781	0.0130	0.0148	0.0142	0.001	0.146	0.012	0.001	0.001	0.001
Mat Foundation (Continuous Pour)	T7 - Single Construction	2023	188	1	14	7.5	0.0201	2.2051	0.1781	0.0130	0.0148	0.0142	0.063	6.855	0.554	0.040	0.046	0.044
Column Footings	T7 - Single Construction	2023	42	4	8	7.5	0.0201	2.2051	0.1781	0.0130	0.0148	0.0142	0.014	1.531	0.124	0.009	0.010	0.010
Building Construction (Revised) [Starting w	T7 - Single Construction	2023																
Structure Equipment Garage	T7 - Single Construction	2023	84	52	8	7.5	0.0201	2.2051	0.1781	0.0130	0.0148	0.0142	0.028	3.063	0.247	0.018	0.021	0.020
Structure Equipment Tower	T7 - Single Construction	2023	42	42	8	7.5	0.0201	2.2051	0.1781	0.0130	0.0148	0.0142	0.014	1.531	0.124	0.009	0.010	0.010
Structure Equipment Affordable	T7 - Single Construction	2023	48	22	8	7.5	0.0201	2.2051	0.1781	0.0130	0.0148	0.0142	0.016	1.750	0.141	0.010	0.012	0.011
Retail	T7 - Single Construction	2023	28	2	8	7.5	0.0201	2.2051	0.1781	0.0130	0.0148	0.0142	0.009	1.021	0.082	0.006	0.007	0.007
East Site																		
Site Preparation	T7 - Single Construction	2021	52	2	8	30	0.1674	4.7149	0.6423	0.0143	0.0878	0.0840	0.576	16.215	2.209	0.049	0.302	0.289
Grading/Excavation	T7 - Single Construction	2021	192	194	8	30	0.1674	4.7149	0.6423	0.0143	0.0878	0.0840	2.126	59.872	8.156	0.182	1.115	1.066
Foundations/Concrete Pour (Revised) [MH	T7 - Single Construction	2021																
Shoring Wall	T7 - Single Construction	2021	20	16	8	7.5	0.1674	4.7149	0.6423	0.0143	0.0878	0.0840	0.055	1.559	0.212	0.005	0.029	0.028
Cast in Drilled Hole Foundation	T7 - Single Construction	2021	4	30	8	7.5	0.1674	4.7149	0.6423	0.0143	0.0878	0.0840	0.011	0.312	0.042	0.001	0.006	0.006
Mat Foundation (Continuous Pour)	T7 - Single Construction	2021	142	1	11	7.5	0.1674	4.7149	0.6423	0.0143	0.0878	0.0840	0.393	11.070	1.508	0.034	0.206	0.197
Column Footings	T7 - Single Construction	2021	42	4	8	7.5	0.1674	4.7149	0.6423	0.0143	0.0878	0.0840	0.116	3.274	0.446	0.010	0.061	0.058
Building Construction (Revised) [Starting w	T7 - Single Construction	2022																
Structure Equipment Garage	T7 - Single Construction	2022	88	58	8	7.5	0.0735	3.2491	0.3281	0.0137	0.0312	0.0299	0.107	4.728	0.477	0.020	0.045	0.043
Structure Equipment Tower	T7 - Single Construction	2022	40	82	8	7.5	0.0735	3.2491	0.3281	0.0137	0.0312	0.0299	0.049	2.149	0.217	0.009	0.021	0.020
Structure Equipment Affordable	T7 - Single Construction	2022	36	18	8	7.5	0.0735	3.2491	0.3281	0.0137	0.0312	0.0299	0.044	1.934	0.195	0.008	0.019	0.018
Retail	T7 - Single Construction	2022	60	3	8	7.5	0.0735	3.2491	0.3281	0.0137	0.0312	0.0299	0.073	3.223	0.325	0.014	0.031	0.030

Source: Based on AECOM Tishman, 2018; Millennium Partners, 2018; ESA, 2020

Hollywood Center
On-Road Soil/Material Haul Truck Regional Emissions
Construction - East Site First Scenario

On-Road Truck Fugitive Dust Emissions

Construction Phase	Source	Year	Daily One-Way Truck Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Running Emissions Factor (grams/mile)						Regional Emissions (pounds/day)					
							PM10 RD	PM10 BW	PM10 TW	PM2.5 RD	PM2.5 BW	PM2.5 TW	PM10 RD	PM10 BW	PM10 TW	PM2.5 RD	PM2.5 BW	PM2.5 TW
West Site																		
Demolition	T7 - Single Construction	2022	66	2	8	30	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	1.309	0.270	0.157	0.321	0.116	0.039
Grading/Excavation	T7 - Single Construction	2022	192	209	8	30	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	3.808	0.784	0.457	0.935	0.336	0.114
Foundations/Concrete Pour (Revised) [MH	T7 - Single Construction	2022																
Shoring Wall	T7 - Single Construction	2022	20	1	8	7.5	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	0.099	0.020	0.012	0.024	0.009	0.003
Shoring Wall	T7 - Single Construction	2023	20	18	9	7.5	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	0.099	0.020	0.012	0.024	0.009	0.003
Cast in Drilled Hole Foundation	T7 - Single Construction	2022	4	1	8	7.5	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	0.020	0.004	0.002	0.005	0.002	0.001
Cast in Drilled Hole Foundation	T7 - Single Construction	2023	4	40	9	7.5	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	0.020	0.004	0.002	0.005	0.002	0.001
Mat Foundation (Continuous Pour)	T7 - Single Construction	2023	188	1	14	7.5	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	0.932	0.192	0.112	0.229	0.082	0.028
Column Footings	T7 - Single Construction	2023	42	4	8	7.5	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	0.208	0.043	0.025	0.051	0.018	0.006
Building Construction (Revised) [Starting w	T7 - Single Construction	2023																
Structure Equipment Garage	T7 - Single Construction	2023	84	52	8	7.5	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	0.416	0.086	0.050	0.102	0.037	0.013
Structure Equipment Tower	T7 - Single Construction	2023	42	42	8	7.5	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	0.208	0.043	0.025	0.051	0.018	0.006
Structure Equipment Affordable	T7 - Single Construction	2023	48	22	8	7.5	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	0.238	0.049	0.029	0.058	0.021	0.007
Retail	T7 - Single Construction	2023	28	2	8	7.5	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	0.139	0.029	0.017	0.034	0.012	0.004
East Site																		
Site Preparation	T7 - Single Construction	2021	52	2	8	30	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	1.031	0.212	0.124	0.253	0.091	0.031
Grading/Excavation	T7 - Single Construction	2021	192	194	8	30	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	3.808	0.784	0.457	0.935	0.336	0.114
Foundations/Concrete Pour (Revised) [MH	T7 - Single Construction	2021																
Shoring Wall	T7 - Single Construction	2021	20	16	8	7.5	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	0.099	0.020	0.012	0.024	0.009	0.003
Cast in Drilled Hole Foundation	T7 - Single Construction	2021	4	30	8	7.5	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	0.020	0.004	0.002	0.005	0.002	0.001
Mat Foundation (Continuous Pour)	T7 - Single Construction	2021	142	1	11	7.5	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	0.704	0.145	0.085	0.173	0.062	0.021
Column Footings	T7 - Single Construction	2021	42	4	8	7.5	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	0.208	0.043	0.025	0.051	0.018	0.006
Building Construction (Revised) [Starting w	T7 - Single Construction	2022																
Structure Equipment Garage	T7 - Single Construction	2022	88	58	8	7.5	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	0.436	0.090	0.052	0.107	0.039	0.013
Structure Equipment Tower	T7 - Single Construction	2022	40	82	8	7.5	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	0.198	0.041	0.024	0.049	0.018	0.006
Structure Equipment Affordable	T7 - Single Construction	2022	36	18	8	7.5	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	0.178	0.037	0.021	0.044	0.016	0.005
Retail	T7 - Single Construction	2022	60	3	8	7.5	0.2998	0.0617	0.0360	0.0736	0.0265	0.0090	0.297	0.061	0.036	0.073	0.026	0.009

Source: Based on AECOM Tishman, 2018; Millennium Partners, 2018; ESA, 2020

Hollywood Center
On-Road Soil/Material Haul Truck Regional Emissions
Construction - East Site First Scenario

On-Road Truck Idling Emissions

Construction Phase	Source	Year	Daily One-Way Truck Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling Time per Truck (minutes)	Idling Emissions Factor (grams/min)						Regional Emissions (pounds/day)					
							ROG	NOX	CO	SO2	PM10	PM2.5	ROG	NOX	CO	SO2	PM10	PM2.5
West Site																		
Demolition	T7 - Single Construction	2022	66	2	8	15	0.0634	0.8565	0.8651	0.0015	0.0005	0.0005	0.0692	0.9347	0.9441	0.0017	0.0006	0.0006
Grading/Excavation	T7 - Single Construction	2022	192	209	8	15	0.0634	0.8565	0.8651	0.0015	0.0005	0.0005	0.2012	2.7191	2.7463	0.0049	0.0017	0.0016
Foundations/Concrete Pour (Revised) [MH	T7 - Single Construction	2022																
Shoring Wall	T7 - Single Construction	2022	20	1	8	15	0.0634	0.8565	0.8651	0.0015	0.0005	0.0005	0.0210	0.2832	0.2861	0.0005	0.0002	0.0002
Shoring Wall	T7 - Single Construction	2023	20	18	8	15	0.0631	0.7598	0.9283	0.0015	0.0003	0.0003	0.0209	0.2513	0.3070	0.0005	0.0001	0.0001
Cast in Drilled Hole Foundation	T7 - Single Construction	2022	4	1	8	15	0.0634	0.8565	0.8651	0.0015	0.0005	0.0005	0.0042	0.0566	0.0572	0.0001	0.00003	0.00003
Cast in Drilled Hole Foundation	T7 - Single Construction	2023	4	40	8	15	0.0631	0.7598	0.9283	0.0015	0.0003	0.0003	0.0042	0.0503	0.0614	0.0001	0.00002	0.00002
Mat Foundation (Continuous Pour)	T7 - Single Construction	2023	188	1	14	15	0.0631	0.7598	0.9283	0.0015	0.0003	0.0003	0.1960	2.3618	2.8856	0.0047	0.0010	0.0009
Column Footings	T7 - Single Construction	2023	42	4	8	15	0.0631	0.7598	0.9283	0.0015	0.0003	0.0003	0.0438	0.5276	0.6447	0.0010	0.0002	0.0002
Building Construction (Revised) [Starting w	T7 - Single Construction	2023																
Structure Equipment Garage	T7 - Single Construction	2023	84	52	8	15	0.0631	0.7598	0.9283	0.0015	0.0003	0.0003	0.0876	1.0553	1.2893	0.0021	0.0004	0.0004
Structure Equipment Tower	T7 - Single Construction	2023	42	42	8	15	0.0631	0.7598	0.9283	0.0015	0.0003	0.0003	0.0438	0.5276	0.6447	0.0010	0.0002	0.0002
Structure Equipment Affordable	T7 - Single Construction	2023	48	22	8	15	0.0631	0.7598	0.9283	0.0015	0.0003	0.0003	0.0500	0.6030	0.7368	0.0012	0.0002	0.0002
Retail	T7 - Single Construction	2023	28	2	8	15	0.0631	0.7598	0.9283	0.0015	0.0003	0.0003	0.0292	0.3518	0.4298	0.0007	0.0001	0.0001
East Site																		
Site Preparation	T7 - Single Construction	2021	52	2	8	15	0.0631	0.9069	0.8017	0.0015	0.0013	0.0012	0.0543	0.7798	0.6893	0.0013	0.0011	0.0011
Grading/Excavation	T7 - Single Construction	2021	192	194	8	15	0.0631	0.9069	0.8017	0.0015	0.0013	0.0012	0.2004	2.8791	2.5451	0.0047	0.0041	0.0039
Foundations/Concrete Pour (Revised) [MH	T7 - Single Construction	2021																
Shoring Wall	T7 - Single Construction	2021	20	16	8	15	0.0631	0.9069	0.8017	0.0015	0.0013	0.0012	0.0209	0.2999	0.2651	0.0005	0.0004	0.0004
Cast in Drilled Hole Foundation	T7 - Single Construction	2021	4	30	8	15	0.0631	0.9069	0.8017	0.0015	0.0013	0.0012	0.0042	0.0600	0.0530	0.0001	0.0001	0.0001
Mat Foundation (Continuous Pour)	T7 - Single Construction	2021	142	1	11	15	0.0631	0.9069	0.8017	0.0015	0.0013	0.0012	0.1482	2.1294	1.8823	0.0035	0.0030	0.0029
Column Footings	T7 - Single Construction	2021	42	4	8	15	0.0631	0.9069	0.8017	0.0015	0.0013	0.0012	0.0438	0.6298	0.5567	0.0010	0.0009	0.0009
Building Construction (Revised) [Starting w	T7 - Single Construction	2022																
Structure Equipment Garage	T7 - Single Construction	2022	88	58	8	15	0.0634	0.8565	0.8651	0.0015	0.0005	0.0005	0.0922	1.2462	1.2587	0.0022	0.0008	0.0007
Structure Equipment Tower	T7 - Single Construction	2022	40	82	8	15	0.0634	0.8565	0.8651	0.0015	0.0005	0.0005	0.0419	0.5665	0.5722	0.0010	0.0003	0.0003
Structure Equipment Affordable	T7 - Single Construction	2022	36	18	8	15	0.0634	0.8565	0.8651	0.0015	0.0005	0.0005	0.0377	0.5098	0.5149	0.0009	0.0003	0.0003
Retail	T7 - Single Construction	2022	60	3	8	15	0.0634	0.8565	0.8651	0.0015	0.0005	0.0005	0.0629	0.8497	0.8582	0.0015	0.0005	0.0005

Source: Based on AECOM Tishman, 2018; Millennium Partners, 2018; ESA, 2020

Hollywood Center
On-Road Truck Emission Factors (Aggregate Model Year, Aggregate Speeds)

EMFAC2017 (v1.0.7) Emission Rates
Region Type: Sub-Area
Region: Los Angeles (SC)
Calendar Years: 2020, 2021, 2022, 2023,2024,2025
Season: Annual
Vehicle Classification: EMFAC2011 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/hour for IDLEX, RESTL and DIURN

						CRITERIA AIR POLLUTANTS (g/mi or g/min)														
Region	**CalYr**	**VehClass**	**MdlYr**	**Speed**	**Fuel**	**ROG_RUNEX**	**ROG_IDLEX**	**NOx_RUNEX**	**NOx_IDLEX**	**CO_RUNEX**	**CO_IDLEX**	**SO2_RUNEX**	**SO2_IDLEX**	**PM10_BW**	**PM10_TW**	**PM10_RUNEX**	**PM10_IDLEX**	**PM2.5_BW**	**PM2.5_TW**	**PM2.5_RUNEX**	**PM2.5_IDLEX**
Los Angeles County (SC)	2021	T7 single construction	Aggregated	Aggregated	Diesel	0.1674	0.0631	4.7149	0.9069	0.6423	0.8017	0.0143	0.0015	0.0617	0.0360	0.0878	0.0013	0.0265	0.0090	0.0840	0.0012
Los Angeles County (SC)	2022	T7 single construction	Aggregated	Aggregated	Diesel	0.0735	0.0634	3.2491	0.8565	0.3281	0.8651	0.0137	0.0015	0.0617	0.0360	0.0312	0.0005	0.0265	0.0090	0.0299	0.0005
Los Angeles County (SC)	2023	T7 single construction	Aggregated	Aggregated	Diesel	0.0201	0.0631	2.2051	0.7598	0.1781	0.9283	0.0130	0.0015	0.0617	0.0360	0.0148	0.0003	0.0265	0.0090	0.0142	0.0003
Los Angeles County (SC)	2024	T7 single construction	Aggregated	Aggregated	Diesel	0.0195	0.0631	2.1683	0.7590	0.1783	0.9302	0.0129	0.0015	0.0617	0.0360	0.0145	0.0003	0.0265	0.0090	0.0139	0.0003

Source: California Air Resources Board, EMFAC2017. Accessed October 2019.

Hollywood Center
Road Dust Emission Factors

Paved Road Dust Emission Factors (Assumes No Precipitation)

Formula: $EF_{Dust,P} = (k\ (sL)^{0.91} \times (W)^{1.02})$

Where:

$EF_{Dust,P}$ =	Paved Road Dust Emission Factor (having the same units as k)
k =	particle size multiplier
sL =	road surface silt loading (g/m^2)
W =	average fleet vehicle weight (tons) (CARB uses 2.4 tons as a fleet average vehicle weight factor)

	Emission Factor (grams per VMT)	
	PM10	PM2.5
k	0.9979	0.2449
sL	0.1	0.1
W	2.4	2.4
$EF_{Dust,P}$	3.00E-01	7.36E-02

Unpaved Road Dust Emission Factors (Assumes No Precipitation)

Formula: $EF_{Dust,U} = (k\ (\ s / 12)^{1} \times (Sp / 30)^{0.5} / (M / 0.5)^{0.2}) - C)$

Where:

$EF_{Dust,U}$ =	Unpaved Road Dust Emission Factor (having the same units as k)
k =	particle size multiplier
s =	surface material silt content (%)
Sp =	mean vehicle speed (mph)
M =	surface material moisture content (%)
C =	Emission Factor for 1980s vehicle fleet exhaust, brake wear, and tire wear

	Emission Factor (grams per VMT)	
	PM10	PM2.5
k	816.47	81.65
s	4.3%	4.3%
Sp	15	15
M	0.5%	0.5%
C	0.00047	0.00036
$EF_{Dust,U}$	5.20E+00	5.19E-01

Sources:

SCAQMD, CalEEMod, Version 2011.1.
CARB, *Entrained Dust from Paved Road Travel: Emission Estimation Methodology Background Document* , (1997).
USEPA, *AP-42* , Fifth Edition, Volume I, Chapter 13.2.1 - Paved Roads, (2011).
ESA, 2020.

Hollywood Center
On-Road Vendor Truck Regional Emissions
Construction - East Site First Scenario

Truck Total Emissions

Construction Phase	Source	Year	Daily One-Way Truck Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5
West Site																
Building Construction (R	MHDT,HHDT	2022														
	MHDT,HHDT	2023	50	264	8	6.9	0.0878	2.5224	1.2642	0.0101	0.3190	0.0104	0.3293	0.0917	0.0099	0.1016
	MHDT,HHDT	2024	50	314	8	6.9	0.0881	2.5308	1.2715	0.0099	0.3190	0.0104	0.3294	0.0917	0.0100	0.1017
	MHDT,HHDT	2025	50	61	8	6.9	0.0883	2.5237	1.2768	0.0098	0.3190	0.0104	0.3294	0.0917	0.0100	0.1017
East Site																
Building Construction (R	MHDT,HHDT	2022														
	MHDT,HHDT	2022	50	313	8	6.9	0.1308	3.2326	1.2977	0.0106	0.3189	0.0261	0.3450	0.0917	0.0250	0.1167
	MHDT,HHDT	2023	50	312	8	6.9	0.0878	2.5224	1.2642	0.0101	0.3190	0.0104	0.3293	0.0917	0.0099	0.1016
	MHDT,HHDT	2024	50	101	8	6.9	0.0881	2.5308	1.2715	0.0099	0.3190	0.0104	0.3294	0.0917	0.0100	0.1017

Source: Based on AECOM Tishman, 2018; Millennium Partners, 2018; ESA, 2020.

Hollywood Center
On-Road Vendor Truck Regional Emissions
Construction - East Site First Scenario

Vendor Truck Regional Running Emissions

Construction Phase	Source	Year	Daily One-Way Truck Trips	Work Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Running Emissions Factor (grams/mile)						Regional Emissions (pounds/day)					
							ROG	NOX	CO	SO2	PM10	PM2.5	ROG	NOX	CO	SO2	PM10	PM2.5
West Site																		
Building Construction (R	MHDT,HHDT	2023																
	MHDT,HHDT	2023	50	264	8	6.9	0.0139	1.9610	0.1464	0.0108	0.0129	0.0123	0.011	1.492	0.111	0.008	0.010	0.009
	MHDT,HHDT	2024	50	314	8	6.9	0.0140	1.9788	0.1492	0.0106	0.0130	0.0124	0.011	1.505	0.113	0.008	0.010	0.009
	MHDT,HHDT	2025	50	61	8	6.9	0.0139	1.9751	0.1501	0.0104	0.0130	0.0125	0.011	1.502	0.114	0.008	0.010	0.009
East Site																		
Building Construction (R	MHDT,HHDT	2022																
	MHDT,HHDT	2022	50	313	8	6.9	0.0698	2.7315	0.2988	0.0114	0.0331	0.0317	0.053	2.078	0.227	0.009	0.025	0.024
	MHDT,HHDT	2023	50	312	8	6.9	0.0139	1.9610	0.1464	0.0108	0.0129	0.0123	0.011	1.492	0.111	0.008	0.010	0.009
	MHDT,HHDT	2024	50	101	8	6.9	0.0140	1.9788	0.1492	0.0106	0.0130	0.0124	0.011	1.505	0.113	0.008	0.010	0.009

Source: Based on AECOM Tishman, 2018; Millennium Partners, 2018; ESA, 2020

Hollywood Center
On-Road Vendor Truck Regional Emissions
Construction - East Site First Scenario

Vendor Truck Regional Fugitive Dust Emissions

Construction Phase	Source	Year	Daily One-Way Truck Trips	Work Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Running Emissions Factor (grams/mile)						Regional Emissions (pounds/day)					
							PM10 RD	PM10 BW	PM10 TW	PM2.5 RD	PM2.5 BW	PM2.5 TW	PM10 RD	PM10 BW	PM10 TW	PM2.5 RD	PM2.5 BW	PM2.5 TW
West Site																		
Building Construction (R	MHDT,HHDT	2023																
	MHDT,HHDT	2023	50	264	8	6.9	0.2998	0.0957	0.0238	0.0736	0.0410	0.0060	0.228	0.073	0.018	0.056	0.031	0.005
	MHDT,HHDT	2024	50	314	8	6.9	0.2998	0.0957	0.0238	0.0736	0.0410	0.0060	0.228	0.073	0.018	0.056	0.031	0.005
	MHDT,HHDT	2025	50	61	8	6.9	0.2998	0.0957	0.0238	0.0736	0.0410	0.0060	0.228	0.073	0.018	0.056	0.031	0.005
East Site																		
Building Construction (R	MHDT,HHDT	2022																
	MHDT,HHDT	2022	50	313	8	6.9	0.2998	0.0957	0.0238	0.0736	0.0410	0.0059	0.228	0.073	0.018	0.056	0.031	0.005
	MHDT,HHDT	2023	50	312	8	6.9	0.2998	0.0957	0.0238	0.0736	0.0410	0.0060	0.228	0.073	0.018	0.056	0.031	0.005
	MHDT,HHDT	2024	50	101	8	6.9	0.2998	0.0957	0.0238	0.0736	0.0410	0.0060	0.228	0.073	0.018	0.056	0.031	0.005

Source: Based on AECOM Tishman, 2018; Millennium Partners, 2018; ESA, 2020

Hollywood Center
On-Road Vendor Truck Regional Emissions
Construction - East Site First Scenario

Vendor Truck Regional Idling Emissions

Construction Phase	Source	Year	Daily One-Way Truck Trips	Haul Days per Phase (days)	Work Hours per Day (hours/day)	Idling Time per Truck (minutes)	Idling Emissions Factor (grams/min)						Regional Emissions (pounds/day)					
							ROG	NOX	CO	SO2	PM10	PM2.5	ROG	NOX	CO	SO2	PM10	PM2.5
West Site																		
Building Construction (R	MHDT,HHDT	2023																
	MHDT,HHDT	2023	50	264	8	15	0.0935	1.2469	1.3945	0.0023	0.0007	0.0007	0.0773	1.0308	1.1528	0.0019	0.0006	0.0006
	MHDT,HHDT	2024	50	314	8	15	0.0938	1.2407	1.4008	0.0023	0.0007	0.0006	0.0775	1.0257	1.1581	0.0019	0.0006	0.0005
	MHDT,HHDT	2025	50	61	8	15	0.0940	1.2356	1.4063	0.0022	0.0006	0.0006	0.0777	1.0215	1.1627	0.0018	0.0005	0.0005
East Site																		
Building Construction (R	MHDT,HHDT	2022																
	MHDT,HHDT	2022	50	313	8	15	0.0940	1.3970	1.2948	0.0024	0.0011	0.0010	0.0777	1.1550	1.0704	0.0020	0.0009	0.0008
	MHDT,HHDT	2023	50	312	8	15	0.0935	1.2469	1.3945	0.0023	0.0007	0.0007	0.0773	1.0308	1.1528	0.0019	0.0006	0.0006
	MHDT,HHDT	2024	50	101	8	15	0.0938	1.2407	1.4008	0.0023	0.0007	0.0006	0.0775	1.0257	1.1581	0.0019	0.0006	0.0005

Source: Based on AECOM Tishman, 2018; Millennium Partners, 2018; ESA, 2020

Hollywood Center
On-Road Truck Emission Factors (Aggregate Model Year, Aggregate Speeds)

EMFAC2017 (v1.0.7) Emission Rates
Region Type: Sub-Area
Region: Los Angeles (SC)
Calendar Years: 2020, 2021, 2022, 2023,2024,2025
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/hour for IDLEX, RESTL and DIURN

						CRITERIA AIR POLLUTANTS (g/mi or g/min)														
Region	CalYr	VehClass	MdlYr	Speed	Fuel	ROG_RUNEX	ROG_IDLEX	NOx_RUNEX	NOx_IDLEX	CO_RUNEX	CO_IDLEX	SO2_RUNEX	SO2_IDLEX	PM10_BW	PM10_TW	PM10_RUNEX	PM10_IDLEX	PM2.5_BW	PM2.5_TW	PM2.5_RUNEX	PM2.5_IDLEX
Los Angeles County (SC)	2021	MHDT,HHDT	Aggregated	Aggregated	Diesel	0.1240	0.0953	3.4086	1.4315	0.4676	1.2285	0.0117	0.0023	0.0957	0.0238	0.0616	0.0023	0.0410	0.0059	0.0590	0.0022
Los Angeles County (SC)	2022	MHDT,HHDT	Aggregated	Aggregated	Diesel	0.0698	0.0940	2.7315	1.3970	0.2988	1.2948	0.0114	0.0024	0.0957	0.0238	0.0331	0.0011	0.0410	0.0059	0.0317	0.0010
Los Angeles County (SC)	2023	MHDT,HHDT	Aggregated	Aggregated	Diesel	0.0139	0.0935	1.9610	1.2469	0.1464	1.3945	0.0108	0.0023	0.0957	0.0238	0.0129	0.0007	0.0410	0.0060	0.0123	0.0007
Los Angeles County (SC)	2024	MHDT,HHDT	Aggregated	Aggregated	Diesel	0.0140	0.0938	1.9788	1.2407	0.1492	1.4008	0.0106	0.0023	0.0957	0.0238	0.0130	0.0007	0.0410	0.0060	0.0124	0.0006
Los Angeles County (SC)	2025	MHDT,HHDT	Aggregated	Aggregated	Diesel	0.0139	0.0940	1.9751	1.2356	0.1501	1.4063	0.0104	0.0022	0.0957	0.0238	0.0130	0.0006	0.0410	0.0060	0.0125	0.0006

Source: California Air Resources Board, EMFAC2017. Accessed October 2019.

Hollywood Center
Road Dust Emission Factors

Paved Road Dust Emission Factors (Assumes No Precipitation)

Formula: $EF_{Dust,P} = (k\ (sL)^{0.91} \times (W)^{1.02})$

Where:

$EF_{Dust,P}$ =	Paved Road Dust Emission Factor (having the same units as k)
k =	particle size multiplier
sL =	road surface silt loading (g/m^2)
W =	average fleet vehicle weight (tons) (CARB uses 2.4 tons as a fleet average vehicle weight factor)

	Emission Factor (grams per VMT)	
	PM10	PM2.5
k	0.9979	0.2449
sL	0.1	0.1
W	2.4	2.4
$EF_{Dust,P}$	3.00E-01	7.36E-02

Unpaved Road Dust Emission Factors (Assumes No Precipitation)

Formula: $EF_{Dust,U} = (k\ (\ s / 12)^{1} \times (Sp / 30)^{0.5} / (M / 0.5)^{0.2}) - C)$

Where:

$EF_{Dust,U}$ =	Unpaved Road Dust Emission Factor (having the same units as k)
k =	particle size multiplier
s =	surface material silt content (%)
Sp =	mean vehicle speed (mph)
M =	surface material moisture content (%)
C =	Emission Factor for 1980s vehicle fleet exhaust, brake wear, and tire wear

	Emission Factor (grams per VMT)	
	PM10	PM2.5
k	816.47	81.65
s	4.3%	4.3%
Sp	15	15
M	0.5%	0.5%
C	0.00047	0.00036
$EF_{Dust,U}$	5.20E+00	5.19E-01

Sources:

SCAQMD, CalEEMod, Version 2011.1.
CARB, *Entrained Dust from Paved Road Travel: Emission Estimation Methodology Background Document* , (1997).
USEPA, *AP-42* , Fifth Edition, Volume I, Chapter 13.2.1 - Paved Roads, (2011).
ESA, 2020.

Hollywood Center
On-Road Worker Regional Emissions
Construction - East Site First Scenario

Worker Total Emissions

Construction Phase	Source	Year	Daily One-Way Truck Trips	Work Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10 Dust	PM10 Exh	Total PM10	PM2.5 Dust	PM2.5 Exh	Total PM2.5
West Site																
Demolition	LDA,LDT1,LDT2	2022	12	49	8	14.7	0.0077	0.0282	0.3871	0.0012	0.1340	0.0008	0.1348	0.0355	0.0007	0.0363
Site Preparation	LDA,LDT1,LDT2	2022	24	24	8	14.7	0.0155	0.0563	0.7741	0.0023	0.2680	0.0016	0.2696	0.0711	0.0015	0.0725
Grading/Excavation	LDA,LDT1,LDT2	2022	224	279	8	14.7	0.1446	0.5255	7.2251	0.0219	2.5016	0.0147	2.5163	0.6631	0.0135	0.6767
Foundations/Concrete Pour (Revised) [MI	LDA,LDT1,LDT2	2022														
Foundations	LDA,LDT1,LDT2	2022	250	1	8	14.7	0.1613	0.5865	8.0637	0.0244	2.7919	0.0164	2.8084	0.7401	0.0151	0.7552
Foundations	LDA,LDT1,LDT2	2023	250	48	8	14.7	0.1399	0.5145	7.3883	0.0237	2.7919	0.0155	2.8075	0.7401	0.0143	0.7544
Utilities/Trenching (Revised) [MHD101: R	LDA,LDT1,LDT2	2022	12	18	8	14.7	0.0077	0.0282	0.3871	0.0012	0.1340	0.0008	0.1348	0.0355	0.0007	0.0363
Building Construction (Revised) [Starting	LDA,LDT1,LDT2	2023														
	LDA,LDT1,LDT2	2023	600	264	8	14.7	0.3359	1.2349	17.7318	0.0570	6.7007	0.0373	6.7380	1.7763	0.0343	1.8106
	LDA,LDT1,LDT2	2024	600	314	8	14.7	0.2971	1.0970	16.4971	0.0556	6.7007	0.0361	6.7367	1.7763	0.0332	1.8094
	LDA,LDT1,LDT2	2025	600	61	8	14.7	0.2611	0.9812	15.3695	0.0539	6.7007	0.0346	6.7353	1.7763	0.0318	1.8081
Paving (Revised) [MHW112: Hardscap	LDA,LDT1,LDT2	2024	24	76	8	14.7	0.0119	0.0439	0.6599	0.0022	0.2680	0.0014	0.2695	0.0711	0.0013	0.0724
Architectural Coatings (Revised) [MHV	LDA,LDT1,LDT2	2023	16	60	8	14.7	0.0090	0.0329	0.4728	0.0015	0.1787	0.0010	0.1797	0.0474	0.0009	0.0483
	LDA,LDT1,LDT2	2024	16	314	8	14.7	0.0079	0.0293	0.4399	0.0015	0.1787	0.0010	0.1796	0.0474	0.0009	0.0483
	LDA,LDT1,LDT2	2025	16	24	8	14.7	0.0070	0.0262	0.4099	0.0014	0.1787	0.0009	0.1796	0.0474	0.0008	0.0482
East Site																
Site Preparation	LDA,LDT1,LDT2	2021	24	27	8	14.7	0.0179	0.0645	0.8508	0.0024	0.2680	0.0017	0.2697	0.0711	0.0015	0.0726
Grading/Excavation	LDA,LDT1,LDT2	2021	224	259	8	14.7	0.1670	0.6023	7.9411	0.0225	2.5016	0.0157	2.5173	0.6631	0.0144	0.6776
Foundations/Concrete Pour (Revised) [MI	LDA,LDT1,LDT2	2021														
Foundations	LDA,LDT1,LDT2	2021	248	40	8	14.7	0.1849	0.6669	8.7920	0.0250	2.7696	0.0174	2.7870	0.7342	0.0160	0.7502
Utilities/Trenching (Revised) [MHD101: R	LDA,LDT1,LDT2	2021	12	11	8	14.7	0.0089	0.0323	0.4254	0.0012	0.1340	0.0008	0.1349	0.0355	0.0008	0.0363
Building Construction (Revised) [Starting	LDA,LDT1,LDT2	2022														
	LDA,LDT1,LDT2	2022	600	313	8	14.7	0.3872	1.4076	19.3530	0.0587	6.7007	0.0394	6.7401	1.7763	0.0363	1.8125
	LDA,LDT1,LDT2	2023	600	312	8	14.7	0.3359	1.2349	17.7318	0.0570	6.7007	0.0373	6.7380	1.7763	0.0343	1.8106
	LDA,LDT1,LDT2	2024	600	101	8	14.7	0.2971	1.0970	16.4971	0.0556	6.7007	0.0361	6.7367	1.7763	0.0332	1.8094
Paving (Revised) [MHE112: Hardscape & I	LDA,LDT1,LDT2	2023	24	78	8	14.7	0.0134	0.0494	0.7093	0.0023	0.2680	0.0015	0.2695	0.0711	0.0014	0.0724
Architectural Coatings (Revised) [MHE10	LDA,LDT1,LDT2	2022	16	116	8	14.7	0.0103	0.0375	0.5161	0.0016	0.1787	0.0011	0.1797	0.0474	0.0010	0.0483
	LDA,LDT1,LDT2	2023	16	285	8	14.7	0.0090	0.0329	0.4728	0.0015	0.1787	0.0010	0.1797	0.0474	0.0009	0.0483

Source: Based on AECOM Tishman, 2018; Millennium Partners, 2018; ESA, 2020

Hollywood Center
On-Road Worker Regional Emissions
Construction - East Site First Scenario

Worker Regional Running Emissions

Construction Phase	Source	Year	Daily One-Way Worker Trips	Work Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Running Emissions Factor (grams/mile) ROG	NOX	CO	SO2	PM10	PM2.5	Regional Emissions (pounds/day) ROG	NOX	CO	SO2	PM10	PM2.5
West Site																		
Demolition	LDA,LDT1,LDT2	2022	12	49	8	14.7	0.0199	0.0724	0.9953	0.0030	0.0020	0.0019	0.008	0.028	0.387	0.001	0.001	0.001
Site Preparation	LDA,LDT1,LDT2	2022	24	24	8	14.7	0.0199	0.0724	0.9953	0.0030	0.0020	0.0019	0.015	0.056	0.774	0.002	0.002	0.001
Grading/Excavation	LDA,LDT1,LDT2	2022	224	279	8	14.7	0.0199	0.0724	0.9953	0.0030	0.0020	0.0019	0.145	0.525	7.225	0.022	0.015	0.014
Foundations/Concrete Pour (Revised) [MH	LDA,LDT1,LDT2	2022																
Foundations	LDA,LDT1,LDT2	2022	250	1	8	14.7	0.0199	0.0724	0.9953	0.0030	0.0020	0.0019	0.161	0.586	8.064	0.024	0.016	0.015
	LDA,LDT1,LDT2	2023	250	48	8	14.7	0.0173	0.0635	0.9119	0.0029	0.0019	0.0018	0.140	0.515	7.388	0.024	0.016	0.014
Utilities/Trenching (Revised) [MHD101: Re	LDA,LDT1,LDT2	2022	12	18	8	14.7	0.0199	0.0724	0.9953	0.0030	0.0020	0.0019	0.008	0.028	0.387	0.001	0.001	0.001
Building Construction (Revised) [Starting w	LDA,LDT1,LDT2	2023																
	LDA,LDT1,LDT2	2023	600	264	8	14.7	0.0173	0.0635	0.9119	0.0029	0.0019	0.0018	0.336	1.235	17.732	0.057	0.037	0.034
	LDA,LDT1,LDT2	2024	600	314	8	14.7	0.0153	0.0564	0.8484	0.0029	0.0019	0.0017	0.297	1.097	16.497	0.056	0.036	0.033
	LDA,LDT1,LDT2	2025	600	61	8	14.7	0.0134	0.0505	0.7904	0.0028	0.0018	0.0016	0.261	0.981	15.370	0.054	0.035	0.032
Paving (Revised) [MHW112: Hardscape	LDA,LDT1,LDT2	2024	24	76	8	14.7	0.0153	0.0564	0.8484	0.0029	0.0019	0.0017	0.012	0.044	0.660	0.002	0.001	0.001
Architectural Coatings (Revised) [MHW	LDA,LDT1,LDT2	2023	16	60	8	14.7	0.0173	0.0635	0.9119	0.0029	0.0019	0.0018	0.009	0.033	0.473	0.002	0.001	0.001
	LDA,LDT1,LDT2	2024	16	314	8	14.7	0.0153	0.0564	0.8484	0.0029	0.0019	0.0017	0.008	0.029	0.440	0.001	0.001	0.001
	LDA,LDT1,LDT2	2025	16	24	8	14.7	0.0134	0.0505	0.7904	0.0028	0.0018	0.0016	0.007	0.026	0.410	0.001	0.001	0.001
East Site																		
Site Preparation	LDA,LDT1,LDT2	2021	24	27	8	14.7	0.0230	0.0830	1.0939	0.0031	0.0022	0.0020	0.018	0.065	0.851	0.002	0.002	0.002
Grading/Excavation	LDA,LDT1,LDT2	2021	224	259	8	14.7	0.0230	0.0830	1.0939	0.0031	0.0022	0.0020	0.167	0.602	7.941	0.023	0.016	0.014
Foundations/Concrete Pour (Revised) [MH	LDA,LDT1,LDT2	2021																
Foundations	LDA,LDT1,LDT2	2021	248	40	8	14.7	0.0230	0.0830	1.0939	0.0031	0.0022	0.0020	0.185	0.667	8.792	0.025	0.017	0.016
Utilities/Trenching (Revised) [MHD101: Re	LDA,LDT1,LDT2	2021	12	11	8	14.7	0.0230	0.0830	1.0939	0.0031	0.0022	0.0020	0.009	0.032	0.425	0.001	0.001	0.001
Building Construction (Revised) [Starting w	LDA,LDT1,LDT2	2022																
	LDA,LDT1,LDT2	2022	600	313	8	14.7	0.0199	0.0724	0.9953	0.0030	0.0020	0.0019	0.387	1.408	19.353	0.059	0.039	0.036
	LDA,LDT1,LDT2	2023	600	312	8	14.7	0.0173	0.0635	0.9119	0.0029	0.0019	0.0018	0.336	1.235	17.732	0.057	0.037	0.034
	LDA,LDT1,LDT2	2024	600	101	8	14.7	0.0153	0.0564	0.8484	0.0029	0.0019	0.0017	0.297	1.097	16.497	0.056	0.036	0.033
Paving (Revised) [MHE112: Hardscape & La	LDA,LDT1,LDT2	2023	24	78	8	14.7	0.0173	0.0635	0.9119	0.0029	0.0019	0.0018	0.013	0.049	0.709	0.002	0.001	0.001
Architectural Coatings (Revised) [MHE109:	LDA,LDT1,LDT2	2022	16	116	8	14.7	0.0199	0.0724	0.9953	0.0030	0.0020	0.0019	0.010	0.038	0.516	0.002	0.001	0.001
	LDA,LDT1,LDT2	2023	16	285	8	14.7	0.0173	0.0635	0.9119	0.0029	0.0019	0.0018	0.009	0.033	0.473	0.002	0.001	0.001

Source: Based on AECOM Tishman, 2018; Millennium Partners, 2018; ESA, 2020.

Hollywood Center
On-Road Worker Regional Emissions
Construction - East Site First Scenario

Worker Fugitive Dust Emissions

Construction Phase	Source	Year	Daily One-Way Worker Trips	Work Days per Phase (days)	Work Hours per Day (hours/day)	One-Way Trip Distance per Day (miles)	Running Emissions Factor (grams/mile) PM10 RD	PM10 BW	PM10 TW	PM2.5 RD	PM2.5 BW	PM2.5 TW	Regional Emissions (pounds/day) PM10 RD	PM10 BW	PM10 TW	PM2.5 RD	PM2.5 BW	PM2.5 TW
West Site																		
Demolition	LDA,LDT1,LDT2	2022	12	49	8	14.7	0.2998	0.0368	0.0080	0.0736	0.0158	0.0020	0.117	0.014	0.003	0.029	0.006	0.001
Site Preparation	LDA,LDT1,LDT2	2022	24	24	8	14.7	0.2998	0.0368	0.0080	0.0736	0.0158	0.0020	0.233	0.029	0.006	0.057	0.012	0.002
Grading/Excavation	LDA,LDT1,LDT2	2022	224	279	8	14.7	0.2998	0.0368	0.0080	0.0736	0.0158	0.0020	2.177	0.267	0.058	0.534	0.114	0.015
Foundations/Concrete Pour (Revised) [MH	LDA,LDT1,LDT2	2022																
Foundations	LDA,LDT1,LDT2	2022	250	1	8	14.7	0.2998	0.0368	0.0080	0.0736	0.0158	0.0020	2.429	0.298	0.065	0.596	0.128	0.016
Foundations	LDA,LDT1,LDT2	2023	250	48	8	14.7	0.2998	0.0368	0.0080	0.0736	0.0158	0.0020	2.429	0.298	0.065	0.596	0.128	0.016
Utilities/Trenching (Revised) [MHD101: Re	LDA,LDT1,LDT2	2022	12	18	8	14.7	0.2998	0.0368	0.0080	0.0736	0.0158	0.0020	0.117	0.014	0.003	0.029	0.006	0.001
Building Construction (Revised) [Starting w	LDA,LDT1,LDT2	2023																
	LDA,LDT1,LDT2	2023	600	264	8	14.7	0.2998	0.0368	0.0080	0.0736	0.0158	0.0020	5.831	0.715	0.156	1.431	0.306	0.039
	LDA,LDT1,LDT2	2024	600	314	8	14.7	0.2998	0.0368	0.0080	0.0736	0.0158	0.0020	5.831	0.715	0.156	1.431	0.306	0.039
	LDA,LDT1,LDT2	2025	600	61	8	14.7	0.2998	0.0368	0.0080	0.0736	0.0158	0.0020	5.831	0.715	0.156	1.431	0.306	0.039
Paving (Revised) [MHW112: Hardscape	LDA,LDT1,LDT2	2024	24	76	8	14.7	0.2998	0.0368	0.0080	0.0736	0.0158	0.0020	0.233	0.029	0.006	0.057	0.012	0.002
Architectural Coatings (Revised) [MHW	LDA,LDT1,LDT2	2023	16	60	8	14.7	0.2998	0.0368	0.0080	0.0736	0.0158	0.0020	0.155	0.019	0.004	0.038	0.008	0.001
	LDA,LDT1,LDT2	2024	16	314	8	14.7	0.2998	0.0368	0.0080	0.0736	0.0158	0.0020	0.155	0.019	0.004	0.038	0.008	0.001
	LDA,LDT1,LDT2	2025	16	24	8	14.7	0.2998	0.0368	0.0080	0.0736	0.0158	0.0020	0.155	0.019	0.004	0.038	0.008	0.001
East Site																		
Site Preparation	LDA,LDT1,LDT2	2021	24	27	8	14.7	0.2998	0.0368	0.0080	0.0736	0.0158	0.0020	0.233	0.029	0.006	0.057	0.012	0.002
Grading/Excavation	LDA,LDT1,LDT2	2021	224	259	8	14.7	0.2998	0.0368	0.0080	0.0736	0.0158	0.0020	2.177	0.267	0.058	0.534	0.114	0.015
Foundations/Concrete Pour (Revised) [MH	LDA,LDT1,LDT2	2021																
Foundations	LDA,LDT1,LDT2	2021	248	40	8	14.7	0.2998	0.0368	0.0080	0.0736	0.0158	0.0020	2.410	0.295	0.064	0.592	0.127	0.016
Utilities/Trenching (Revised) [MHD101: Re	LDA,LDT1,LDT2	2021	12	11	8	14.7	0.2998	0.0368	0.0080	0.0736	0.0158	0.0020	0.117	0.014	0.003	0.029	0.006	0.001
Building Construction (Revised) [Starting w	LDA,LDT1,LDT2	2022																
	LDA,LDT1,LDT2	2022	600	313	8	14.7	0.2998	0.0368	0.0080	0.0736	0.0158	0.0020	5.831	0.715	0.156	1.431	0.306	0.039
	LDA,LDT1,LDT2	2023	600	312	8	14.7	0.2998	0.0368	0.0080	0.0736	0.0158	0.0020	5.831	0.715	0.156	1.431	0.306	0.039
	LDA,LDT1,LDT2	2024	600	101	8	14.7	0.2998	0.0368	0.0080	0.0736	0.0158	0.0020	5.831	0.715	0.156	1.431	0.306	0.039
Paving (Revised) [MHE112: Hardscape & La	LDA,LDT1,LDT2	2023	24	78	8	14.7	0.2998	0.0368	0.0080	0.0736	0.0158	0.0020	0.233	0.029	0.006	0.057	0.012	0.002
Architectural Coatings (Revised) [MHE109:	LDA,LDT1,LDT2	2022	16	116	8	14.7	0.2998	0.0368	0.0080	0.0736	0.0158	0.0020	0.155	0.019	0.004	0.038	0.008	0.001
	LDA,LDT1,LDT2	2023	16	285	8	14.7	0.2998	0.0368	0.0080	0.0736	0.0158	0.0020	0.155	0.019	0.004	0.038	0.008	0.001

Source: Based on AECOM Tishman, 2018; Millennium Partners, 2018; ESA, 2020.

Hollywood Center
On-Road Woker Emission Factors (Aggregate Model Year, Aggregate Speeds)

EMFAC2017 (v1.0.7) Emission Rates
Region Type: Sub-Area
Region: Los Angeles (SC)
Calendar Years: 2020, 2021, 2022, 2023,2024,2025
Season: Annual
Vehicle Classification: EMFAC2011 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/hour for IDLEX, RESTL and DIURN

						CRITERIA AIR POLLUTANTS (g/mi or g/min)									
Region	**CalYr**	**VehClass**	**MdlYr**	**Speed**	**Fuel**	**ROG_RUNEX**	**NOx_RUNEX**	**CO_RUNEX**	**SO2_RUNEX**	**PM10_BW**	**PM10_TW**	**PM10_RUNEX**	**PM2.5_BW**	**PM2.5_TW**	**PM2.5_RUNEX**
Los Angeles County (SC)	2021	LDA,LDT1,LDT2	Aggregated	Aggregated	Gas	0.0230	0.0830	1.0939	0.0031	0.0368	0.0080	0.0022	0.0158	0.0020	0.0020
Los Angeles County (SC)	2022	LDA,LDT1,LDT2	Aggregated	Aggregated	Gas	0.0199	0.0724	0.9953	0.0030	0.0368	0.0080	0.0020	0.0158	0.0020	0.0019
Los Angeles County (SC)	2023	LDA,LDT1,LDT2	Aggregated	Aggregated	Gas	0.0173	0.0635	0.9119	0.0029	0.0368	0.0080	0.0019	0.0158	0.0020	0.0018
Los Angeles County (SC)	2024	LDA,LDT1,LDT2	Aggregated	Aggregated	Gas	0.0153	0.0564	0.8484	0.0029	0.0368	0.0080	0.0019	0.0158	0.0020	0.0017
Los Angeles County (SC)	2025	LDA,LDT1,LDT2	Aggregated	Aggregated	Gas	0.0134	0.0505	0.7904	0.0028	0.0368	0.0080	0.0018	0.0158	0.0020	0.0016

Source: California Air Resources Board, EMFAC2017. Accessed October 2019.

Hollywood Center
Road Dust Emission Factors

Paved Road Dust Emission Factors (Assumes No Precipitation)

Formula: $EF_{Dust,P} = (k\ (sL)^{0.91} \times (W)^{1.02})$

Where:

$EF_{Dust,P}$ =	Paved Road Dust Emission Factor (having the same units as k)
k =	particle size multiplier
sL =	road surface silt loading (g/m^2)
W =	average fleet vehicle weight (tons) (CARB uses 2.4 tons as a fleet average vehicle weight factor)

	Emission Factor (grams per VMT)	
	PM10	PM2.5
k	0.9979	0.2449
sL	0.1	0.1
W	2.4	2.4
$EF_{Dust,P}$	3.00E-01	7.36E-02

Unpaved Road Dust Emission Factors (Assumes No Precipitation)

Formula: $EF_{Dust,U} = (k\ (\ s / 12)^{1} \times (Sp / 30)^{0.5} / (M / 0.5)^{0.2}) - C)$

Where:

$EF_{Dust,U}$ =	Unpaved Road Dust Emission Factor (having the same units as k)
k =	particle size multiplier
s =	surface material silt content (%)
Sp =	mean vehicle speed (mph)
M =	surface material moisture content (%)
C =	Emission Factor for 1980s vehicle fleet exhaust, brake wear, and tire wear

	Emission Factor (grams per VMT)	
	PM10	PM2.5
k	816.47	81.65
s	4.3%	4.3%
Sp	15	15
M	0.5%	0.5%
C	0.00047	0.00036
$EF_{Dust,U}$	5.20E+00	5.19E-01

Sources:

SCAQMD, CalEEMod, Version 2011.1.
CARB, *Entrained Dust from Paved Road Travel: Emission Estimation Methodology Background Document* , (1997).
USEPA, *AP-42* , Fifth Edition, Volume I, Chapter 13.2.1 - Paved Roads, (2011).
ESA, 2020.

Hollywood Center

Air Quality Construction Analysis

Mitigated - Construction West Site First Scenario

Regional Maximums Source	ROG	NOX	CO	SO2	PM10 Total	Total PM2.5
West Site			lb/day			
Demolition - 2021	1.3	23.7	25.3	0.10	2.4	1.0
Utilities/Trenching - 2021	0.1	0.6	9.1	0.02	0.2	0.1
Site Preparation - 2021	0.2	0.7	7.6	0.01	0.3	0.1
Grading - 2021	3.3	67.2	47.5	0.26	8.9	3.3
Grading - 2022	0.9	4.4	36.1	0.07	2.7	0.8
Foundations/Concrete Pour - 2022 (Shoring Wall + Cast in Drilled Hole Foundation)	0.5	3.8	19.0	0.05	3.0	0.9
Foundations/Concrete Pour - 2022 (Mat Foundation)	0.8	14.3	26.0	0.09	4.2	1.2
Foundations/Concrete Pour - 2022 (Column Footings)	0.6	5.1	19.4	0.06	3.2	0.9
Building Construction - 2022 (Structure Equipment Garage)	1.2	12.8	41.2	0.13	7.8	2.2
Building Construction - 2022 (Structure Equipment Tower)	1.1	9.9	40.3	0.12	7.5	2.1
Building Construction - 2022 (Structure Equipment Affordable)	1.1	10.3	40.4	0.13	7.5	2.1
Building Construction - 2022 (Retail)	1.1	9.0	40.1	0.12	7.4	2.1
Building Construction - 2022	1.0	7.1	39.5	0.11	7.2	2.0
Building Construction - 2023	0.9	6.2	37.8	0.11	7.1	2.0
Building Construction - 2024	0.9	6.1	36.6	0.11	7.1	2.0
Architectural Coating - 2022	13.3	0.8	4.4	0.01	0.2	0.1
Architectural Coating - 2023	13.2	0.8	4.3	0.01	0.2	0.1
Architectural Coating - 2024	13.2	0.7	4.3	0.01	0.2	0.1
Paving - 2023	0.5	3.3	21.4	0.04	0.3	0.1

	ROG	NOX	CO	SO2	PM10 Total	Total PM2.5
East Site			lb/day			
Site Preparation - 2022	0.5	12.6	9.4	0.06	1.8	0.6
Grading - 2022	2.1	48.4	43.0	0.25	8.1	2.6
Grading - 2023	0.9	4.3	35.5	0.07	2.7	0.8
Utilities/Trenching - 2022	0.1	0.6	9.0	0.02	0.2	0.1
Foundations/Concrete Pour (Shoring Wall+Cast In Drilled Hole Foundation) - 2023	0.5	3.3	18.3	0.05	3.0	0.9
Foundations/Concrete Pour (Mat Foundation)- 2023	0.5	8.3	21.1	0.08	3.8	1.1
Foundations/Concrete Pour (Column Footings) - 2023	0.5	4.2	18.6	0.06	3.1	0.9
Building Construction - 2023 (Structure Equipment Garage)	1.0	10.5	39.5	0.13	7.7	2.2
Building Construction - 2023 (Structure Equipment Tower)	1.0	8.1	38.6	0.12	7.4	2.1
Building Construction - 2023 (Structure Equipment Affordable)	1.0	7.9	38.5	0.12	7.4	2.1
Building Construction - 2023 (Retail)	1.0	9.1	38.9	0.13	7.6	2.1
Building Construction - 2023	0.9	6.2	37.8	0.11	7.1	2.0
Building Construction - 2024	0.9	6.1	36.6	0.11	7.1	2.0
Building Construction - 2025	0.8	5.9	35.5	0.11	7.1	2.0
Architectural Coating - 2023	12.9	0.8	4.3	0.01	0.2	0.1
Architectural Coating - 2024	12.9	0.7	4.3	0.01	0.2	0.1
Architectural Coating - 2025	12.9	0.7	4.3	0.01	0.2	0.1
Paving - 2024	0.5	3.3	21.3	0.04	0.3	0.1

Hollywood Center
Air Quality Construction Analysis
Mitigated - Construction West Site First Scenario

Overlapping Phases

	ROG	NOX	CO	SO2	PM10 Total	Total PM2.5
			lb/day			
Demolition + Site Preparation + Utilities/Trenching - 2021	1.6	25.0	42.0	0.1	2.9	1.1
Demolition + Site Preparation + Grading Excavation - 2021	4.7	91.58	80.5	0.4	11.6	4.3
Grading Excavation - 2022	0.9	4.4	36.1	0.1	2.7	0.8
Foundations/Concrete Pour - 2022 (Shoring Wall + Cast in Drilled Hole Foundation)	0.5	3.8	19.0	0.1	3.0	0.9
Foundations/Concrete Pour - 2022 (Mat Foundation)	0.8	14.3	26.0	0.1	4.2	1.2
Foundations/Concrete Pour - 2022 (Column Footings)	0.6	5.1	19.4	0.1	3.2	0.9
West: Building Construction (Structure Equipment Garage) - 2022						
East: Site Preparation + Utilities/Trenching + Grading Excavation - 2022	3.9	74.4	102.6	0.5	17.9	5.4
West: Building Construction (Structure Equipment Tower) - 2022						
East: Grading Excavation - 2022	3.2	58.3	83.4	0.4	15.6	4.7
West: Building Construction (Structure Equipment Affordable) - 2022						
East: Grading Excavation - 2022	3.2	58.7	83.5	0.4	15.6	4.7
West: Building Construction (Retail) - 2022						
East: Grading Excavation - 2022	3.1	57.3	83.1	0.4	15.5	4.7
West: Building Construction + Architectural Coatings - 2022						
East: Grading Excavation - 2022	16.3	56.2	86.9	0.4	15.5	4.7
West: Building Construction + Architecural Coating - 2023						
East: Grading Excavation - 2023	15.1	11.3	77.7	0.2	10.0	2.9
West: Building Construction + Architectural Coatings - 2023						
East: Foundations/Concrete Pour (Shoring Wall + Cast in Drilled Hole Foundation) - 2023	14.6	10.3	60.4	0.2	10.4	2.9
West: Building Construction + Architectural Coatings - 2023						
East: Foundations/Concrete Pour (Mat Foundation) - 2023	14.7	15.2	63.3	0.2	11.1	3.1
West: Building Construction + Architectural Coatings - 2023						
East: Foundations/Concrete Pour (Column Footings) - 2023	14.7	11.1	60.8	0.2	10.5	3.0
West: Building Construction + Architectural Coatings - 2023						
East: Building Construction (Structure Equipment Garage) - 2023	15.2	17.4	81.6	0.3	15.1	4.2
West: Building Construction + Architectrual Coatings + Pavings - 2023						
East: Building Construction (Structure Equipment Tower) - 2023	15.6	18.4	102.1	0.3	15.1	4.3
West: Building Construction + Architectural Coatings + Pavings - 2023						
East: Building Construction (Structure Equipment Affordable) - 2023	15.6	18.2	102.1	0.3	15.1	4.3
West: Building Construction + Architectural Coatings + Paving - 2023						
East: Building Construction (Structure Retail) - 2023	15.6	19.4	102.5	0.3	15.2	4.3
West: Building Construction + Architectural Coatings + Paving - 2023						
East: Building Construction - 2023	15.6	16.4	101.4	0.3	14.8	4.2
West: Building Construction + Architectural Coatings - 2023						
East: Building Construction - 2023	15.1	13.1	80.0	0.2	14.5	4.1
West: Building Construction + Architectural Coatings - 2023						
East: Building Construction + Architectural Coatings - 2023	28.0	13.9	84.3	0.2	14.7	4.1
West: Building Construction + Architectural Coatings - 2024						
East: Building Construction + Architectural Coatings - 2024	27.9	13.6	81.8	0.2	14.7	4.1
East: Building Construction + Architectural Coatings + Paving - 2024	14.2	10.1	62.2	0.2	7.7	2.2
East: Building Construction + Architectural Coatings - 2025	13.7	6.7	39.8	0.1	7.3	2.1
Daily Maximum Emissions	**28**	**92**	**103**	**0.5**	**18**	**5**
SCAQMD Regional Threshold	75.0	100.0	550.0	150.0	150.0	55.0
Exceeds Threshold?	No	No	No	No	No	No

Hollywood Center
Air Quality Construction Analysis
Mitigated - Construction West Site First Scenario
Project Localized Emissions

Localized Maximums Source	NOX	CO	PM10 Total	Total PM2.5
		lb/day		
West Site				
Demolition - 2021	2.1	21.2	0.15	0.08
Utilities/Trenching - 2021	0.6	8.6	0.02	0.02
Site Preparation - 2021	0.6	6.8	0.05	0.02
Grading - 2021	3.9	28.9	0.18	0.14
Grading - 2022	3.9	28.9	0.18	0.14
Foundations/Concrete Pour - 2022 (Shoring Wall + Cast in Drilled Hole Foundation)	1.6	10.5	0.06	0.06
Foundations/Concrete Pour - 2022 (Mat Foundation)	1.0	14.2	0.03	0.03
Foundations/Concrete Pour - 2022 (Column Footings)	1.6	10.5	0.06	0.06
Building Construction - 2022 (Structure Equipment Garage)	2.4	18.8	0.08	0.08
Building Construction - 2022 (Structure Equipment Tower)	2.4	18.8	0.08	0.08
Building Construction - 2022 (Structure Equipment Affordable)	2.4	18.8	0.08	0.08
Building Construction - 2022 (Retail)	2.4	18.8	0.08	0.08
Building Construction - 2022	2.4	18.8	0.08	0.08
Building Construction - 2023	2.4	18.8	0.08	0.08
Building Construction - 2024	2.4	18.8	0.08	0.08
Architectural Coating - 2022	0.7	3.9	0.03	0.03
Architectural Coating - 2023	0.7	3.9	0.03	0.03
Architectural Coating - 2024	0.7	3.9	0.03	0.03
Paving - 2023	3.3	20.7	0.06	0.06

	NOX	CO	PM10 Total	Total PM2.5
East Site		lb/day		
Site Preparation - 2022	0.6	6.8	0.06	0.02
Grading - 2022	3.9	28.9	0.18	0.14
Grading - 2023	3.9	28.9	0.18	0.14
Utilities/Trenching - 2022	0.6	8.6	0.02	0.02
Foundations/Concrete Pour (Shoring Wall+Cast In Drilled Hole Foundation) - 2023	1.6	10.5	0.06	0.06
Foundations/Concrete Pour (Mat Foundation)- 2023	0.8	11.2	0.02	0.02
Foundations/Concrete Pour (Column Footings) - 2023	1.6	10.5	0.06	0.06
Building Construction - 2023 (Structure Equipment Garage)	2.4	18.8	0.08	0.08
Building Construction - 2023 (Structure Equipment Tower)	2.4	18.8	0.08	0.08
Building Construction - 2023 (Structure Equipment Affordable)	2.4	18.8	0.08	0.08
Building Construction - 2023 (Retail)	2.4	18.8	0.08	0.08
Building Construction - 2023	2.4	18.8	0.08	0.08
Building Construction - 2024	2.4	18.8	0.08	0.08
Building Construction - 2025	2.4	18.8	0.08	0.08
Architectural Coating - 2023	0.7	3.9	0.03	0.03
Architectural Coating - 2024	0.7	3.9	0.03	0.03
Architectural Coating - 2025	0.7	3.9	0.03	0.03
Paving - 2024	3.3	20.7	0.06	0.06

Hollywood Center
Air Quality Construction Analysis
Mitigated - Construction West Site First Scenario
Project Localized Emissions

Overlapping Phases				
Project Localized Emissions	**NOX**	**CO**	**PM10 Total**	**Total PM2.5**
	lb/day			
Demolition + Site Preparation + Utilities/Trenching - 2021	3.3	36.6	0.22	0.12
Demolition + Site Preparation + Grading Excavation - 2021	6.6	56.9	0.37	0.24
Grading Excavation - 2022	3.9	28.9	0.18	0.14
Foundations/Concrete Pour - 2022 (Shoring Wall + Cast in Drilled Hole Foundation)	1.6	10.5	0.06	0.06
Foundations/Concrete Pour - 2022 (Mat Foundation)	1.0	14.2	0.03	0.03
Foundations/Concrete Pour - 2022 (Column Footings)	1.6	10.5	0.06	0.06
West: Building Construction (Structure Equipment Garage) - 2022				
East: Site Preparation + Utilities/Trenching + Grading Excavation - 2022	7.5	63.1	0.34	0.26
West: Building Construction (Structure Equipment Tower) - 2022				
East: Grading Excavation - 2022	6.3	47.7	0.26	0.22
West: Building Construction (Structure Equipment Affordable) - 2022				
East: Grading Excavation - 2022	6.3	47.7	0.26	0.22
West: Building Construction (Retail) - 2022				
East: Grading Excavation - 2022	6.3	47.7	0.26	0.22
West: Building Construction + Architectural Coatings - 2022				
East: Grading Excavation - 2022	7.0	51.6	0.28	0.24
West: Building Construction + Architecural Coating - 2023				
East: Grading Excavation - 2023	7.0	51.6	0.28	0.24
West: Building Construction + Architectural Coatings - 2023				
East: Foundations/Concrete Pour (Shoring Wall + Cast in Drilled Hole Foundation) - 2023	4.8	33.2	0.16	0.16
West: Building Construction + Architectural Coatings - 2023				
East: Foundations/Concrete Pour (Mat Foundation) - 2023	3.9	33.9	0.13	0.13
West: Building Construction + Architectural Coatings - 2023				
East: Foundations/Concrete Pour (Column Footings) - 2023	4.8	33.2	0.16	0.16
West: Building Construction + Architectural Coatings - 2023				
East: Building Construction (Structure Equipment Garage) - 2023	5.6	41.6	0.19	0.19
West: Building Construction + Architectrual Coatings + Pavings - 2023				
East: Building Construction (Structure Equipment Tower) - 2023	8.8	62.2	0.25	0.25
West: Building Construction + Architectural Coatings + Pavings - 2023				
East: Building Construction (Structure Equipment Affordable) - 2023	8.8	62.2	0.25	0.25
West: Building Construction + Architectural Coatings + Paving - 2023				
East: Building Construction (Structure Retail) - 2023	8.8	62.2	0.25	0.25
West: Building Construction + Architectural Coatings + Paving - 2023				
East: Building Construction - 2023	8.8	62.2	0.25	0.25
West: Building Construction + Architectural Coatings - 2023				
East: Building Construction - 2023	5.6	41.6	0.19	0.19
West: Building Construction + Architectural Coatings - 2023				
East: Building Construction + Architectural Coatings - 2023	6.3	45.4	0.21	0.21
West: Building Construction + Architectural Coatings - 2024				
East: Building Construction + Architectural Coatings - 2024	6.3	45.4	0.21	0.21
East: Building Construction + Architectural Coatings + Paving - 2024	6.4	43.4	0.17	0.17
East: Building Construction + Architectural Coatings - 2025	3.1	22.7	0.11	0.11
Daily Maximum Emissions	**8.8**	**63.1**	**0.4**	**0.3**
Localized Significance Thresholds	154.0	1755.0	15.0	7.6
Exceeds Threshold?	No	No	No	No

Hollywood Center
Air Quality Construction Analysis
Mitigated - Construction West Site First Scenario
West Site Regional Emissions

Regional Maximums Source	ROG	NOX	CO	SO2	PM10 Total	Total PM2.5
			lb/day			
Demolition - 2021	1.3	23.7	25.3	0.10	2.4	1.0
Utilities/Trenching - 2021	0.1	0.6	9.1	0.02	0.2	0.1
Site Preparation - 2021	0.2	0.7	7.6	0.01	0.3	0.1
Grading - 2021	3.3	67.2	47.5	0.26	8.9	3.3
Grading - 2022	0.9	4.4	36.1	0.07	2.7	0.8
Foundations/Concrete Pour - 2022 (Shoring Wall + Cast in Drilled Hole Foundation)	0.5	3.8	19.0	0.05	3.0	0.9
Foundations/Concrete Pour - 2022 (Mat Foundation)	0.8	14.3	26.0	0.09	4.2	1.2
Foundations/Concrete Pour - 2022 (Column Footings)	0.6	5.1	19.4	0.06	3.2	0.9
Building Construction - 2022 (Structure Equipment Garage)	1.2	12.8	41.2	0.13	7.8	2.2
Building Construction - 2022 (Structure Equipment Tower)	1.1	9.9	40.3	0.12	7.5	2.1
Building Construction - 2022 (Structure Equipment Affordable)	1.1	10.3	40.4	0.13	7.5	2.1
Building Construction - 2022 (Retail)	1.1	9.0	40.1	0.12	7.4	2.1
Building Construction - 2022	1.0	7.1	39.5	0.11	7.2	2.0
Building Construction - 2023	0.9	6.2	37.8	0.11	7.1	2.0
Building Construction - 2024	0.9	6.1	36.6	0.11	7.1	2.0
Architectural Coating - 2022	13.3	0.8	4.4	0.01	0.2	0.1
Architectural Coating - 2023	13.2	0.8	4.3	0.01	0.2	0.1
Architectural Coating - 2024	13.2	0.7	4.3	0.01	0.2	0.1
Paving - 2023	0.5	3.3	21.4	0.04	0.3	0.1
Overlapping Phases						
Demolition + Utilities Trenching + Site Preparation - 2021	1.6	25.0	42.0	0.1	2.9	1.1
Demolition + Site Preparation + Grading/Excavation - 2021	4.7	91.6	80.5	0.4	11.6	4.3
Grading - 2022	0.9	4.4	36.1	0.1	2.7	0.8
Foundations/Concrete Pour - 2022 (Shoring Wall + Cast in Drilled Hole Foundation)	0.5	3.8	19.0	0.1	3.0	0.9
Foundations/Concrete Pour - 2022 (Mat Foundation)	0.8	14.3	26.0	0.1	4.2	1.2
Foundations/Concrete Pour - 2022 (Column Footings)	0.6	5.1	19.4	0.1	3.2	0.9
Building Construction - 2022 (Structure Equipment Garage)	1.2	12.8	41.2	0.1	7.8	2.2
Building Construction - 2022 (Structure Equipment Tower)	1.1	9.9	40.3	0.1	7.5	2.1
Building Construction - 2022 (Structure Equipment Affordable)	1.1	10.3	40.4	0.1	7.5	2.1
Building Construction - 2022 (Retail)	1.1	9.0	40.1	0.1	7.4	2.1
Building Construction + Architectural Coating - 2022	14.3	7.8	43.9	0.1	7.4	2.1
Building Construction + Architectural Coating + Paving - 2023	14.6	10.2	63.6	0.2	7.7	2.2
Building Construction + Architectural Coating - 2024	14.13	6.80	40.91	0.12	7.35	2.06
Daily Maximum Emissions	**15**	**92**	**80**	**0.4**	**12**	**4**
SCAQMD Regional Threshold	75	100	550	150	150	55
Exceeds Threshold?	No	No	No	No	No	No

Hollywood Center
Air Quality Construction Analysis
Mitigated - Construction West Site First Scenario
West Site Onsite Emissions

Localized Emissions Summary Source	NOX	CO lb/day	PM10 Total	Total PM2.5
Demolition - 2021	2.1	21.2	0.15	0.08
Utilities/Trenching - 2021	0.6	8.6	0.02	0.02
Site Preparation - 2021	0.6	6.8	0.05	0.02
Grading - 2021	3.9	28.9	0.18	0.14
Grading - 2022	3.9	28.9	0.18	0.14
Foundations/Concrete Pour - 2022 (Shoring Wall + Cast in Drilled Ho	1.6	10.5	0.06	0.06
Foundations/Concrete Pour - 2022 (Mat Foundation)	1.0	14.2	0.03	0.03
Foundations/Concrete Pour - 2022 (Column Footings)	1.6	10.5	0.06	0.06
Building Construction - 2022 (Structure Equipment Garage)	2.4	18.8	0.08	0.08
Building Construction - 2022 (Structure Equipment Tower)	2.4	18.8	0.08	0.08
Building Construction - 2022 (Structure Equipment Affordable)	2.4	18.8	0.08	0.08
Building Construction - 2022 (Retail)	2.4	18.8	0.08	0.08
Building Construction - 2022	2.4	18.8	0.08	0.08
Building Construction - 2023	2.4	18.8	0.08	0.08
Building Construction - 2024	2.4	18.8	0.08	0.08
Architectural Coating - 2022	0.7	3.9	0.03	0.03
Architectural Coating - 2023	0.7	3.9	0.03	0.03
Architectural Coating - 2024	0.7	3.9	0.03	0.03
Paving - 2023	3.3	20.7	0.06	0.06
Daily Maximum Emission	3.9	28.9	0.18	0.14
Localized Significance Threshold	105	1019	8	5
Exceed Threshold?	No	No	No	No

Overlapping Phases				
Demolition + Utilities Trenching + Site Preparation - 2021	2.7	28.0	0.20	0.10
Demolition + Site Preparation + Grading/Excavation - 2021	6.6	56.9	0.37	0.24
Grading - 2022	3.9	28.9	0.18	0.14
Foundations/Concrete Pour - 2022 (Shoring Wall + Cast in Drilled Hole Foundation)	1.6	10.5	0.06	0.06
Foundations/Concrete Pour - 2022 (Mat Foundation)	1.0	14.2	0.03	0.03
Foundations/Concrete Pour - 2022 (Column Footings)	1.6	10.5	0.06	0.06
Building Construction - 2022 (Structure Equipment Garage)	2.4	18.8	0.08	0.08
Building Construction - 2022 (Structure Equipment Tower)	2.4	18.8	0.08	0.08
Building Construction - 2022 (Structure Equipment Affordable)	2.4	18.8	0.08	0.08
Building Construction - 2022 (Retail)	2.4	18.8	0.08	0.08
Building Construction + Architectural Coating - 2022	3.1	22.7	0.11	0.11
Building Construction + Architectural Coating + Paving - 2023	6.4	43.4	0.17	0.17
Building Construction + Architectural Coating - 2024	3.1	22.7	0.11	0.11
Daily Maximum Emission	**6.6**	**56.9**	**0.4**	**0.2**
Localized Significance Threshold	105	1019	8	5
Exceed Threshold?	No	No	No	No

Hollywood Center
Air Quality Construction Analysis
Mitigated - Construction West Site First Scenario
East Site Regional Emissions

Regional Maximums Source	ROG	NOX	CO	SO2 lb/day	PM10 Total	Total PM2.5
Site Preparation - 2022	0.5	12.6	9.4	0.06	1.8	0.6
Grading - 2022	2.1	48.4	43.0	0.25	8.1	2.6
Grading - 2023	0.9	4.3	35.5	0.07	2.7	0.8
Utilities/Trenching - 2022	0.1	0.6	9.0	0.02	0.2	0.1
Foundations/Concrete Pour (Shoring Wall+Cast In Drilled Hole Foundation) - 2023	0.5	3.3	18.3	0.05	3.0	0.9
Foundations/Concrete Pour (Mat Foundation)- 2023	0.5	8.3	21.1	0.08	3.8	1.1
Foundations/Concrete Pour (Column Footings) - 2023	0.5	4.2	18.6	0.06	3.1	0.9
Building Construction - 2023 (Structure Equipment Garage)	1.0	10.5	39.5	0.13	7.7	2.2
Building Construction - 2023 (Structure Equipment Tower)	1.0	8.1	38.6	0.12	7.4	2.1
Building Construction - 2023 (Structure Equipment Affordable)	1.0	7.9	38.5	0.12	7.4	2.1
Building Construction - 2023 (Retail)	1.0	9.1	38.9	0.13	7.6	2.1
Building Construction - 2023	0.9	6.2	37.8	0.11	7.1	2.0
Building Construction - 2024	0.9	6.1	36.6	0.11	7.1	2.0
Building Construction - 2025	0.8	5.9	35.5	0.11	7.1	2.0
Architectural Coating - 2023	12.9	0.8	4.3	0.01	0.2	0.1
Architectural Coating - 2024	12.9	0.7	4.3	0.01	0.2	0.1
Architectural Coating - 2025	12.9	0.7	4.3	0.01	0.2	0.1
Paving - 2024	0.5	3.3	21.3	0.04	0.3	0.1
Overlapping Phases						
2022						
Site Preparation + Utilities/Trenching + Grading/Excavation - 2022	2.7	61.6	61.5	0.33	10.1	3.2
Grading Excavation - 2023	0.9	4.3	35.5	0.07	2.7	0.8
Foundations/Concrete Pour (Shoring Wall+Cast In Drilled Hole Foundation) - 2023	0.5	3.3	18.3	0.05	3.0	0.9
Foundations/Concrete Pour (Mat Foundation)- 2023	0.5	8.3	21.1	0.08	3.8	1.1
Foundations/Concrete Pour (Column Footings) - 2023	0.5	4.2	18.6	0.06	3.1	0.9
Building Construction - 2023 (Structure Equipment Garage)	1.0	10.5	39.5	0.13	7.7	2.2
Building Construction - 2023 (Structure Equipment Tower)	1.0	8.1	38.6	0.12	7.4	2.1
Building Construction - 2023 (Structure Equipment Affordable)	1.0	7.9	38.5	0.12	7.4	2.1
Building Construction - 2023 (Retail)	1.0	9.1	38.9	0.13	7.6	2.1
Building Construction + Architectural Coating - 2023	13.8	6.9	42.2	0.12	7.4	2.1
Building Construction + Architectural Coating + Paving - 2024	14.2	10.1	62.2	0.15	7.7	2.2
Building Construction + Architectural Coating - 2025	13.7	6.7	39.8	0.12	7.3	2.1
Daily Maximum Emissions	**14**	**62**	**62**	**0.3**	**10**	**3**
SCAQMD Regional Threshold	75	100	550	150	150	55
Exceeds Threshold?	No	No	No	No	No	No

Hollywood Center
Air Quality Construction Analysis
Mitigated - Construction West Site First Scenario
East Site Onsite Emissions

Localized Emissions Summary Source	NOX	CO lb/day	PM10 Total	Total PM2.5
Site Preparation - 2022	0.6	6.8	0.06	0.02
Grading - 2022	3.9	28.9	0.18	0.14
Grading - 2023	3.9	28.9	0.18	0.14
Utilities/Trenching - 2022	0.6	8.6	0.02	0.02
Foundations/Concrete Pour (Shoring Wall+Cast In Drilled Hole Foun	1.6	10.5	0.06	0.06
Foundations/Concrete Pour (Mat Foundation)- 2023	0.8	11.2	0.02	0.02
Foundations/Concrete Pour (Column Footings) - 2023	1.6	10.5	0.06	0.06
Building Construction - 2023 (Structure Equipment Garage)	2.4	18.8	0.08	0.08
Building Construction - 2023 (Structure Equipment Tower)	2.4	18.8	0.08	0.08
Building Construction - 2023 (Structure Equipment Affordable)	2.4	18.8	0.08	0.08
Building Construction - 2023 (Retail)	2.4	18.8	0.08	0.08
Building Construction - 2023	2.4	18.8	0.08	0.08
Building Construction - 2024	2.4	18.8	0.08	0.08
Building Construction - 2025	2.4	18.8	0.08	0.08
Architectural Coating - 2023	0.7	3.9	0.03	0.03
Architectural Coating - 2024	0.7	3.9	0.03	0.03
Architectural Coating - 2025	0.7	3.9	0.03	0.03
Paving - 2024	3.3	20.7	0.06	0.06
Daily Maximum Emission	3.9	28.9	0.18	0.14
Localized Significance Threshold	120.0	1235.0	9.8	5.7
Exceed Threshold?	No	No	No	No

Overlapping Phases				
Site Preparation + Utilities/Trenching + Grading/Excavation - 2022	5.1	44.3	0.3	0.2
Grading Excavation - 2023	3.9	28.9	0.2	0.1
Foundations/Concrete Pour (Shoring Wall+Cast In Drilled Hole Foun	1.6	10.5	0.1	0.1
Foundations/Concrete Pour (Mat Foundation)- 2023	0.8	11.2	0.0	0.0
Foundations/Concrete Pour (Column Footings) - 2023	1.6	10.5	0.1	0.1
Building Construction - 2023 (Structure Equipment Garage)	2.4	18.8	0.1	0.1
Building Construction - 2023 (Structure Equipment Tower)	2.4	18.8	0.1	0.1
Building Construction - 2023 (Structure Equipment Affordable)	2.4	18.8	0.1	0.1
Building Construction - 2023 (Retail)	2.4	18.8	0.1	0.1
Building Construction + Architectural Coating - 2023	3.1	22.7	0.1	0.1
Building Construction + Architectural Coating + Paving - 2024	6.4	43.4	0.2	0.2
Building Construction + Architectural Coating - 2025	3.1	22.7	0.1	0.1
Daily Maximum Emissions	**6.4**	**44.3**	**0.3**	**0.2**
Localized Significance Threshold	120.0	1235.0	9.8	5.7
Exceed Threshold?	No	No	No	No

Hollywood Center-West-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
General Office Building	41.60	1000sqft	0.10	41,600.00	0
Enclosed Parking with Elevator	837.00	Space	0.50	432,956.00	0
Other Non-Asphalt Surfaces	22.45	1000sqft	0.10	22,450.00	0
User Defined Parking	5.16	User Defined Unit	0.22	5,163.00	0
City Park	0.79	Acre	0.10	34,205.00	0
Fast Food Restaurant w/o Drive Thru	1.98	1000sqft	0.10	1,983.00	0
High Turnover (Sit Down Restaurant)	11.24	1000sqft	0.10	11,237.00	0
Apartments Mid Rise	68.00	Dwelling Unit	0.20	67,705.00	194
Condo/Townhouse High Rise	449.00	Dwelling Unit	0.50	581,464.00	1284

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)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see construction assumptions

Construction Phase - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Trips and VMT - construction mobile emissions calculated outside of CalEEMod.

Demolition -

Grading - see construction assumptions

Architectural Coating - see construction assumptions

Construction Off-road Equipment Mitigation - see construction assumptions

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	27,410.00	55,738.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	82,230.00	167,213.00
tblArchitecturalCoating	ConstArea_Parking	27,634.00	26,287.00
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
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tblConstructionPhase	NumDays	20.00	49.00
tblConstructionPhase	NumDays	4.00	279.00
tblConstructionPhase	NumDays	10.00	76.00
tblConstructionPhase	NumDays	2.00	24.00
tblConstructionPhase	NumDaysWeek	5.00	6.00

tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	0.00	1.92
tblGrading	AcresOfGrading	0.00	1.92
tblGrading	MaterialExported	0.00	281,370.00
tblLandUse	LandUseSquareFeet	334,800.00	432,956.00
tblLandUse	LandUseSquareFeet	0.00	5,163.00
tblLandUse	LandUseSquareFeet	34,412.40	34,205.00
tblLandUse	LandUseSquareFeet	1,980.00	1,983.00
tblLandUse	LandUseSquareFeet	11,240.00	11,237.00
tblLandUse	LandUseSquareFeet	68,000.00	67,705.00
tblLandUse	LandUseSquareFeet	449,000.00	581,464.00
tblLandUse	LotAcreage	0.96	0.10
tblLandUse	LotAcreage	7.53	0.50
tblLandUse	LotAcreage	0.52	0.10
tblLandUse	LotAcreage	0.00	0.22
tblLandUse	LotAcreage	0.79	0.10
tblLandUse	LotAcreage	0.05	0.10
tblLandUse	LotAcreage	0.26	0.10
tblLandUse	LotAcreage	1.79	0.20
tblLandUse	LotAcreage	7.02	0.50
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	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	OffRoadEquipmentUnitAmount	1.00	0.00
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tblOffRoadEquipment	UsageHours	6.00	8.00
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tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	HaulingTripNumber	45.00	0.00
tblTripsAndVMT	HaulingTripNumber	35,171.00	0.00
tblTripsAndVMT	VendorTripNumber	145.00	0.00
tblTripsAndVMT	VendorTripNumber	145.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	30.00	0.00
tblTripsAndVMT	WorkerTripNumber	599.00	0.00
tblTripsAndVMT	WorkerTripNumber	599.00	0.00
tblTripsAndVMT	WorkerTripNumber	120.00	0.00

tblTripsAndVMT	WorkerTripNumber	20.00	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					
2021	4.9121	46.4683	44.9894	0.0948	0.4071	2.0568	2.4639	0.0576	1.9492	2.0068	0.0000	9,070.4269	9,070.4269	2.2991	0.0000	9,127.9033
2022	15.9183	25.4670	23.3678	0.0505	0.1214	1.2227	1.2227	0.0181	1.1707	1.1707	0.0000	4,807.9404	4,807.9404	1.4518	0.0000	4,832.4403
2023	17.3868	39.8059	39.5893	0.0846	0.0000	1.8133	1.8133	0.0000	1.7196	1.7196	0.0000	8,082.6203	8,082.6203	1.8596	0.0000	8,129.1103
2024	15.6083	21.8917	23.0655	0.0505	0.0000	0.9650	0.9650	0.0000	0.9232	0.9232	0.0000	4,812.2246	4,812.2246	0.9660	0.0000	4,836.3749
Maximum	**17.3868**	**46.4683**	**44.9894**	**0.0948**	**0.4071**	**2.0568**	**2.4639**	**0.0576**	**1.9492**	**2.0068**	**0.0000**	**9,070.4269**	**9,070.4269**	**2.2991**	**0.0000**	**9,127.9033**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.3766	6.5592	56.8704	0.0948	0.1588	0.2154	0.3742	0.0225	0.2154	0.2379	0.0000	9,070.4269	9,070.4269	2.2991	0.0000	9,127.9033
2022	13.7324	3.8745	28.8955	0.0505	0.0473	0.1294	0.1768	7.0400e-003	0.1294	0.1365	0.0000	4,617.0289	4,617.0289	1.4518	0.0000	4,653.3229
2023	14.2022	6.4078	43.3788	0.0846	0.0000	0.1688	0.1688	0.0000	0.1688	0.1688	0.0000	6,964.9818	6,964.9818	1.4981	0.0000	7,002.4351
2024	13.7324	3.1416	22.7047	0.0505	0.0000	0.1056	0.1056	0.0000	0.1056	0.1056	0.0000	3,694.6100	3,694.6100	0.6046	0.0000	3,709.7237
Maximum	**14.2022**	**6.5592**	**56.8704**	**0.0948**	**0.1588**	**0.2154**	**0.3742**	**0.0225**	**0.2154**	**0.2379**	**0.0000**	**9,070.4269**	**9,070.4269**	**2.2991**	**0.0000**	**9,127.9033**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**20.03**	**85.05**	**-15.91**	**0.00**	**61.00**	**89.78**	**87.23**	**61.02**	**89.25**	**88.85**	**0.00**	**9.06**	**9.06**	**10.99**	**0.00**	**9.03**

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	1/4/2021	3/1/2021	6	49	
2	Utilities/Trenching	Trenching	1/14/2021	2/3/2021	6	18	
3	Site Preparation	Site Preparation	2/1/2021	2/28/2021	6	24	
4	Grading	Grading	2/11/2021	1/2/2022	6	279	
5	Foundations	Building Construction	1/3/2022	2/28/2022	6	49	
6	Building Construction	Building Construction	3/1/2022	3/14/2024	6	639	
7	Architectural Coating	Architectural Coating	10/25/2022	1/31/2024	6	398	
8	Paving	Paving	7/6/2023	10/2/2023	6	76	

Acres of Grading (Site Preparation Phase): 1.92

Acres of Grading (Grading Phase): 1.92

Acres of Paving: 0.82

Residential Indoor: 1,314,567; Residential Outdoor: 438,189; Non-Residential Indoor: 167,213; Non-Residential Outdoor: 55,738; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Air Compressors	1	8.00	78	0.48
Demolition	Concrete/Industrial Saws	2	8.00	81	0.73
Demolition	Dumpers/Tenders	1	8.00	16	0.38
Demolition	Excavators	1	8.00	158	0.38
Demolition	Generator Sets	1	8.00	84	0.74
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Demolition	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Utilities/Trenching	Air Compressors	1	8.00	78	0.48
Utilities/Trenching	Concrete/Industrial Saws	1	8.00	81	0.73
Utilities/Trenching	Cranes	1	8.00	231	0.29
Utilities/Trenching	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Graders	0	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	0	7.00	247	0.40
Site Preparation	Rubber Tired Loaders	1	8.00	203	0.36
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	221	0.50
Grading	Dumpers/Tenders	2	8.00	16	0.38
Grading	Excavators	4	8.00	158	0.38
Grading	Graders	0	6.00	187	0.41
Grading	Plate Compactors	2	8.00	8	0.43
Grading	Rubber Tired Dozers	0	6.00	247	0.40
Grading	Rubber Tired Loaders	2	8.00	203	0.36
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Air Compressors	1	8.00	78	0.48
Foundations	Cranes	1	8.00	231	0.29
Foundations	Dumpers/Tenders	2	8.00	16	0.38
Foundations	Forklifts	1	8.00	89	0.20
Foundations	Generator Sets	1	8.00	84	0.74
Foundations	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Welders	0	8.00	46	0.45
Building Construction	Air Compressors	1	8.00	78	0.48
Building Construction	Bore/Drill Rigs	1	8.00	221	0.50
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Dumpers/Tenders	2	8.00	16	0.38
Building Construction	Forklifts	1	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74

Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48
Architectural Coating	Dumpers/Tenders	1	8.00	16	0.38
Architectural Coating	Forklifts	1	8.00	89	0.20
Paving	Cement and Mortar Mixers	0	6.00	9	0.56
Paving	Concrete/Industrial Saws	1	8.00	81	0.73
Paving	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Plate Compactors	1	8.00	8	0.43
Paving	Rollers	1	8.00	80	0.38
Paving	Surfacing Equipment	1	8.00	263	0.30
Paving	Sweepers/Scrubbers	1	8.00	64	0.46
Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Utilities/Trenching	4	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	12	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Foundations	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	10	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2009	0.0000	0.2009	0.0304	0.0000	0.0304			0.0000			0.0000
Off-Road	2.0646	17.7595	18.5775	0.0352		0.8902	0.8902		0.8715	0.8715		3,349.9864	3,349.9864	0.4904		3,362.2472
Total	**2.0646**	**17.7595**	**18.5775**	**0.0352**	**0.2009**	**0.8902**	**1.0911**	**0.0304**	**0.8715**	**0.9020**		**3,349.9864**	**3,349.9864**	**0.4904**		**3,362.2472**

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**

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					0.0784	0.0000	0.0784	0.0119	0.0000	0.0119			0.0000			0.0000
Off-Road	0.4449	2.0741	21.2213	0.0352		0.0670	0.0670		0.0670	0.0670	0.0000	3,349.9864	3,349.9864	0.4904		3,362.2472
Total	**0.4449**	**2.0741**	**21.2213**	**0.0352**	**0.0784**	**0.0670**	**0.1454**	**0.0119**	**0.0670**	**0.0789**	**0.0000**	**3,349.9864**	**3,349.9864**	**0.4904**		**3,362.2472**

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**

3.3 Utilities/Trenching - 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	1.2769	11.8188	10.3405	0.0191		0.6072	0.6072		0.5825	0.5825		1,827.5675	1,827.5675	0.3382		1,836.0224
Total	**1.2769**	**11.8188**	**10.3405**	**0.0191**		**0.6072**	**0.6072**		**0.5825**	**0.5825**		**1,827.5675**	**1,827.5675**	**0.3382**		**1,836.0224**

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**

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	0.1402	0.6074	8.6439	0.0191		0.0187	0.0187		0.0187	0.0187	0.0000	1,268.8288	1,268.8288	0.1575		1,272.7659
Total	**0.1402**	**0.6074**	**8.6439**	**0.0191**		**0.0187**	**0.0187**		**0.0187**	**0.0187**	**0.0000**	**1,268.8288**	**1,268.8288**	**0.1575**		**1,272.7659**

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**

3.4 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0848	0.0000	0.0848	9.1600e-003	0.0000	9.1600e-003			0.0000			0.0000
Off-Road	0.5722	6.0172	4.8705	0.0114		0.2333	0.2333		0.2146	0.2146		1,105.4182	1,105.4182	0.3575		1,114.3561
Total	**0.5722**	**6.0172**	**4.8705**	**0.0114**	**0.0848**	**0.2333**	**0.3181**	**9.1600e-003**	**0.2146**	**0.2238**		**1,105.4182**	**1,105.4182**	**0.3575**		**1,114.3561**

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**

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					0.0331	0.0000	0.0331	3.5700e-003	0.0000	3.5700e-003			0.0000			0.0000
Off-Road	0.1409	0.6104	6.7536	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.4182	1,105.4182	0.3575		1,114.3561
Total	**0.1409**	**0.6104**	**6.7536**	**0.0114**	**0.0331**	**0.0188**	**0.0519**	**3.5700e-003**	**0.0188**	**0.0224**	**0.0000**	**1,105.4182**	**1,105.4182**	**0.3575**		**1,114.3561**

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**

3.5 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1214	0.0000	0.1214	0.0181	0.0000	0.0181			0.0000			0.0000
Off-Road	2.2753	22.6916	21.5414	0.0482		0.9334	0.9334		0.8630	0.8630		4,615.0222	4,615.0222	1.4511		4,651.3000
Total	**2.2753**	**22.6916**	**21.5414**	**0.0482**	**0.1214**	**0.9334**	**1.0547**	**0.0181**	**0.8630**	**0.8811**		**4,615.0222**	**4,615.0222**	**1.4511**		**4,651.3000**

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**

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					0.0473	0.0000	0.0473	7.0400e-003	0.0000	7.0400e-003			0.0000			0.0000
Off-Road	0.7908	3.8747	28.8955	0.0482		0.1297	0.1297		0.1297	0.1297	0.0000	4,615.0222	4,615.0222	1.4511		4,651.3000
Total	**0.7908**	**3.8747**	**28.8955**	**0.0482**	**0.0473**	**0.1297**	**0.1770**	**7.0400e-003**	**0.1297**	**0.1367**	**0.0000**	**4,615.0222**	**4,615.0222**	**1.4511**		**4,651.3000**

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**

3.5 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1214	0.0000	0.1214	0.0181	0.0000	0.0181			0.0000			0.0000
Off-Road	2.0084	18.5316	21.2847	0.0482		0.7637	0.7637		0.7070	0.7070		4,617.0289	4,617.0289	1.4518		4,653.3229
Total	**2.0084**	**18.5316**	**21.2847**	**0.0482**	**0.1214**	**0.7637**	**0.8851**	**0.0181**	**0.7070**	**0.7251**		**4,617.0289**	**4,617.0289**	**1.4518**		**4,653.3229**

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**

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					0.0473	0.0000	0.0473	7.0400e-003	0.0000	7.0400e-003			0.0000			0.0000
Off-Road	0.7908	3.8745	28.8955	0.0482		0.1294	0.1294		0.1294	0.1294	0.0000	4,617.0289	4,617.0289	1.4518		4,653.3229
Total	**0.7908**	**3.8745**	**28.8955**	**0.0482**	**0.0473**	**0.1294**	**0.1768**	**7.0400e-003**	**0.1294**	**0.1365**	**0.0000**	**4,617.0289**	**4,617.0289**	**1.4518**		**4,653.3229**

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**

3.6 Foundations - 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	1.4009	12.6501	11.8797	0.0225		0.6243	0.6243		0.5976	0.5976		2,128.2794	2,128.2794	0.3932		2,138.1083
Total	**1.4009**	**12.6501**	**11.8797**	**0.0225**		**0.6243**	**0.6243**		**0.5976**	**0.5976**		**2,128.2794**	**2,128.2794**	**0.3932**		**2,138.1083**

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**

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	0.3091	1.6320	10.5049	0.0225		0.0564	0.0564		0.0564	0.0564	0.0000	1,569.4491	1,569.4491	0.2124		1,574.7595
Total	**0.3091**	**1.6320**	**10.5049**	**0.0225**		**0.0564**	**0.0564**		**0.0564**	**0.0564**	**0.0000**	**1,569.4491**	**1,569.4491**	**0.2124**		**1,574.7595**

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**

3.7 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3499	22.0696	19.5451	0.0442		1.0265	1.0265		0.9801	0.9801		4,223.7051	4,223.7051	0.9012		4,246.2339
Total	**2.3499**	**22.0696**	**19.5451**	**0.0442**		**1.0265**	**1.0265**		**0.9801**	**0.9801**		**4,223.7051**	**4,223.7051**	**0.9012**		**4,246.2339**

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**

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	0.4918	2.4238	18.8488	0.0442		0.0807	0.0807		0.0807	0.0807	0.0000	3,106.0444	3,106.0444	0.5397		3,119.5363
Total	**0.4918**	**2.4238**	**18.8488**	**0.0442**		**0.0807**	**0.0807**		**0.0807**	**0.0807**	**0.0000**	**3,106.0444**	**3,106.0444**	**0.5397**		**3,119.5363**

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**

3.7 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2080	20.3008	19.3889	0.0443		0.9121	0.9121		0.8705	0.8705		4,225.8629	4,225.8629	0.8944		4,248.2225
Total	**2.2080**	**20.3008**	**19.3889**	**0.0443**		**0.9121**	**0.9121**		**0.8705**	**0.8705**		**4,225.8629**	**4,225.8629**	**0.8944**		**4,248.2225**

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**

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	0.4918	2.4238	18.8488	0.0443		0.0807	0.0807		0.0807	0.0807	0.0000	3,108.2244	3,108.2244	0.5329		3,121.5474
Total	**0.4918**	**2.4238**	**18.8488**	**0.0443**		**0.0807**	**0.0807**		**0.0807**	**0.0807**	**0.0000**	**3,108.2244**	**3,108.2244**	**0.5329**		**3,121.5474**

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**

3.7 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0910	18.9186	19.2617	0.0443		0.8155	0.8155		0.7778	0.7778		4,227.9894	4,227.9894	0.8905		4,250.2510
Total	**2.0910**	**18.9186**	**19.2617**	**0.0443**		**0.8155**	**0.8155**		**0.7778**	**0.7778**		**4,227.9894**	**4,227.9894**	**0.8905**		**4,250.2510**

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**

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	0.4918	2.4238	18.8490	0.0443		0.0805	0.0805		0.0805	0.0805	0.0000	3,110.3747	3,110.3747	0.5290		3,123.5998
Total	**0.4918**	**2.4238**	**18.8490**	**0.0443**		**0.0805**	**0.0805**		**0.0805**	**0.0805**	**0.0000**	**3,110.3747**	**3,110.3747**	**0.5290**		**3,123.5998**

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**

3.8 Architectural Coating - 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	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4598	3.3974	3.8227	6.2400e-003		0.1962	0.1962		0.1906	0.1906		584.2352	584.2352	0.0789		586.2065
Total	**13.5684**	**3.3974**	**3.8227**	**6.2400e-003**		**0.1962**	**0.1962**		**0.1906**	**0.1906**		**584.2352**	**584.2352**	**0.0789**		**586.2065**

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**

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	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1319	0.7178	3.8556	6.2400e-003		0.0252	0.0252		0.0252	0.0252	0.0000	584.2352	584.2352	0.0789		586.2065
Total	**13.2405**	**0.7178**	**3.8556**	**6.2400e-003**		**0.0252**	**0.0252**		**0.0252**	**0.0252**	**0.0000**	**584.2352**	**584.2352**	**0.0789**		**586.2065**

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**

3.8 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4315	3.1615	3.8104	6.2400e-003		0.1711	0.1711		0.1664	0.1664		584.2352	584.2352	0.0769		586.1569
Total	**13.5402**	**3.1615**	**3.8104**	**6.2400e-003**		**0.1711**	**0.1711**		**0.1664**	**0.1664**		**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

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	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1319	0.7178	3.8556	6.2400e-003		0.0252	0.0252		0.0252	0.0252	0.0000	584.2352	584.2352	0.0769		586.1569
Total	**13.2405**	**0.7178**	**3.8556**	**6.2400e-003**		**0.0252**	**0.0252**		**0.0252**	**0.0252**	**0.0000**	**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

3.8 Architectural Coating - 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					
Archit. Coating	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4087	2.9731	3.8037	6.2400e-003		0.1495	0.1495		0.1454	0.1454		584.2352	584.2352	0.0756		586.1239
Total	**13.5173**	**2.9731**	**3.8037**	**6.2400e-003**		**0.1495**	**0.1495**		**0.1454**	**0.1454**		**584.2352**	**584.2352**	**0.0756**		**586.1239**

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**

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	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1319	0.7178	3.8557	6.2400e-003		0.0251	0.0251		0.0251	0.0251	0.0000	584.2352	584.2352	0.0756		586.1239
Total	**13.2405**	**0.7178**	**3.8557**	**6.2400e-003**		**0.0251**	**0.0251**		**0.0251**	**0.0251**	**0.0000**	**584.2352**	**584.2352**	**0.0756**		**586.1239**

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**

3.9 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6387	16.3436	16.3899	0.0341		0.7301	0.7301		0.6827	0.6827		3,272.5221	3,272.5221	0.8884		3,294.7309
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6387**	**16.3436**	**16.3899**	**0.0341**		**0.7301**	**0.7301**		**0.6827**	**0.6827**		**3,272.5221**	**3,272.5221**	**0.8884**		**3,294.7309**

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**

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	0.4699	3.2662	20.6744	0.0341		0.0629	0.0629		0.0629	0.0629	0.0000	3,272.5221	3,272.5221	0.8884		3,294.7309
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4699**	**3.2662**	**20.6744**	**0.0341**		**0.0629**	**0.0629**		**0.0629**	**0.0629**	**0.0000**	**3,272.5221**	**3,272.5221**	**0.8884**		**3,294.7309**

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**

Hollywood Center-West-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
General Office Building	41.60	1000sqft	0.10	41,600.00	0
Enclosed Parking with Elevator	837.00	Space	0.50	432,956.00	0
Other Non-Asphalt Surfaces	22.45	1000sqft	0.10	22,450.00	0
User Defined Parking	5.16	User Defined Unit	0.22	5,163.00	0
City Park	0.79	Acre	0.10	34,205.00	0
Fast Food Restaurant w/o Drive Thru	1.98	1000sqft	0.10	1,983.00	0
High Turnover (Sit Down Restaurant)	11.24	1000sqft	0.10	11,237.00	0
Apartments Mid Rise	68.00	Dwelling Unit	0.20	67,705.00	194
Condo/Townhouse High Rise	449.00	Dwelling Unit	0.50	581,464.00	1284

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)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see construction assumptions

Construction Phase - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Trips and VMT - construction mobile emissions calculated outside of CalEEMod.

Demolition -

Grading - see construction assumptions

Architectural Coating - see construction assumptions

Construction Off-road Equipment Mitigation - see construction assumptions

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	27,410.00	55,738.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	82,230.00	167,213.00
tblArchitecturalCoating	ConstArea_Parking	27,634.00	26,287.00
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
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tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
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tblGrading	AcresOfGrading	0.00	1.92
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tblLandUse	LandUseSquareFeet	0.00	5,163.00
tblLandUse	LandUseSquareFeet	34,412.40	34,205.00
tblLandUse	LandUseSquareFeet	1,980.00	1,983.00
tblLandUse	LandUseSquareFeet	11,240.00	11,237.00
tblLandUse	LandUseSquareFeet	68,000.00	67,705.00
tblLandUse	LandUseSquareFeet	449,000.00	581,464.00
tblLandUse	LotAcreage	0.96	0.10
tblLandUse	LotAcreage	7.53	0.50
tblLandUse	LotAcreage	0.52	0.10
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tblLandUse	LotAcreage	1.79	0.20
tblLandUse	LotAcreage	7.02	0.50
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
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tblTripsAndVMT	HaulingTripNumber	35,171.00	0.00
tblTripsAndVMT	VendorTripNumber	145.00	0.00
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tblTripsAndVMT	WorkerTripNumber	18.00	0.00
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tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	30.00	0.00
tblTripsAndVMT	WorkerTripNumber	599.00	0.00
tblTripsAndVMT	WorkerTripNumber	599.00	0.00
tblTripsAndVMT	WorkerTripNumber	120.00	0.00

tblTripsAndVMT	WorkerTripNumber	20.00	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					
2021	4.9121	46.4683	44.9894	0.0948	0.4071	2.0568	2.4639	0.0576	1.9492	2.0068	0.0000	9,070.4269	9,070.4269	2.2991	0.0000	9,127.9033
2022	15.9183	25.4670	23.3678	0.0505	0.1214	1.2227	1.2227	0.0181	1.1707	1.1707	0.0000	4,807.9404	4,807.9404	1.4518	0.0000	4,832.4403
2023	17.3868	39.8059	39.5893	0.0846	0.0000	1.8133	1.8133	0.0000	1.7196	1.7196	0.0000	8,082.6203	8,082.6203	1.8596	0.0000	8,129.1103
2024	15.6083	21.8917	23.0655	0.0505	0.0000	0.9650	0.9650	0.0000	0.9232	0.9232	0.0000	4,812.2246	4,812.2246	0.9660	0.0000	4,836.3749
Maximum	**17.3868**	**46.4683**	**44.9894**	**0.0948**	**0.4071**	**2.0568**	**2.4639**	**0.0576**	**1.9492**	**2.0068**	**0.0000**	**9,070.4269**	**9,070.4269**	**2.2991**	**0.0000**	**9,127.9033**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.3766	6.5592	56.8704	0.0948	0.1588	0.2154	0.3742	0.0225	0.2154	0.2379	0.0000	9,070.4269	9,070.4269	2.2991	0.0000	9,127.9033
2022	13.7324	3.8745	28.8955	0.0505	0.0473	0.1294	0.1768	7.0400e-003	0.1294	0.1365	0.0000	4,617.0289	4,617.0289	1.4518	0.0000	4,653.3229
2023	14.2022	6.4078	43.3788	0.0846	0.0000	0.1688	0.1688	0.0000	0.1688	0.1688	0.0000	6,964.9818	6,964.9818	1.4981	0.0000	7,002.4351
2024	13.7324	3.1416	22.7047	0.0505	0.0000	0.1056	0.1056	0.0000	0.1056	0.1056	0.0000	3,694.6100	3,694.6100	0.6046	0.0000	3,709.7237
Maximum	**14.2022**	**6.5592**	**56.8704**	**0.0948**	**0.1588**	**0.2154**	**0.3742**	**0.0225**	**0.2154**	**0.2379**	**0.0000**	**9,070.4269**	**9,070.4269**	**2.2991**	**0.0000**	**9,127.9033**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**20.03**	**85.05**	**-15.91**	**0.00**	**61.00**	**89.78**	**87.23**	**61.02**	**89.25**	**88.85**	**0.00**	**9.06**	**9.06**	**10.99**	**0.00**	**9.03**

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	1/4/2021	3/1/2021	6	49	
2	Utilities/Trenching	Trenching	1/14/2021	2/3/2021	6	18	
3	Site Preparation	Site Preparation	2/1/2021	2/28/2021	6	24	
4	Grading	Grading	2/11/2021	1/2/2022	6	279	
5	Foundations	Building Construction	1/3/2022	2/28/2022	6	49	
6	Building Construction	Building Construction	3/1/2022	3/14/2024	6	639	
7	Architectural Coating	Architectural Coating	10/25/2022	1/31/2024	6	398	
8	Paving	Paving	7/6/2023	10/2/2023	6	76	

Acres of Grading (Site Preparation Phase): 1.92

Acres of Grading (Grading Phase): 1.92

Acres of Paving: 0.82

Residential Indoor: 1,314,567; Residential Outdoor: 438,189; Non-Residential Indoor: 167,213; Non-Residential Outdoor: 55,738; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Air Compressors	1	8.00	78	0.48
Demolition	Concrete/Industrial Saws	2	8.00	81	0.73
Demolition	Dumpers/Tenders	1	8.00	16	0.38
Demolition	Excavators	1	8.00	158	0.38
Demolition	Generator Sets	1	8.00	84	0.74
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Demolition	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Utilities/Trenching	Air Compressors	1	8.00	78	0.48

Utilities/Trenching	Concrete/Industrial Saws	1	8.00	81	0.73
Utilities/Trenching	Cranes	1	8.00	231	0.29
Utilities/Trenching	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Graders	0	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	0	7.00	247	0.40
Site Preparation	Rubber Tired Loaders	1	8.00	203	0.36
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	221	0.50
Grading	Dumpers/Tenders	2	8.00	16	0.38
Grading	Excavators	4	8.00	158	0.38
Grading	Graders	0	6.00	187	0.41
Grading	Plate Compactors	2	8.00	8	0.43
Grading	Rubber Tired Dozers	0	6.00	247	0.40
Grading	Rubber Tired Loaders	2	8.00	203	0.36
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Air Compressors	1	8.00	78	0.48
Foundations	Cranes	1	8.00	231	0.29
Foundations	Dumpers/Tenders	2	8.00	16	0.38
Foundations	Forklifts	1	8.00	89	0.20
Foundations	Generator Sets	1	8.00	84	0.74
Foundations	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Welders	0	8.00	46	0.45
Building Construction	Air Compressors	1	8.00	78	0.48
Building Construction	Bore/Drill Rigs	1	8.00	221	0.50
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Dumpers/Tenders	2	8.00	16	0.38
Building Construction	Forklifts	1	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Pumps	1	8.00	84	0.74

Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48
Architectural Coating	Dumpers/Tenders	1	8.00	16	0.38
Architectural Coating	Forklifts	1	8.00	89	0.20
Paving	Cement and Mortar Mixers	0	6.00	9	0.56
Paving	Concrete/Industrial Saws	1	8.00	81	0.73
Paving	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Plate Compactors	1	8.00	8	0.43
Paving	Rollers	1	8.00	80	0.38
Paving	Surfacing Equipment	1	8.00	263	0.30
Paving	Sweepers/Scrubbers	1	8.00	64	0.46
Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Utilities/Trenching	4	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	12	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Foundations	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	10	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2009	0.0000	0.2009	0.0304	0.0000	0.0304			0.0000			0.0000
Off-Road	2.0646	17.7595	18.5775	0.0352		0.8902	0.8902		0.8715	0.8715		3,349.9864	3,349.9864	0.4904		3,362.2472
Total	**2.0646**	**17.7595**	**18.5775**	**0.0352**	**0.2009**	**0.8902**	**1.0911**	**0.0304**	**0.8715**	**0.9020**		**3,349.9864**	**3,349.9864**	**0.4904**		**3,362.2472**

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**

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					0.0784	0.0000	0.0784	0.0119	0.0000	0.0119			0.0000			0.0000
Off-Road	0.4449	2.0741	21.2213	0.0352		0.0670	0.0670		0.0670	0.0670	0.0000	3,349.9864	3,349.9864	0.4904		3,362.2472
Total	**0.4449**	**2.0741**	**21.2213**	**0.0352**	**0.0784**	**0.0670**	**0.1454**	**0.0119**	**0.0670**	**0.0789**	**0.0000**	**3,349.9864**	**3,349.9864**	**0.4904**		**3,362.2472**

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**

3.3 Utilities/Trenching - 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	1.2769	11.8188	10.3405	0.0191		0.6072	0.6072		0.5825	0.5825		1,827.5675	1,827.5675	0.3382		1,836.0224
Total	**1.2769**	**11.8188**	**10.3405**	**0.0191**		**0.6072**	**0.6072**		**0.5825**	**0.5825**		**1,827.5675**	**1,827.5675**	**0.3382**		**1,836.0224**

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**

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	0.1402	0.6074	8.6439	0.0191		0.0187	0.0187		0.0187	0.0187	0.0000	1,268.8288	1,268.8288	0.1575		1,272.7659
Total	**0.1402**	**0.6074**	**8.6439**	**0.0191**		**0.0187**	**0.0187**		**0.0187**	**0.0187**	**0.0000**	**1,268.8288**	**1,268.8288**	**0.1575**		**1,272.7659**

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**

3.4 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0848	0.0000	0.0848	9.1600e-003	0.0000	9.1600e-003			0.0000			0.0000
Off-Road	0.5722	6.0172	4.8705	0.0114		0.2333	0.2333		0.2146	0.2146		1,105.4182	1,105.4182	0.3575		1,114.3561
Total	**0.5722**	**6.0172**	**4.8705**	**0.0114**	**0.0848**	**0.2333**	**0.3181**	**9.1600e-003**	**0.2146**	**0.2238**		**1,105.4182**	**1,105.4182**	**0.3575**		**1,114.3561**

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**

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					0.0331	0.0000	0.0331	3.5700e-003	0.0000	3.5700e-003			0.0000			0.0000
Off-Road	0.1409	0.6104	6.7536	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.4182	1,105.4182	0.3575		1,114.3561
Total	**0.1409**	**0.6104**	**6.7536**	**0.0114**	**0.0331**	**0.0188**	**0.0519**	**3.5700e-003**	**0.0188**	**0.0224**	**0.0000**	**1,105.4182**	**1,105.4182**	**0.3575**		**1,114.3561**

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**

3.5 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1214	0.0000	0.1214	0.0181	0.0000	0.0181			0.0000			0.0000
Off-Road	2.2753	22.6916	21.5414	0.0482		0.9334	0.9334		0.8630	0.8630		4,615.0222	4,615.0222	1.4511		4,651.3000
Total	**2.2753**	**22.6916**	**21.5414**	**0.0482**	**0.1214**	**0.9334**	**1.0547**	**0.0181**	**0.8630**	**0.8811**		**4,615.0222**	**4,615.0222**	**1.4511**		**4,651.3000**

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**

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					0.0473	0.0000	0.0473	7.0400e-003	0.0000	7.0400e-003			0.0000			0.0000
Off-Road	0.7908	3.8747	28.8955	0.0482		0.1297	0.1297		0.1297	0.1297	0.0000	4,615.0222	4,615.0222	1.4511		4,651.3000
Total	**0.7908**	**3.8747**	**28.8955**	**0.0482**	**0.0473**	**0.1297**	**0.1770**	**7.0400e-003**	**0.1297**	**0.1367**	**0.0000**	**4,615.0222**	**4,615.0222**	**1.4511**		**4,651.3000**

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**

3.5 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1214	0.0000	0.1214	0.0181	0.0000	0.0181			0.0000			0.0000
Off-Road	2.0084	18.5316	21.2847	0.0482		0.7637	0.7637		0.7070	0.7070		4,617.0289	4,617.0289	1.4518		4,653.3229
Total	**2.0084**	**18.5316**	**21.2847**	**0.0482**	**0.1214**	**0.7637**	**0.8851**	**0.0181**	**0.7070**	**0.7251**		**4,617.0289**	**4,617.0289**	**1.4518**		**4,653.3229**

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**

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					0.0473	0.0000	0.0473	7.0400e-003	0.0000	7.0400e-003			0.0000			0.0000
Off-Road	0.7908	3.8745	28.8955	0.0482		0.1294	0.1294		0.1294	0.1294	0.0000	4,617.0289	4,617.0289	1.4518		4,653.3229
Total	**0.7908**	**3.8745**	**28.8955**	**0.0482**	**0.0473**	**0.1294**	**0.1768**	**7.0400e-003**	**0.1294**	**0.1365**	**0.0000**	**4,617.0289**	**4,617.0289**	**1.4518**		**4,653.3229**

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**

3.6 Foundations - 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	1.4009	12.6501	11.8797	0.0225		0.6243	0.6243		0.5976	0.5976		2,128.2794	2,128.2794	0.3932		2,138.1083
Total	**1.4009**	**12.6501**	**11.8797**	**0.0225**		**0.6243**	**0.6243**		**0.5976**	**0.5976**		**2,128.2794**	**2,128.2794**	**0.3932**		**2,138.1083**

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**

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	0.3091	1.6320	10.5049	0.0225		0.0564	0.0564		0.0564	0.0564	0.0000	1,569.4491	1,569.4491	0.2124		1,574.7595
Total	**0.3091**	**1.6320**	**10.5049**	**0.0225**		**0.0564**	**0.0564**		**0.0564**	**0.0564**	**0.0000**	**1,569.4491**	**1,569.4491**	**0.2124**		**1,574.7595**

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**

3.7 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3499	22.0696	19.5451	0.0442		1.0265	1.0265		0.9801	0.9801		4,223.7051	4,223.7051	0.9012		4,246.2339
Total	**2.3499**	**22.0696**	**19.5451**	**0.0442**		**1.0265**	**1.0265**		**0.9801**	**0.9801**		**4,223.7051**	**4,223.7051**	**0.9012**		**4,246.2339**

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**

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	0.4918	2.4238	18.8488	0.0442		0.0807	0.0807		0.0807	0.0807	0.0000	3,106.0444	3,106.0444	0.5397		3,119.5363
Total	**0.4918**	**2.4238**	**18.8488**	**0.0442**		**0.0807**	**0.0807**		**0.0807**	**0.0807**	**0.0000**	**3,106.0444**	**3,106.0444**	**0.5397**		**3,119.5363**

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**

3.7 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2080	20.3008	19.3889	0.0443		0.9121	0.9121		0.8705	0.8705		4,225.8629	4,225.8629	0.8944		4,248.2225
Total	**2.2080**	**20.3008**	**19.3889**	**0.0443**		**0.9121**	**0.9121**		**0.8705**	**0.8705**		**4,225.8629**	**4,225.8629**	**0.8944**		**4,248.2225**

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**

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	0.4918	2.4238	18.8488	0.0443		0.0807	0.0807		0.0807	0.0807	0.0000	3,108.2244	3,108.2244	0.5329		3,121.5474
Total	**0.4918**	**2.4238**	**18.8488**	**0.0443**		**0.0807**	**0.0807**		**0.0807**	**0.0807**	**0.0000**	**3,108.2244**	**3,108.2244**	**0.5329**		**3,121.5474**

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**

3.7 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0910	18.9186	19.2617	0.0443		0.8155	0.8155		0.7778	0.7778		4,227.9894	4,227.9894	0.8905		4,250.2510
Total	**2.0910**	**18.9186**	**19.2617**	**0.0443**		**0.8155**	**0.8155**		**0.7778**	**0.7778**		**4,227.9894**	**4,227.9894**	**0.8905**		**4,250.2510**

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**

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	0.4918	2.4238	18.8490	0.0443		0.0805	0.0805		0.0805	0.0805	0.0000	3,110.3747	3,110.3747	0.5290		3,123.5998
Total	**0.4918**	**2.4238**	**18.8490**	**0.0443**		**0.0805**	**0.0805**		**0.0805**	**0.0805**	**0.0000**	**3,110.3747**	**3,110.3747**	**0.5290**		**3,123.5998**

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**

3.8 Architectural Coating - 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	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4598	3.3974	3.8227	6.2400e-003		0.1962	0.1962		0.1906	0.1906		584.2352	584.2352	0.0789		586.2065
Total	**13.5684**	**3.3974**	**3.8227**	**6.2400e-003**		**0.1962**	**0.1962**		**0.1906**	**0.1906**		**584.2352**	**584.2352**	**0.0789**		**586.2065**

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**

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	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1319	0.7178	3.8556	6.2400e-003		0.0252	0.0252		0.0252	0.0252	0.0000	584.2352	584.2352	0.0789		586.2065
Total	**13.2405**	**0.7178**	**3.8556**	**6.2400e-003**		**0.0252**	**0.0252**		**0.0252**	**0.0252**	**0.0000**	**584.2352**	**584.2352**	**0.0789**		**586.2065**

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**

3.8 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4315	3.1615	3.8104	6.2400e-003		0.1711	0.1711		0.1664	0.1664		584.2352	584.2352	0.0769		586.1569
Total	**13.5402**	**3.1615**	**3.8104**	**6.2400e-003**		**0.1711**	**0.1711**		**0.1664**	**0.1664**		**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

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	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1319	0.7178	3.8556	6.2400e-003		0.0252	0.0252		0.0252	0.0252	0.0000	584.2352	584.2352	0.0769		586.1569
Total	**13.2405**	**0.7178**	**3.8556**	**6.2400e-003**		**0.0252**	**0.0252**		**0.0252**	**0.0252**	**0.0000**	**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

3.8 Architectural Coating - 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					
Archit. Coating	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4087	2.9731	3.8037	6.2400e-003		0.1495	0.1495		0.1454	0.1454		584.2352	584.2352	0.0756		586.1239
Total	**13.5173**	**2.9731**	**3.8037**	**6.2400e-003**		**0.1495**	**0.1495**		**0.1454**	**0.1454**		**584.2352**	**584.2352**	**0.0756**		**586.1239**

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**

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	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1319	0.7178	3.8557	6.2400e-003		0.0251	0.0251		0.0251	0.0251	0.0000	584.2352	584.2352	0.0756		586.1239
Total	**13.2405**	**0.7178**	**3.8557**	**6.2400e-003**		**0.0251**	**0.0251**		**0.0251**	**0.0251**	**0.0000**	**584.2352**	**584.2352**	**0.0756**		**586.1239**

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**

3.9 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6387	16.3436	16.3899	0.0341		0.7301	0.7301		0.6827	0.6827		3,272.5221	3,272.5221	0.8884		3,294.7309
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6387**	**16.3436**	**16.3899**	**0.0341**		**0.7301**	**0.7301**		**0.6827**	**0.6827**		**3,272.5221**	**3,272.5221**	**0.8884**		**3,294.7309**

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**

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	0.4699	3.2662	20.6744	0.0341		0.0629	0.0629		0.0629	0.0629	0.0000	3,272.5221	3,272.5221	0.8884		3,294.7309
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4699**	**3.2662**	**20.6744**	**0.0341**		**0.0629**	**0.0629**		**0.0629**	**0.0629**	**0.0000**	**3,272.5221**	**3,272.5221**	**0.8884**		**3,294.7309**

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**

Hollywood Center-East-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
General Office Building	32.66	1000sqft	0.10	32,665.00	0
Enclosed Parking with Elevator	684.00	Space	0.80	353,824.00	0
Other Non-Asphalt Surfaces	21.15	1000sqft	0.10	21,150.00	0
User Defined Parking	1.63	User Defined Unit	0.14	1,627.00	0
City Park	0.81	Acre	0.10	35,300.00	0
Fast Food Restaurant w/o Drive Thru	2.73	1000sqft	0.10	2,732.00	0
High Turnover (Sit Down Restaurant)	15.48	1000sqft	0.10	15,482.00	0
Apartments Mid Rise	65.00	Dwelling Unit	0.30	67,149.00	186
Condo/Townhouse High Rise	423.00	Dwelling Unit	0.95	575,100.00	1210

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see construction assumptions

Construction Phase - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment -

Trips and VMT - construction mobile emissions calculated outside of CalEEMod.

Grading - see construction assumptions

Architectural Coating - see construction assumptions

Construction Off-road Equipment Mitigation - see construction assumptions

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	25,440.00	53,665.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	76,319.00	160,994.00
tblArchitecturalCoating	ConstArea_Parking	22,596.00	21,327.00
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
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tblConstructionPhase	NumDays	220.00	726.00
tblConstructionPhase	NumDays	6.00	259.00
tblConstructionPhase	NumDays	10.00	78.00
tblConstructionPhase	NumDays	3.00	27.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00

tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	0.00	2.69
tblGrading	AcresOfGrading	0.00	2.69
tblGrading	MaterialExported	0.00	260,930.00
tblGrading	MaterialExported	0.00	704.00
tblLandUse	LandUseSquareFeet	32,660.00	32,665.00
tblLandUse	LandUseSquareFeet	273,600.00	353,824.00
tblLandUse	LandUseSquareFeet	0.00	1,627.00
tblLandUse	LandUseSquareFeet	35,283.60	35,300.00
tblLandUse	LandUseSquareFeet	2,730.00	2,732.00
tblLandUse	LandUseSquareFeet	15,480.00	15,482.00
tblLandUse	LandUseSquareFeet	65,000.00	67,149.00
tblLandUse	LandUseSquareFeet	423,000.00	575,100.00
tblLandUse	LotAcreage	0.75	0.10
tblLandUse	LotAcreage	6.16	0.80
tblLandUse	LotAcreage	0.49	0.10
tblLandUse	LotAcreage	0.00	0.14
tblLandUse	LotAcreage	0.81	0.10
tblLandUse	LotAcreage	0.06	0.10
tblLandUse	LotAcreage	0.36	0.10
tblLandUse	LotAcreage	1.71	0.30
tblLandUse	LotAcreage	6.61	0.95
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
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tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	HaulingTripNumber	88.00	0.00
tblTripsAndVMT	HaulingTripNumber	32,616.00	0.00
tblTripsAndVMT	VendorTripNumber	128.00	0.00
tblTripsAndVMT	VendorTripNumber	128.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	30.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	542.00	0.00
tblTripsAndVMT	WorkerTripNumber	542.00	0.00
tblTripsAndVMT	WorkerTripNumber	108.00	0.00
tblTripsAndVMT	WorkerTripNumber	20.00	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					
2022	3.6703	33.8726	36.2841	0.0787	0.2336	1.4741	1.7077	0.0303	1.3813	1.4116	0.0000	7,550.7065	7,550.7065	2.1443	0.0000	7,604.3136
2023	15.3889	23.4623	23.1994	0.0505	0.1250	1.0832	1.0832	0.0184	1.0369	1.0369	0.0000	4,810.0981	4,810.0981	1.4525	0.0000	4,834.3795
2024	16.8092	37.1403	39.4377	0.0846	0.0000	1.6300	1.6300	0.0000	1.5446	1.5446	0.0000	8,084.2091	8,084.2091	1.8531	0.0000	8,130.5377
2025	15.1188	20.4433	22.9581	0.0505	0.0000	0.8577	0.8577	0.0000	0.8199	0.8199	0.0000	4,812.4384	4,812.4384	0.9604	0.0000	4,836.4477
Maximum	**16.8092**	**37.1403**	**39.4377**	**0.0846**	**0.2336**	**1.6300**	**1.7077**	**0.0303**	**1.5446**	**1.5446**	**0.0000**	**8,084.2091**	**8,084.2091**	**2.1443**	**0.0000**	**8,130.5377**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	1.0719	5.0923	44.2930	0.0787	0.0911	0.1669	0.2580	0.0118	0.1669	0.1787	0.0000	6,991.8761	6,991.8761	1.9636	0.0000	7,040.9648
2023	13.3731	3.8745	28.8955	0.0505	0.0487	0.1294	0.1782	7.1900e-003	0.1294	0.1366	0.0000	4,619.3640	4,619.3640	1.4525	0.0000	4,655.6769
2024	13.8430	6.4078	43.3791	0.0846	0.0000	0.1685	0.1685	0.0000	0.1685	0.1685	0.0000	6,966.5944	6,966.5944	1.4917	0.0000	7,003.8865
2025	13.3731	3.1416	22.7044	0.0505	0.0000	0.1056	0.1056	0.0000	0.1056	0.1056	0.0000	3,694.7859	3,694.7859	0.5989	0.0000	3,709.7585
Maximum	**13.8430**	**6.4078**	**44.2930**	**0.0846**	**0.0911**	**0.1685**	**0.2580**	**0.0118**	**0.1685**	**0.1787**	**0.0000**	**6,991.8761**	**6,991.8761**	**1.9636**	**0.0000**	**7,040.9648**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**18.29**	**83.89**	**-14.27**	**0.00**	**61.00**	**88.69**	**86.54**	**61.02**	**88.07**	**87.75**	**0.00**	**11.82**	**11.82**	**14.10**	**0.00**	**11.79**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	3/1/2022	3/31/2022	6	27	
2	Grading	Grading	3/15/2022	1/10/2023	6	259	
3	Utilities/Trenching	Trenching	3/15/2022	3/26/2022	6	11	
4	Foundations	Building Construction	1/11/2023	2/26/2023	6	40	
5	Building Construction	Building Construction	2/27/2023	6/22/2025	6	726	
6	Architectural Coating	Architectural Coating	10/14/2023	1/23/2025	6	401	
7	Paving	Paving	7/12/2024	10/10/2024	6	78	

Acres of Grading (Site Preparation Phase): 2.69

Acres of Grading (Grading Phase): 2.69

Acres of Paving: 1.04

Residential Indoor: 1,300,554; Residential Outdoor: 433,518; Non-Residential Indoor: 160,994; Non-Residential Outdoor: 53,665; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Graders	0	8.00	187	0.41
Site Preparation	Rubber Tired Loaders	1	8.00	203	0.36
Site Preparation	Scrapers	0	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	221	0.50
Grading	Dumpers/Tenders	2	8.00	16	0.38
Grading	Excavators	4	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Plate Compactors	2	8.00	8	0.43

Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Rubber Tired Loaders	2	8.00	203	0.36
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Utilities/Trenching	Air Compressors	1	8.00	78	0.48
Utilities/Trenching	Concrete/Industrial Saws	1	8.00	81	0.73
Utilities/Trenching	Cranes	1	8.00	231	0.29
Utilities/Trenching	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Air Compressors	1	8.00	78	0.48
Foundations	Cranes	1	8.00	231	0.29
Foundations	Dumpers/Tenders	2	8.00	16	0.38
Foundations	Forklifts	1	8.00	89	0.20
Foundations	Generator Sets	1	8.00	84	0.74
Foundations	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Welders	0	8.00	46	0.45
Building Construction	Air Compressors	1	8.00	78	0.48
Building Construction	Bore/Drill Rigs	1	8.00	221	0.50
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Dumpers/Tenders	2	8.00	16	0.38
Building Construction	Forklifts	1	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48
Architectural Coating	Dumpers/Tenders	1	8.00	16	0.38
Architectural Coating	Forklifts	1	8.00	89	0.20
Paving	Cement and Mortar Mixers	0	8.00	9	0.56
Paving	Concrete/Industrial Saws	1	8.00	81	0.73
Paving	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42

Paving	Paving Equipment	1	8.00	132	0.36
Paving	Plate Compactors	1	8.00	8	0.43
Paving	Rollers	1	8.00	80	0.38
Paving	Surfacing Equipment	1	8.00	263	0.30
Paving	Sweepers/Scrubbers	1	8.00	64	0.46
Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	12	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Utilities/Trenching	4	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Foundations	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	10	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1086	0.0000	0.1086	0.0119	0.0000	0.0119			0.0000			0.0000
Off-Road	0.4938	4.8020	4.7864	0.0114		0.1874	0.1874		0.1724	0.1724		1,105.6796	1,105.6796	0.3576		1,114.6196
Total	**0.4938**	**4.8020**	**4.7864**	**0.0114**	**0.1086**	**0.1874**	**0.2960**	**0.0119**	**0.1724**	**0.1843**		**1,105.6796**	**1,105.6796**	**0.3576**		**1,114.6196**

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**

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					0.0424	0.0000	0.0424	4.6200e-003	0.0000	4.6200e-003			0.0000			0.0000
Off-Road	0.1409	0.6104	6.7536	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.6796	1,105.6796	0.3576		1,114.6196
Total	**0.1409**	**0.6104**	**6.7536**	**0.0114**	**0.0424**	**0.0188**	**0.0611**	**4.6200e-003**	**0.0188**	**0.0234**	**0.0000**	**1,105.6796**	**1,105.6796**	**0.3576**		**1,114.6196**

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**

3.3 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1250	0.0000	0.1250	0.0184	0.0000	0.0184			0.0000			0.0000
Off-Road	2.0084	18.5316	21.2847	0.0482		0.7637	0.7637		0.7070	0.7070		4,617.0289	4,617.0289	1.4518		4,653.3229
Total	**2.0084**	**18.5316**	**21.2847**	**0.0482**	**0.1250**	**0.7637**	**0.8887**	**0.0184**	**0.7070**	**0.7254**		**4,617.0289**	**4,617.0289**	**1.4518**		**4,653.3229**

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**

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					0.0487	0.0000	0.0487	7.1900e-003	0.0000	7.1900e-003			0.0000			0.0000
Off-Road	0.7908	3.8745	28.8955	0.0482		0.1294	0.1294		0.1294	0.1294	0.0000	4,617.0289	4,617.0289	1.4518		4,653.3229
Total	**0.7908**	**3.8745**	**28.8955**	**0.0482**	**0.0487**	**0.1294**	**0.1782**	**7.1900e-003**	**0.1294**	**0.1366**	**0.0000**	**4,617.0289**	**4,617.0289**	**1.4518**		**4,653.3229**

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**

3.3 Grading - 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					0.1250	0.0000	0.1250	0.0184	0.0000	0.0184			0.0000			0.0000
Off-Road	1.8893	16.5108	21.2374	0.0482		0.6771	0.6771		0.6273	0.6273		4,619.3640	4,619.3640	1.4525		4,655.6769
Total	**1.8893**	**16.5108**	**21.2374**	**0.0482**	**0.1250**	**0.6771**	**0.8021**	**0.0184**	**0.6273**	**0.6457**		**4,619.3640**	**4,619.3640**	**1.4525**		**4,655.6769**

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**

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					0.0487	0.0000	0.0487	7.1900e-003	0.0000	7.1900e-003			0.0000			0.0000
Off-Road	0.7908	3.8745	28.8955	0.0482		0.1294	0.1294		0.1294	0.1294	0.0000	4,619.3640	4,619.3640	1.4525		4,655.6769
Total	**0.7908**	**3.8745**	**28.8955**	**0.0482**	**0.0487**	**0.1294**	**0.1782**	**7.1900e-003**	**0.1294**	**0.1366**	**0.0000**	**4,619.3640**	**4,619.3640**	**1.4525**		**4,655.6769**

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**

3.4 Utilities/Trenching - 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	1.1681	10.5391	10.2131	0.0191		0.5230	0.5230		0.5019	0.5019		1,827.9980	1,827.9980	0.3349		1,836.3711
Total	**1.1681**	**10.5391**	**10.2131**	**0.0191**		**0.5230**	**0.5230**		**0.5019**	**0.5019**		**1,827.9980**	**1,827.9980**	**0.3349**		**1,836.3711**

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**

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	0.1402	0.6074	8.6439	0.0191		0.0187	0.0187		0.0187	0.0187	0.0000	1,269.1677	1,269.1677	0.1542		1,273.0224
Total	**0.1402**	**0.6074**	**8.6439**	**0.0191**		**0.0187**	**0.0187**		**0.0187**	**0.0187**	**0.0000**	**1,269.1677**	**1,269.1677**	**0.1542**		**1,273.0224**

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**

3.5 Foundations - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3136	11.6928	11.7964	0.0225		0.5519	0.5519		0.5283	0.5283		2,128.6058	2,128.6058	0.3891		2,138.3330
Total	**1.3136**	**11.6928**	**11.7964**	**0.0225**		**0.5519**	**0.5519**		**0.5283**	**0.5283**		**2,128.6058**	**2,128.6058**	**0.3891**		**2,138.3330**

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**

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	0.3091	1.6320	10.5049	0.0225		0.0564	0.0564		0.0564	0.0564	0.0000	1,569.7866	1,569.7866	0.2084		1,574.9954
Total	**0.3091**	**1.6320**	**10.5049**	**0.0225**		**0.0564**	**0.0564**		**0.0564**	**0.0564**	**0.0000**	**1,569.7866**	**1,569.7866**	**0.2084**		**1,574.9954**

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**

3.6 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2080	20.3008	19.3889	0.0443		0.9121	0.9121		0.8705	0.8705		4,225.8629	4,225.8629	0.8944		4,248.2225
Total	**2.2080**	**20.3008**	**19.3889**	**0.0443**		**0.9121**	**0.9121**		**0.8705**	**0.8705**		**4,225.8629**	**4,225.8629**	**0.8944**		**4,248.2225**

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**

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	0.4918	2.4238	18.8488	0.0443		0.0807	0.0807		0.0807	0.0807	0.0000	3,108.2244	3,108.2244	0.5329		3,121.5474
Total	**0.4918**	**2.4238**	**18.8488**	**0.0443**		**0.0807**	**0.0807**		**0.0807**	**0.0807**	**0.0000**	**3,108.2244**	**3,108.2244**	**0.5329**		**3,121.5474**

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**

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0910	18.9186	19.2617	0.0443		0.8155	0.8155		0.7778	0.7778		4,227.9894	4,227.9894	0.8905		4,250.2510
Total	**2.0910**	**18.9186**	**19.2617**	**0.0443**		**0.8155**	**0.8155**		**0.7778**	**0.7778**		**4,227.9894**	**4,227.9894**	**0.8905**		**4,250.2510**

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**

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	0.4918	2.4238	18.8490	0.0443		0.0805	0.0805		0.0805	0.0805	0.0000	3,110.3747	3,110.3747	0.5290		3,123.5998
Total	**0.4918**	**2.4238**	**18.8490**	**0.0443**		**0.0805**	**0.0805**		**0.0805**	**0.0805**	**0.0000**	**3,110.3747**	**3,110.3747**	**0.5290**		**3,123.5998**

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**

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9812	17.6329	19.1613	0.0443		0.7279	0.7279		0.6936	0.6936		4,228.2032	4,228.2032	0.8855		4,250.3403
Total	**1.9812**	**17.6329**	**19.1613**	**0.0443**		**0.7279**	**0.7279**		**0.6936**	**0.6936**		**4,228.2032**	**4,228.2032**	**0.8855**		**4,250.3403**

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**

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	0.4918	2.4238	18.8488	0.0443		0.0805	0.0805		0.0805	0.0805	0.0000	3,110.5507	3,110.5507	0.5240		3,123.6511
Total	**0.4918**	**2.4238**	**18.8488**	**0.0443**		**0.0805**	**0.0805**		**0.0805**	**0.0805**	**0.0000**	**3,110.5507**	**3,110.5507**	**0.5240**		**3,123.6511**

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**

3.7 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4315	3.1615	3.8104	6.2400e-003		0.1711	0.1711		0.1664	0.1664		584.2352	584.2352	0.0769		586.1569
Total	**13.1809**	**3.1615**	**3.8104**	**6.2400e-003**		**0.1711**	**0.1711**		**0.1664**	**0.1664**		**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

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	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1319	0.7178	3.8556	6.2400e-003		0.0252	0.0252		0.0252	0.0252	0.0000	584.2352	584.2352	0.0769		586.1569
Total	**12.8813**	**0.7178**	**3.8556**	**6.2400e-003**		**0.0252**	**0.0252**		**0.0252**	**0.0252**	**0.0000**	**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

3.7 Architectural Coating - 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					
Archit. Coating	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4087	2.9731	3.8037	6.2400e-003		0.1495	0.1495		0.1454	0.1454		584.2352	584.2352	0.0756		586.1239
Total	**13.1581**	**2.9731**	**3.8037**	**6.2400e-003**		**0.1495**	**0.1495**		**0.1454**	**0.1454**		**584.2352**	**584.2352**	**0.0756**		**586.1239**

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**

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	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1319	0.7178	3.8557	6.2400e-003		0.0251	0.0251		0.0251	0.0251	0.0000	584.2352	584.2352	0.0756		586.1239
Total	**12.8813**	**0.7178**	**3.8557**	**6.2400e-003**		**0.0251**	**0.0251**		**0.0251**	**0.0251**	**0.0000**	**584.2352**	**584.2352**	**0.0756**		**586.1239**

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**

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3882	2.8104	3.7968	6.2400e-003		0.1298	0.1298		0.1263	0.1263		584.2352	584.2352	0.0749		586.1074
Total	**13.1376**	**2.8104**	**3.7968**	**6.2400e-003**		**0.1298**	**0.1298**		**0.1263**	**0.1263**		**584.2352**	**584.2352**	**0.0749**		**586.1074**

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**

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	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1319	0.7178	3.8556	6.2400e-003		0.0251	0.0251		0.0251	0.0251	0.0000	584.2352	584.2352	0.0749		586.1074
Total	**12.8813**	**0.7178**	**3.8556**	**6.2400e-003**		**0.0251**	**0.0251**		**0.0251**	**0.0251**	**0.0000**	**584.2352**	**584.2352**	**0.0749**		**586.1074**

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**

3.8 Paving - 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	1.5602	15.2487	16.3722	0.0341		0.6650	0.6650		0.6214	0.6214		3,271.9845	3,271.9845	0.8871		3,294.1628
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5602**	**15.2487**	**16.3722**	**0.0341**		**0.6650**	**0.6650**		**0.6214**	**0.6214**		**3,271.9845**	**3,271.9845**	**0.8871**		**3,294.1628**

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	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**

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	0.4699	3.2662	20.6744	0.0341		0.0629	0.0629		0.0629	0.0629	0.0000	3,271.9845	3,271.9845	0.8871		3,294.1628
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4699**	**3.2662**	**20.6744**	**0.0341**		**0.0629**	**0.0629**		**0.0629**	**0.0629**	**0.0000**	**3,271.9845**	**3,271.9845**	**0.8871**		**3,294.1628**

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**

Hollywood Center-East-Construction - Los Angeles-South Coast County, Winter

Hollywood Center-East-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
General Office Building	32.66	1000sqft	0.10	32,665.00	0
Enclosed Parking with Elevator	684.00	Space	0.80	353,824.00	0
Other Non-Asphalt Surfaces	21.15	1000sqft	0.10	21,150.00	0
User Defined Parking	1.63	User Defined Unit	0.14	1,627.00	0
City Park	0.81	Acre	0.10	35,300.00	0
Fast Food Restaurant w/o Drive Thru	2.73	1000sqft	0.10	2,732.00	0
High Turnover (Sit Down Restaurant)	15.48	1000sqft	0.10	15,482.00	0
Apartments Mid Rise	65.00	Dwelling Unit	0.30	67,149.00	186
Condo/Townhouse High Rise	423.00	Dwelling Unit	0.95	575,100.00	1210

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see construction assumptions

Construction Phase - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment -

Trips and VMT - construction mobile emissions calculated outside of CalEEMod.

Grading - see construction assumptions

Architectural Coating - see construction assumptions

Construction Off-road Equipment Mitigation - see construction assumptions

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	25,440.00	53,665.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	76,319.00	160,994.00
tblArchitecturalCoating	ConstArea_Parking	22,596.00	21,327.00
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	10.00	401.00
tblConstructionPhase	NumDays	220.00	40.00
tblConstructionPhase	NumDays	220.00	726.00
tblConstructionPhase	NumDays	6.00	259.00
tblConstructionPhase	NumDays	10.00	78.00
tblConstructionPhase	NumDays	3.00	27.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00

tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	0.00	2.69
tblGrading	AcresOfGrading	0.00	2.69
tblGrading	MaterialExported	0.00	260,930.00
tblGrading	MaterialExported	0.00	704.00
tblLandUse	LandUseSquareFeet	32,660.00	32,665.00
tblLandUse	LandUseSquareFeet	273,600.00	353,824.00
tblLandUse	LandUseSquareFeet	0.00	1,627.00
tblLandUse	LandUseSquareFeet	35,283.60	35,300.00
tblLandUse	LandUseSquareFeet	2,730.00	2,732.00
tblLandUse	LandUseSquareFeet	15,480.00	15,482.00
tblLandUse	LandUseSquareFeet	65,000.00	67,149.00
tblLandUse	LandUseSquareFeet	423,000.00	575,100.00
tblLandUse	LotAcreage	0.75	0.10
tblLandUse	LotAcreage	6.16	0.80
tblLandUse	LotAcreage	0.49	0.10
tblLandUse	LotAcreage	0.00	0.14
tblLandUse	LotAcreage	0.81	0.10
tblLandUse	LotAcreage	0.06	0.10
tblLandUse	LotAcreage	0.36	0.10
tblLandUse	LotAcreage	1.71	0.30
tblLandUse	LotAcreage	6.61	0.95
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	HaulingTripNumber	88.00	0.00
tblTripsAndVMT	HaulingTripNumber	32,616.00	0.00
tblTripsAndVMT	VendorTripNumber	128.00	0.00
tblTripsAndVMT	VendorTripNumber	128.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	30.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	542.00	0.00
tblTripsAndVMT	WorkerTripNumber	542.00	0.00
tblTripsAndVMT	WorkerTripNumber	108.00	0.00
tblTripsAndVMT	WorkerTripNumber	20.00	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					
2022	3.6703	33.8726	36.2841	0.0787	0.2336	1.4741	1.7077	0.0303	1.3813	1.4116	0.0000	7,550.7065	7,550.7065	2.1443	0.0000	7,604.3136
2023	15.3889	23.4623	23.1994	0.0505	0.1250	1.0832	1.0832	0.0184	1.0369	1.0369	0.0000	4,810.0981	4,810.0981	1.4525	0.0000	4,834.3795
2024	16.8092	37.1403	39.4377	0.0846	0.0000	1.6300	1.6300	0.0000	1.5446	1.5446	0.0000	8,084.2091	8,084.2091	1.8531	0.0000	8,130.5377
2025	15.1188	20.4433	22.9581	0.0505	0.0000	0.8577	0.8577	0.0000	0.8199	0.8199	0.0000	4,812.4384	4,812.4384	0.9604	0.0000	4,836.4477
Maximum	**16.8092**	**37.1403**	**39.4377**	**0.0846**	**0.2336**	**1.6300**	**1.7077**	**0.0303**	**1.5446**	**1.5446**	**0.0000**	**8,084.2091**	**8,084.2091**	**2.1443**	**0.0000**	**8,130.5377**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	1.0719	5.0923	44.2930	0.0787	0.0911	0.1669	0.2580	0.0118	0.1669	0.1787	0.0000	6,991.8761	6,991.8761	1.9636	0.0000	7,040.9648
2023	13.3731	3.8745	28.8955	0.0505	0.0487	0.1294	0.1782	7.1900e-003	0.1294	0.1366	0.0000	4,619.3640	4,619.3640	1.4525	0.0000	4,655.6769
2024	13.8430	6.4078	43.3791	0.0846	0.0000	0.1685	0.1685	0.0000	0.1685	0.1685	0.0000	6,966.5944	6,966.5944	1.4917	0.0000	7,003.8865
2025	13.3731	3.1416	22.7044	0.0505	0.0000	0.1056	0.1056	0.0000	0.1056	0.1056	0.0000	3,694.7859	3,694.7859	0.5989	0.0000	3,709.7585
Maximum	**13.8430**	**6.4078**	**44.2930**	**0.0846**	**0.0911**	**0.1685**	**0.2580**	**0.0118**	**0.1685**	**0.1787**	**0.0000**	**6,991.8761**	**6,991.8761**	**1.9636**	**0.0000**	**7,040.9648**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**18.29**	**83.89**	**-14.27**	**0.00**	**61.00**	**88.69**	**86.54**	**61.02**	**88.07**	**87.75**	**0.00**	**11.82**	**11.82**	**14.10**	**0.00**	**11.79**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	3/1/2022	3/31/2022	6	27	
2	Grading	Grading	3/15/2022	1/10/2023	6	259	
3	Utilities/Trenching	Trenching	3/15/2022	3/26/2022	6	11	
4	Foundations	Building Construction	1/11/2023	2/26/2023	6	40	
5	Building Construction	Building Construction	2/27/2023	6/22/2025	6	726	
6	Architectural Coating	Architectural Coating	10/14/2023	1/23/2025	6	401	
7	Paving	Paving	7/12/2024	10/10/2024	6	78	

Acres of Grading (Site Preparation Phase): 2.69

Acres of Grading (Grading Phase): 2.69

Acres of Paving: 1.04

Residential Indoor: 1,300,554; Residential Outdoor: 433,518; Non-Residential Indoor: 160,994; Non-Residential Outdoor: 53,665; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Graders	0	8.00	187	0.41
Site Preparation	Rubber Tired Loaders	1	8.00	203	0.36
Site Preparation	Scrapers	0	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	221	0.50
Grading	Dumpers/Tenders	2	8.00	16	0.38
Grading	Excavators	4	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Plate Compactors	2	8.00	8	0.43
Grading	Rubber Tired Dozers	0	8.00	247	0.40

Grading	Rubber Tired Loaders	2	8.00	203	0.36
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Utilities/Trenching	Air Compressors	1	8.00	78	0.48
Utilities/Trenching	Concrete/Industrial Saws	1	8.00	81	0.73
Utilities/Trenching	Cranes	1	8.00	231	0.29
Utilities/Trenching	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Air Compressors	1	8.00	78	0.48
Foundations	Cranes	1	8.00	231	0.29
Foundations	Dumpers/Tenders	2	8.00	16	0.38
Foundations	Forklifts	1	8.00	89	0.20
Foundations	Generator Sets	1	8.00	84	0.74
Foundations	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Welders	0	8.00	46	0.45
Building Construction	Air Compressors	1	8.00	78	0.48
Building Construction	Bore/Drill Rigs	1	8.00	221	0.50
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Dumpers/Tenders	2	8.00	16	0.38
Building Construction	Forklifts	1	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48
Architectural Coating	Dumpers/Tenders	1	8.00	16	0.38
Architectural Coating	Forklifts	1	8.00	89	0.20
Paving	Cement and Mortar Mixers	0	8.00	9	0.56
Paving	Concrete/Industrial Saws	1	8.00	81	0.73
Paving	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36

Paving	Plate Compactors	1	8.00	8	0.43
Paving	Rollers	1	8.00	80	0.38
Paving	Surfacing Equipment	1	8.00	263	0.30
Paving	Sweepers/Scrubbers	1	8.00	64	0.46
Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	12	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Utilities/Trenching	4	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Foundations	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	10	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1086	0.0000	0.1086	0.0119	0.0000	0.0119			0.0000			0.0000
Off-Road	0.4938	4.8020	4.7864	0.0114		0.1874	0.1874		0.1724	0.1724		1,105.6796	1,105.6796	0.3576		1,114.6196
Total	**0.4938**	**4.8020**	**4.7864**	**0.0114**	**0.1086**	**0.1874**	**0.2960**	**0.0119**	**0.1724**	**0.1843**		**1,105.6796**	**1,105.6796**	**0.3576**		**1,114.6196**

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**

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					0.0424	0.0000	0.0424	4.6200e-003	0.0000	4.6200e-003			0.0000			0.0000
Off-Road	0.1409	0.6104	6.7536	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.6796	1,105.6796	0.3576		1,114.6196
Total	**0.1409**	**0.6104**	**6.7536**	**0.0114**	**0.0424**	**0.0188**	**0.0611**	**4.6200e-003**	**0.0188**	**0.0234**	**0.0000**	**1,105.6796**	**1,105.6796**	**0.3576**		**1,114.6196**

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**

3.3 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1250	0.0000	0.1250	0.0184	0.0000	0.0184			0.0000			0.0000
Off-Road	2.0084	18.5316	21.2847	0.0482		0.7637	0.7637		0.7070	0.7070		4,617.0289	4,617.0289	1.4518		4,653.3229
Total	**2.0084**	**18.5316**	**21.2847**	**0.0482**	**0.1250**	**0.7637**	**0.8887**	**0.0184**	**0.7070**	**0.7254**		**4,617.0289**	**4,617.0289**	**1.4518**		**4,653.3229**

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**

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					0.0487	0.0000	0.0487	7.1900e-003	0.0000	7.1900e-003			0.0000			0.0000
Off-Road	0.7908	3.8745	28.8955	0.0482		0.1294	0.1294		0.1294	0.1294	0.0000	4,617.0289	4,617.0289	1.4518		4,653.3229
Total	**0.7908**	**3.8745**	**28.8955**	**0.0482**	**0.0487**	**0.1294**	**0.1782**	**7.1900e-003**	**0.1294**	**0.1366**	**0.0000**	**4,617.0289**	**4,617.0289**	**1.4518**		**4,653.3229**

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**

3.3 Grading - 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					0.1250	0.0000	0.1250	0.0184	0.0000	0.0184			0.0000			0.0000
Off-Road	1.8893	16.5108	21.2374	0.0482		0.6771	0.6771		0.6273	0.6273		4,619.3640	4,619.3640	1.4525		4,655.6769
Total	**1.8893**	**16.5108**	**21.2374**	**0.0482**	**0.1250**	**0.6771**	**0.8021**	**0.0184**	**0.6273**	**0.6457**		**4,619.3640**	**4,619.3640**	**1.4525**		**4,655.6769**

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**

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					0.0487	0.0000	0.0487	7.1900e-003	0.0000	7.1900e-003			0.0000			0.0000
Off-Road	0.7908	3.8745	28.8955	0.0482		0.1294	0.1294		0.1294	0.1294	0.0000	4,619.3640	4,619.3640	1.4525		4,655.6769
Total	**0.7908**	**3.8745**	**28.8955**	**0.0482**	**0.0487**	**0.1294**	**0.1782**	**7.1900e-003**	**0.1294**	**0.1366**	**0.0000**	**4,619.3640**	**4,619.3640**	**1.4525**		**4,655.6769**

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**

3.4 Utilities/Trenching - 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	1.1681	10.5391	10.2131	0.0191		0.5230	0.5230		0.5019	0.5019		1,827.9980	1,827.9980	0.3349		1,836.3711
Total	**1.1681**	**10.5391**	**10.2131**	**0.0191**		**0.5230**	**0.5230**		**0.5019**	**0.5019**		**1,827.9980**	**1,827.9980**	**0.3349**		**1,836.3711**

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**

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	0.1402	0.6074	8.6439	0.0191		0.0187	0.0187		0.0187	0.0187	0.0000	1,269.1677	1,269.1677	0.1542		1,273.0224
Total	**0.1402**	**0.6074**	**8.6439**	**0.0191**		**0.0187**	**0.0187**		**0.0187**	**0.0187**	**0.0000**	**1,269.1677**	**1,269.1677**	**0.1542**		**1,273.0224**

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**

3.5 Foundations - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3136	11.6928	11.7964	0.0225		0.5519	0.5519		0.5283	0.5283		2,128.6058	2,128.6058	0.3891		2,138.3330
Total	**1.3136**	**11.6928**	**11.7964**	**0.0225**		**0.5519**	**0.5519**		**0.5283**	**0.5283**		**2,128.6058**	**2,128.6058**	**0.3891**		**2,138.3330**

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**

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	0.3091	1.6320	10.5049	0.0225		0.0564	0.0564		0.0564	0.0564	0.0000	1,569.7866	1,569.7866	0.2084		1,574.9954
Total	**0.3091**	**1.6320**	**10.5049**	**0.0225**		**0.0564**	**0.0564**		**0.0564**	**0.0564**	**0.0000**	**1,569.7866**	**1,569.7866**	**0.2084**		**1,574.9954**

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**

3.6 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2080	20.3008	19.3889	0.0443		0.9121	0.9121		0.8705	0.8705		4,225.8629	4,225.8629	0.8944		4,248.2225
Total	**2.2080**	**20.3008**	**19.3889**	**0.0443**		**0.9121**	**0.9121**		**0.8705**	**0.8705**		**4,225.8629**	**4,225.8629**	**0.8944**		**4,248.2225**

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**

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	0.4918	2.4238	18.8488	0.0443		0.0807	0.0807		0.0807	0.0807	0.0000	3,108.2244	3,108.2244	0.5329		3,121.5474
Total	**0.4918**	**2.4238**	**18.8488**	**0.0443**		**0.0807**	**0.0807**		**0.0807**	**0.0807**	**0.0000**	**3,108.2244**	**3,108.2244**	**0.5329**		**3,121.5474**

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**

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0910	18.9186	19.2617	0.0443		0.8155	0.8155		0.7778	0.7778		4,227.9894	4,227.9894	0.8905		4,250.2510
Total	**2.0910**	**18.9186**	**19.2617**	**0.0443**		**0.8155**	**0.8155**		**0.7778**	**0.7778**		**4,227.9894**	**4,227.9894**	**0.8905**		**4,250.2510**

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**

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	0.4918	2.4238	18.8490	0.0443		0.0805	0.0805		0.0805	0.0805	0.0000	3,110.3747	3,110.3747	0.5290		3,123.5998
Total	**0.4918**	**2.4238**	**18.8490**	**0.0443**		**0.0805**	**0.0805**		**0.0805**	**0.0805**	**0.0000**	**3,110.3747**	**3,110.3747**	**0.5290**		**3,123.5998**

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**

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9812	17.6329	19.1613	0.0443		0.7279	0.7279		0.6936	0.6936		4,228.2032	4,228.2032	0.8855		4,250.3403
Total	**1.9812**	**17.6329**	**19.1613**	**0.0443**		**0.7279**	**0.7279**		**0.6936**	**0.6936**		**4,228.2032**	**4,228.2032**	**0.8855**		**4,250.3403**

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**

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	0.4918	2.4238	18.8488	0.0443		0.0805	0.0805		0.0805	0.0805	0.0000	3,110.5507	3,110.5507	0.5240		3,123.6511
Total	**0.4918**	**2.4238**	**18.8488**	**0.0443**		**0.0805**	**0.0805**		**0.0805**	**0.0805**	**0.0000**	**3,110.5507**	**3,110.5507**	**0.5240**		**3,123.6511**

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**

3.7 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4315	3.1615	3.8104	6.2400e-003		0.1711	0.1711		0.1664	0.1664		584.2352	584.2352	0.0769		586.1569
Total	**13.1809**	**3.1615**	**3.8104**	**6.2400e-003**		**0.1711**	**0.1711**		**0.1664**	**0.1664**		**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

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	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1319	0.7178	3.8556	6.2400e-003		0.0252	0.0252		0.0252	0.0252	0.0000	584.2352	584.2352	0.0769		586.1569
Total	**12.8813**	**0.7178**	**3.8556**	**6.2400e-003**		**0.0252**	**0.0252**		**0.0252**	**0.0252**	**0.0000**	**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

3.7 Architectural Coating - 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					
Archit. Coating	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4087	2.9731	3.8037	6.2400e-003		0.1495	0.1495		0.1454	0.1454		584.2352	584.2352	0.0756		586.1239
Total	**13.1581**	**2.9731**	**3.8037**	**6.2400e-003**		**0.1495**	**0.1495**		**0.1454**	**0.1454**		**584.2352**	**584.2352**	**0.0756**		**586.1239**

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**

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	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1319	0.7178	3.8557	6.2400e-003		0.0251	0.0251		0.0251	0.0251	0.0000	584.2352	584.2352	0.0756		586.1239
Total	**12.8813**	**0.7178**	**3.8557**	**6.2400e-003**		**0.0251**	**0.0251**		**0.0251**	**0.0251**	**0.0000**	**584.2352**	**584.2352**	**0.0756**		**586.1239**

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**

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3882	2.8104	3.7968	6.2400e-003		0.1298	0.1298		0.1263	0.1263		584.2352	584.2352	0.0749		586.1074
Total	**13.1376**	**2.8104**	**3.7968**	**6.2400e-003**		**0.1298**	**0.1298**		**0.1263**	**0.1263**		**584.2352**	**584.2352**	**0.0749**		**586.1074**

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**

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	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1319	0.7178	3.8556	6.2400e-003		0.0251	0.0251		0.0251	0.0251	0.0000	584.2352	584.2352	0.0749		586.1074
Total	**12.8813**	**0.7178**	**3.8556**	**6.2400e-003**		**0.0251**	**0.0251**		**0.0251**	**0.0251**	**0.0000**	**584.2352**	**584.2352**	**0.0749**		**586.1074**

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**

3.8 Paving - 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	1.5602	15.2487	16.3722	0.0341		0.6650	0.6650		0.6214	0.6214		3,271.9845	3,271.9845	0.8871		3,294.1628
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5602**	**15.2487**	**16.3722**	**0.0341**		**0.6650**	**0.6650**		**0.6214**	**0.6214**		**3,271.9845**	**3,271.9845**	**0.8871**		**3,294.1628**

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	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**

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	0.4699	3.2662	20.6744	0.0341		0.0629	0.0629		0.0629	0.0629	0.0000	3,271.9845	3,271.9845	0.8871		3,294.1628
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4699**	**3.2662**	**20.6744**	**0.0341**		**0.0629**	**0.0629**		**0.0629**	**0.0629**	**0.0000**	**3,271.9845**	**3,271.9845**	**0.8871**		**3,294.1628**

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**

Hollywood Center

Air Quality Construction Analysis

Mitigated - Construction East Site First Scenario

Project Regional Emissions

Regional Maximums Source	ROG	NOX	CO	SO2 lb/day	PM10 Total	Total PM2.5
West Site						
Demolition - 2022	0.8	17.2	24.0	0.10	2.2	0.7
Utilities/Trenching - 2022	0.1	0.6	9.0	0.02	0.2	0.1
Site Preparation - 2022	0.2	0.7	7.5	0.01	0.3	0.1
Grading - 2022	2.1	48.4	43.0	0.25	8.1	2.6
Grading - 2022	0.9	4.4	36.1	0.07	2.7	0.1
Foundations/Concrete Pour - 2022 (Shoring Wall + Cast in Drilled Hole Foundation)	0.5	3.8	19.0	0.05	3.0	0.9
Foundations/Concrete Pour - 2023 (Shoring Wall + Cast in Drilled Hole Foundation)	0.5	3.3	18.3	0.05	3.0	0.9
Foundations/Concrete Pour - 2023 (Mat Foundation)	0.6	10.7	25.0	0.09	4.1	1.2
Foundations/Concrete Pour - 2023 (Column Footings)	0.5	4.2	18.7	0.06	3.2	0.9
Building Construction - 2023 (Structure Equipment Garage)	1.0	10.3	39.4	0.13	7.7	2.2
Building Construction - 2023 (Structure Equipment Tower)	1.0	8.2	38.6	0.12	7.4	2.1
Building Construction - 2023 (Structure Equipment Affordable)	1.0	8.5	38.7	0.12	7.5	2.1
Building Construction - 2023 (Retail)	1.0	7.6	38.4	0.12	7.3	2.1
Building Construction - 2023	0.9	6.2	37.8	0.11	7.1	2.0
Building Construction - 2024	0.9	6.1	36.6	0.11	7.1	2.0
Building Construction - 2025	0.8	5.9	35.5	0.11	7.1	2.0
Architectural Coating - 2023	13.2	0.8	4.3	0.01	0.2	0.1
Architectural Coating - 2024	13.2	0.7	4.3	0.01	0.2	0.1
Architectural Coating - 2025	13.2	0.7	4.3	0.01	0.2	0.1
Paving - 2024	0.5	3.3	21.3	0.04	0.3	0.1

	ROG	NOX	CO	SO2 lb/day	PM10 Total	Total PM2.5
East Site						
Site Preparation - 2021	0.8	17.7	10.5	0.06	2.0	0.8
Grading - 2021	3.3	67.2	47.5	0.26	8.9	3.3
Grading - 2021	1.0	4.5	36.8	0.07	2.7	0.8
Utilities/Trenching - 2021	0.1	0.6	9.1	0.02	0.2	0.1
Foundations/Concrete Pour (Shoring Wall+Cast In Drilled Hole Foundation) - 2021	0.6	4.5	19.9	0.05	3.0	0.9
Foundations/Concrete Pour (Mat Foundation)- 2021	0.9	14.7	23.3	0.08	4.0	1.2
Foundations/Concrete Pour (Column Footings) - 2021	0.7	6.2	20.3	0.06	3.2	0.9
Building Construction - 2022 (Structure Equipment Garage)	1.2	13.0	41.2	0.14	7.8	2.2
Building Construction - 2022 (Structure Equipment Tower)	1.1	9.8	40.3	0.12	7.4	2.1
Building Construction - 2022 (Structure Equipment Affordable)	1.1	9.5	40.2	0.12	7.4	2.1
Building Construction - 2022 (Retail)	1.1	11.1	40.7	0.13	7.6	2.1
Building Construction - 2022	1.0	7.1	39.5	0.11	7.2	2.0
Building Construction - 2023	0.9	6.2	37.8	0.11	7.1	2.0
Building Construction - 2024	0.9	6.1	36.6	0.11	7.1	2.0
Architectural Coating - 2022	12.9	0.8	4.3	0.01	0.2	0.1
Architectural Coating - 2022	12.9	0.8	4.3	0.01	0.2	0.1
Architectural Coating - 2023	12.9	0.7	4.3	0.01	0.2	0.1
Paving - 2023	0.5	3.3	21.4	0.04	0.3	0.1

Hollywood Center
Air Quality Construction Analysis
Mitigated - Construction East Site First Scenario
Project Regional Emissions

Overlapping Phases						
	ROG	NOX	CO	SO2	PM10 Total	Total PM2.5
				lb/day		
Site Preparation + Utilities/Trenching + Grading- 2021	4.2	85.5	67.1	0.3	11.0	4.1
Grading - 2021	3.3	67.2	47.5	0.3	8.9	3.3
Foundations/Concrete Pour (Shoring Wall+Cast In Drilled Hole Foundation) - 2021	0.6	4.5	19.9	0.1	3.0	0.9
Foundations/Concrete Pour (Mat Foundation)- 2021	0.9	14.7	23.3	0.1	4.0	1.2
Foundations/Concrete Pour (Column Footings) - 2021	0.7	6.2	20.3	0.1	3.2	0.9
East: Building Construction (Structure Equipment Garage) - 2022						
West: Demolition + Site Preparation + Utilities/Trenching - 2022	2.4	31.6	81.8	0.3	10.4	3.1
East: Building Construction (Structure Equipment Garage) - 2022						
West: Demolition + Site Preparation + Grading - 2022	4.3	79.3	115.8	0.5	18.4	5.6
East: Building Construction (Structure Equipment Tower) - 2022						
West: Grading - 2022	3.2	58.2	83.3	0.4	15.6	4.7
East: Building Construction (Structure Equipment Affordable) - 2022						
West: Grading - 2022	3.2	57.9	83.2	0.4	15.6	4.7
East: Building Construction (Structure Retail) - 2022						
West: Grading - 2022	3.2	59.5	83.7	0.4	15.7	4.7
East: Building Construction + Architectural Coatings - 2022						
West: Grading - 2022	16.0	56.2	86.9	0.4	15.5	4.7
East: Building Construction + Architectural Coatings - 2022						
West: Foundations/Concrete Pour (Shoring Wall + Cast in Drilled Hole Foundation) - 2022	14.4	11.7	62.9	0.2	10.4	3.0
East: Building Construction + Architectural Coatings - 2023						
West: Foundations/Concrete Pour (Shoring Wall + Cast in Drilled Hole Foundation) - 2023	14.3	10.3	60.5	0.2	10.4	2.9
East: Building Construction + Architectural Coatings - 2023						
West: Foundations/Concrete Pour (Mat Foundation) - 2023	14.4	17.7	67.2	0.2	11.5	3.2
East: Building Construction + Architectural Coatings - 2023						
West: Foundations/Concrete Pour (Column Footings) - 2023	14.3	11.1	60.8	0.2	10.5	3.0
East: Building Construction + Architectural Coatings - 2023						
West: Building Construction (Structure Equipment Garage) - 2023	14.8	17.2	81.5	0.3	15.1	4.2
East: Building Construction + Architectural Coatings + Paving - 2023						
West: Building Construction (Structure Equipment Tower) - 2023	15.3	19.9	102.5	0.3	15.1	4.3
East: Building Construction + Architectural Coatings + Paving - 2023						
West: Building Construction (Structure Equipment Affordable) - 2023	15.3	18.8	102.2	0.3	15.2	4.3
East: Building Construction + Architectural Coatings + Paving - 2023						
West: Building Construction (Retail) - 2023	15.2	17.8	101.9	0.3	15.0	4.3
East: Building Construction + Architectural Coatings + Paving - 2023						
West: Building Construction - 2023	15.2	16.4	101.4	0.3	14.8	4.2
East: Building Construction + Architectural Coatings - 2023						
West: Building Construction + Architectural Coatings - 2023	28.0	13.9	84.3	0.2	14.7	4.1
East: Building Construction - 2024						
West: Building Construction + Architectural Coatings - 2024	15.0	12.9	77.5	0.2	14.5	4.1
West: Building Construction + Architectural Coatings + Paving - 2024	14.6	10.1	62.2	0.2	7.7	2.2
West: Building Construction + Architectural Coatings - 2025	14.1	6.7	39.8	0.1	7.3	2.1
Daily Maximum Emissions	**28.0**	**85.5**	**115.8**	**0.5**	**18.4**	**5.6**
SCAQMD Regional Threshold	75	100	550	150	150	55
Exceeds Threshold?	No	No	No	No	No	No

Air Quality Construction Analysis
Mitigated - Construction East Site First Scenario
Project Localized Emissions

Project Localized Emissions Source	NOX	CO	PM10 Total	Total PM2.5
West Site		lb/day		
Demolition - 2022	2.1	21.2	0.15	0.08
Utilities/Trenching - 2022	0.6	8.6	0.02	0.02
Site Preparation - 2022	0.6	6.8	0.05	0.02
Grading - 2022	3.9	28.9	0.18	0.14
Grading - 2022	3.9	28.9	0.18	0.14
Foundations/Concrete Pour - 2022 (Shoring Wall + Cast in Drilled Hole Foundation)	1.6	10.5	0.06	0.06
Foundations/Concrete Pour - 2023 (Shoring Wall + Cast in Drilled Hole Foundation)	1.6	10.5	0.06	0.06
Foundations/Concrete Pour - 2023 (Mat Foundation)	1.0	14.2	0.03	0.03
Foundations/Concrete Pour - 2023 (Column Footings)	1.6	10.5	0.06	0.06
Building Construction - 2023 (Structure Equipment Garage)	2.4	18.8	0.08	0.08
Building Construction - 2023 (Structure Equipment Tower)	2.4	18.8	0.08	0.08
Building Construction - 2023 (Structure Equipment Affordable)	2.4	18.8	0.08	0.08
Building Construction - 2023 (Retail)	2.4	18.8	0.08	0.08
Building Construction - 2023	2.4	18.8	0.08	0.08
Building Construction - 2024	2.4	18.8	0.08	0.08
Building Construction - 2025	2.4	18.8	0.08	0.08
Architectural Coating - 2023	0.7	3.9	0.03	0.03
Architectural Coating - 2024	0.7	3.9	0.03	0.03
Architectural Coating - 2025	0.7	3.9	0.03	0.03
Paving - 2024	3.3	20.7	0.06	0.06

East Site	NOX	CO	PM10 Total	Total PM2.5
		lb/day		
Site Preparation - 2021	0.6	6.8	0.06	0.02
Grading - 2021	3.9	28.9	0.18	0.14
Grading - 2021	3.9	28.9	0.18	0.14
Utilities/Trenching - 2021	0.6	8.6	0.02	0.02
Foundations/Concrete Pour (Shoring Wall+Cast In Drilled Hole Foundation) - 2021	1.6	10.5	0.06	0.06
Foundations/Concrete Pour (Mat Foundation)- 2021	0.8	11.2	0.02	0.02
Foundations/Concrete Pour (Column Footings) - 2021	1.6	10.5	0.06	0.06
Building Construction - 2022 (Structure Equipment Garage)	2.4	18.8	0.08	0.08
Building Construction - 2022 (Structure Equipment Tower)	2.4	18.8	0.08	0.08
Building Construction - 2022 (Structure Equipment Affordable)	2.4	18.8	0.08	0.08
Building Construction - 2022 (Retail)	2.4	18.8	0.08	0.08
Building Construction - 2022	2.4	18.8	0.08	0.08
Building Construction - 2023	2.4	18.8	0.08	0.08
Building Construction - 2024	2.4	18.8	0.08	0.08
Architectural Coating - 2022	0.7	3.9	0.03	0.03
Architectural Coating - 2022	0.7	3.9	0.03	0.03
Architectural Coating - 2023	0.7	3.9	0.03	0.03
Paving - 2023	3.3	20.7	0.06	0.06

Hollywood Center
Air Quality Construction Analysis
Mitigated - Construction East Site First Scenario
Project Localized Emissions

Overlapping Phases				
	NOX	CO	PM10 Total	Total PM2.5
	lb/day			
Site Preparation + Utilities/Trenching + Grading- 2021	5.1	44.3	0.26	0.18
Grading - 2021	3.9	28.9	0.18	0.14
Foundations/Concrete Pour (Shoring Wall+Cast In Drilled Hole Foundation) - 2021	1.6	10.5	0.06	0.06
Foundations/Concrete Pour (Mat Foundation)- 2021	0.8	11.2	0.02	0.02
Foundations/Concrete Pour (Column Footings) - 2021	1.6	10.5	0.06	0.06
East: Building Construction (Structure Equipment Garage) - 2022				
West: Demolition + Site Preparation + Utilities/Trenching - 2022	5.7	55.5	0.30	0.20
East: Building Construction (Structure Equipment Garage) - 2022				
West: Demolition + Site Preparation + Grading - 2022	9.0	75.7	0.45	0.32
East: Building Construction (Structure Equipment Tower) - 2022				
West: Grading - 2022	6.3	47.7	0.26	0.22
East: Building Construction (Structure Equipment Affordable) - 2022				
West: Grading - 2022	6.3	47.7	0.26	0.22
East: Building Construction (Structure Retail) - 2022				
West: Grading - 2022	6.3	47.7	0.26	0.22
East: Building Construction + Architectural Coatings - 2022				
West: Grading - 2022	7.0	51.6	0.28	0.24
East: Building Construction + Architectural Coatings - 2022				
West: Foundations/Concrete Pour (Shoring Wall + Cast in Drilled Hole Foundation) - 2022	4.8	33.2	0.16	0.16
East: Building Construction + Architectural Coatings - 2023				
West: Foundations/Concrete Pour (Shoring Wall + Cast in Drilled Hole Foundation) - 2023	4.8	33.2	0.16	0.16
East: Building Construction + Architectural Coatings - 2023				
West: Foundations/Concrete Pour (Mat Foundation) - 2023	4.1	36.9	0.14	0.14
East: Building Construction + Architectural Coatings - 2023				
West: Foundations/Concrete Pour (Column Footings) - 2023	4.8	33.2	0.16	0.16
East: Building Construction + Architectural Coatings - 2023				
West: Building Construction (Structure Equipment Garage) - 2023	5.6	41.6	0.19	0.19
East: Building Construction + Architectural Coatings + Paving - 2023				
West: Building Construction (Structure Equipment Tower) - 2023	8.8	62.2	0.25	0.25
East: Building Construction + Architectural Coatings + Paving - 2023				
West: Building Construction (Structure Equipment Affordable) - 2023	8.8	62.2	0.25	0.25
East: Building Construction + Architectural Coatings + Paving - 2023				
West: Building Construction (Retail) - 2023	8.8	62.2	0.25	0.25
East: Building Construction + Architectural Coatings + Paving - 2023				
West: Building Construction - 2023	8.8	62.2	0.25	0.25
East: Building Construction + Architectural Coatings - 2023				
West: Building Construction + Architectural Coatings - 2023	6.3	45.4	0.21	0.21
East: Building Construction - 2024				
West: Building Construction + Architectural Coatings - 2024	5.6	41.6	0.19	0.19
West: Building Construction + Architectural Coatings + Paving - 2024	6.4	43.4	0.17	0.17
West: Building Construction + Architectural Coatings - 2025	3.1	22.7	0.11	0.11
Daily Maximum Emissions	**9.0**	**75.7**	**0.5**	**0.3**
Localized Significance Thresholds	154	1755	15.0	7.6
Exceeds Threshold?	No	No	No	No

Hollywood Center

Air Quality Construction Analysis

Mitigated - Construction East Site First Scenario

West Site Regional Emissions

Regional Maximums Source	ROG	NOX	CO	SO2	PM10 Total	Total PM2.5
			lb/day			
Demolition - 2022	0.8	17.2	24.0	0.10	2.2	0.7
Utilities/Trenching - 2022	0.1	0.6	9.0	0.02	0.2	0.1
Site Preparation - 2022	0.2	0.7	7.5	0.01	0.3	0.1
Grading - 2022	2.1	48.4	43.0	0.25	8.1	2.6
Grading - 2022	0.9	4.4	36.1	0.07	2.7	0.1
Foundations/Concrete Pour - 2022 (Shoring Wall + Cast in Drilled Hole Foundation)	0.5	3.8	19.0	0.05	3.0	0.9
Foundations/Concrete Pour - 2023 (Shoring Wall + Cast in Drilled Hole Foundation)	0.5	3.3	18.3	0.05	3.0	0.9
Foundations/Concrete Pour - 2023 (Mat Foundation)	0.6	10.7	25.0	0.09	4.1	1.2
Foundations/Concrete Pour - 2023 (Column Footings)	0.5	4.2	18.7	0.06	3.2	0.9
Building Construction - 2023 (Structure Equipment Garage)	1.0	10.3	39.4	0.13	7.7	2.2
Building Construction - 2023 (Structure Equipment Tower)	1.0	8.2	38.6	0.12	7.4	2.1
Building Construction - 2023 (Structure Equipment Affordable)	1.0	8.5	38.7	0.12	7.5	2.1
Building Construction - 2023 (Retail)	1.0	7.6	38.4	0.12	7.3	2.1
Building Construction - 2023	0.9	6.2	37.8	0.11	7.1	2.0
Building Construction - 2024	0.9	6.1	36.6	0.11	7.1	2.0
Building Construction - 2025	0.8	5.9	35.5	0.11	7.1	2.0
Architectural Coating - 2023	13.2	0.8	4.3	0.01	0.2	0.1
Architectural Coating - 2024	13.2	0.7	4.3	0.01	0.2	0.1
Architectural Coating - 2025	13.2	0.7	4.3	0.01	0.2	0.1
Paving - 2024	0.5	3.3	21.3	0.04	0.3	0.1
Overlapping Phases						
Demolition + Utilities Trenching + Site Preparation - 2021	1.1	18.5	40.5	0.13	2.6	0.9
Demolition + Site Preparation + Grading/Excavation - 2021	3.1	66.3	74.5	0.36	10.6	3.4
Grading - 2022	0.9	4.4	36.1	0.07	2.7	0.1
Foundations/Concrete Pour - 2022 (Shoring Wall + Cast in Drilled Hole Foundation)	0.5	3.8	19.0	0.05	3.0	0.9
Foundations/Concrete Pour - 2023 (Shoring Wall + Cast in Drilled Hole Foundation)	0.5	3.3	18.3	0.05	3.0	0.9
Foundations/Concrete Pour - 2023 (Mat Foundation)	0.6	10.7	25.0	0.09	4.1	1.2
Foundations/Concrete Pour - 2023 (Column Footings)	0.5	4.2	18.7	0.06	3.2	0.9
Building Construction - 2023 (Structure Equipment Garage)	1.0	10.3	39.4	0.13	7.7	2.2
Building Construction - 2023 (Structure Equipment Tower)	1.0	8.2	38.6	0.12	7.4	2.1
Building Construction - 2023 (Structure Equipment Affordable)	1.0	8.5	38.7	0.12	7.5	2.1
Building Construction - 2023 (Retail)	1.0	7.6	38.4	0.12	7.3	2.1
Building Construction + Architectural Coating - 2022	14.2	6.9	42.2	0.12	7.4	2.1
Building Construction + Architectural Coating + Paving - 2023	14.6	10.1	62.2	0.15	7.7	2.2
Building Construction + Architectural Coating - 2024	14.1	6.7	39.8	0.12	7.3	2.1
Daily Maximum Emissions	**15**	**66**	**75**	**0.4**	**11**	**3**
SCAQMD Regional Threshold	75	100	550	150	150	55
Exceeds Threshold?	No	No	No	No	No	No

Hollywood Center

Air Quality Construction Analysis

Mitigated - Construction East Site First Scenario

West Site Onsite Emissions

Localized Emissions Summary	NOX	CO	PM10 Total	Total PM2.5
Source		lb/day		
Demolition - 2022	2.07	21.22	0.15	0.08
Utilities/Trenching - 2022	0.61	8.64	0.02	0.02
Site Preparation - 2022	0.61	6.75	0.05	0.02
Grading - 2022	3.87	28.90	0.18	0.14
Grading - 2022	3.87	28.90	0.18	0.14
Foundations/Concrete Pour - 2022 (Shoring Wall + Cast in Drilled Hole	1.63	10.50	0.06	0.06
Foundations/Concrete Pour - 2023 (Shoring Wall + Cast in Drilled Hole	1.63	10.50	0.06	0.06
Foundations/Concrete Pour - 2023 (Mat Foundation)	1.00	14.20	0.03	0.03
Foundations/Concrete Pour - 2023 (Column Footings)	1.63	10.50	0.06	0.06
Building Construction - 2023 (Structure Equipment Garage)	2.42	18.85	0.08	0.08
Building Construction - 2023 (Structure Equipment Tower)	2.42	18.85	0.08	0.08
Building Construction - 2023 (Structure Equipment Affordable)	2.42	18.85	0.08	0.08
Building Construction - 2023 (Retail)	2.42	18.85	0.08	0.08
Building Construction - 2023	2.42	18.85	0.08	0.08
Building Construction - 2024	2.42	18.85	0.08	0.08
Building Construction - 2025	2.42	18.85	0.08	0.08
Architectural Coating - 2023	0.72	3.86	0.03	0.03
Architectural Coating - 2024	0.72	3.86	0.03	0.03
Architectural Coating - 2025	0.72	3.86	0.03	0.03
Paving - 2024	3.27	20.67	0.06	0.06
Daily Maximum Emission	3.87	28.90	0.18	0.14
Localized Significance Threshold	105.0	1019.0	7.8	4.8
Exceed Threshold?	No	No	No	No

Overlapping Phases				
Demolition + Utilities Trenching + Site Preparation - 2021	3	28	0.2	0.1
Demolition + Site Preparation + Grading/Excavation - 2021	7	57	0.4	0.2
Grading - 2022	4	29	0.2	0.1
Foundations/Concrete Pour - 2022 (Shoring Wall + Cast in Drilled Hole Foundation)	2	11	0.1	0.1
Foundations/Concrete Pour - 2022 (Mat Foundation)	1	14	0.03	0.03
Foundations/Concrete Pour - 2022 (Column Footings)	2	11	0.1	0.1
Building Construction - 2022 (Structure Equipment Garage)	2	19	0.1	0.1
Building Construction - 2022 (Structure Equipment Tower)	2	19	0.1	0.1
Building Construction - 2022 (Structure Equipment Affordable)	2	19	0.1	0.1
Building Construction - 2022 (Retail)	2	19	0.1	0.1
Building Construction + Architectural Coating - 2022	3	23	0.1	0.1
Building Construction + Architectural Coating + Paving - 2023	6	43	0.2	0.2
Building Construction + Architectural Coating - 2024	3	23	0.1	0.1
Daily Maximum Emission	**6.6**	**56.9**	**0.4**	**0.2**
Localized Significance Threshold	105	1019	7.8	4.8
Exceed Threshold?	No	No	No	No

Hollywood Center
Air Quality Construction Analysis
Mitigated - Construction East Site First Scenario
East Site Regional Emissions

Regional Maximums Source	ROG	NOX	CO	SO2	PM10 Total	Total PM2.5
			lb/day			
Site Preparation - 2021	0.8	17.7	10.5	0.06	2.0	0.8
Grading - 2021	3.3	67.2	47.5	0.26	8.9	3.3
Grading - 2021	1.0	4.5	36.8	0.07	2.7	0.8
Utilities/Trenching - 2021	0.1	0.6	9.1	0.02	0.2	0.1
Foundations/Concrete Pour (Shoring Wall+Cast In Drilled Hole Foundation) - 2021	0.6	4.5	19.9	0.05	3.0	0.9
Foundations/Concrete Pour (Mat Foundation)- 2021	0.9	14.7	23.3	0.08	4.0	1.2
Foundations/Concrete Pour (Column Footings) - 2021	0.7	6.2	20.3	0.06	3.2	0.9
Building Construction - 2022 (Structure Equipment Garage)	1.2	13.0	41.2	0.14	7.8	2.2
Building Construction - 2022 (Structure Equipment Tower)	1.1	9.8	40.3	0.12	7.4	2.1
Building Construction - 2022 (Structure Equipment Affordable)	1.1	9.5	40.2	0.12	7.4	2.1
Building Construction - 2022 (Retail)	1.1	11.1	40.7	0.13	7.6	2.1
Building Construction - 2022	1.0	7.1	39.5	0.11	7.2	2.0
Building Construction - 2023	0.9	6.2	37.8	0.11	7.1	2.0
Building Construction - 2024	0.9	6.1	36.6	0.11	7.1	2.0
Architectural Coating - 2022	12.9	0.8	4.3	0.01	0.2	0.1
Architectural Coating - 2022	12.9	0.8	4.3	0.01	0.2	0.1
Architectural Coating - 2023	12.9	0.7	4.3	0.01	0.2	0.1
Paving - 2023	0.5	3.3	21.4	0.04	0.3	0.1
Overlapping Phases						
2022						
Site Preparation + Utilities/Trenching + Grading/Excavation - 2022	4.2	85.5	67.1	0.34	11.0	4.1
Grading Excavation - 2023	1.0	4.5	36.8	0.07	2.7	0.8
Foundations/Concrete Pour (Shoring Wall+Cast In Drilled Hole Foundation) - 2021	0.6	4.5	19.9	0.05	3.0	0.9
Foundations/Concrete Pour (Mat Foundation)- 2021	0.9	14.7	23.3	0.08	4.0	1.2
Foundations/Concrete Pour (Column Footings) - 2021	0.7	6.2	20.3	0.06	3.2	0.9
Building Construction - 2022 (Structure Equipment Garage)	1.2	13.0	41.2	0.14	7.8	2.2
Building Construction - 2022 (Structure Equipment Tower)	1.1	9.8	40.3	0.12	7.4	2.1
Building Construction - 2022 (Structure Equipment Affordable)	1.1	9.5	40.2	0.12	7.4	2.1
Building Construction - 2022 (Retail)	1.1	11.1	40.7	0.13	7.6	2.1
Building Construction + Architectural Coating - 2023	13.9	7.8	43.8	0.12	7.4	2.1
Building Construction + Architectural Coating + Paving - 2024	14.3	10.2	63.6	0.16	7.7	2.2
Building Construction + Architectural Coating - 2025	13.8	6.8	40.9	0.12	7.4	2.1
Daily Maximum Emissions	**14**	**86**	**67**	**0.3**	**11**	**4**
SCAQMD Regional Threshold	75	100	550	150	150	55
Exceeds Threshold?	No	No	No	No	No	No

Hollywood Center
Air Quality Construction Analysis
Mitigated - Construction East Site First Scenario
East Site Onsite Emissions

Localized Emissions Summary Source	NOX	CO lb/day	PM10 Total	Total PM2.5
Site Preparation - 2021	0.6	6.8	0.06	0.02
Grading - 2021	3.9	28.9	0.18	0.14
Grading - 2021	3.9	28.9	0.18	0.14
Utilities/Trenching - 2021	0.6	8.6	0.02	0.02
Foundations/Concrete Pour (Shoring Wall+Cast In Drilled Hole Foundation) - 2021	1.6	10.5	0.06	0.06
Foundations/Concrete Pour (Mat Foundation)- 2021	0.8	11.2	0.02	0.02
Foundations/Concrete Pour (Column Footings) - 2021	1.6	10.5	0.06	0.06
Building Construction - 2022 (Structure Equipment Garage)	2.4	18.8	0.08	0.08
Building Construction - 2022 (Structure Equipment Tower)	2.4	18.8	0.08	0.08
Building Construction - 2022 (Structure Equipment Affordable)	2.4	18.8	0.08	0.08
Building Construction - 2022 (Retail)	2.4	18.8	0.08	0.08
Building Construction - 2022	2.4	18.8	0.08	0.08
Building Construction - 2023	2.4	18.8	0.08	0.08
Building Construction - 2024	2.4	18.8	0.08	0.08
Architectural Coating - 2022	0.7	3.9	0.03	0.03
Architectural Coating - 2022	0.7	3.9	0.03	0.03
Architectural Coating - 2023	0.7	3.9	0.03	0.03
Paving - 2023	3.3	20.7	0.06	0.06
Daily Maximum	3.9	28.9	0.18	0.14
Localized Significance Threshold	120.00	1235.00	9.80	5.70
Exceed Threshold?	No	No	No	No

Overlapping Phases				
Site Preparation + Utilities/Trenching + Grading/Excavation - 2022	5.1	44.3	0.26	0.18
Grading Excavation - 2023	3.9	28.9	0.18	0.14
Foundations/Concrete Pour (Shoring Wall+Cast In Drilled Hole Foundation) - 2023	1.6	10.5	0.06	0.06
Foundations/Concrete Pour (Mat Foundation)- 2023	0.8	11.2	0.02	0.02
Foundations/Concrete Pour (Column Footings) - 2023	1.6	10.5	0.06	0.06
Building Construction - 2023 (Structure Equipment Garage)	2.4	18.8	0.08	0.08
Building Construction - 2023 (Structure Equipment Tower)	2.4	18.8	0.08	0.08
Building Construction - 2023 (Structure Equipment Affordable)	2.4	18.8	0.08	0.08
Building Construction - 2023 (Retail)	2.4	18.8	0.08	0.08
Building Construction + Architectural Coating - 2023	3.1	22.7	0.11	0.11
Building Construction + Architectural Coating + Paving - 2024	6.4	43.4	0.17	0.17
Building Construction + Architectural Coating - 2025	3.1	22.7	0.11	0.11
Daily Maximum Emissions	**6.4**	**44.3**	**0.3**	**0.2**
Localized Significance Threshold	120	1235	9.8	5.7
Exceed Threshold?	No	No	No	No

Hollywood Center-East-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
General Office Building	32.66	1000sqft	0.10	32,665.00	0
Enclosed Parking with Elevator	684.00	Space	0.80	353,824.00	0
Other Non-Asphalt Surfaces	21.15	1000sqft	0.10	21,150.00	0
User Defined Parking	1.63	User Defined Unit	0.14	1,627.00	0
City Park	0.81	Acre	0.10	35,300.00	0
Fast Food Restaurant w/o Drive Thru	2.73	1000sqft	0.10	2,732.00	0
High Turnover (Sit Down Restaurant)	15.48	1000sqft	0.10	15,482.00	0
Apartments Mid Rise	65.00	Dwelling Unit	0.30	67,149.00	186
Condo/Townhouse High Rise	423.00	Dwelling Unit	0.95	575,100.00	1210

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)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see construction assumptions

Construction Phase - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment -

Trips and VMT - construction mobile emissions calculated outside of CalEEMod

Grading - see construction assumptions

Architectural Coating - see construction assumptions

Construction Off-road Equipment Mitigation - see construction assumptions

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	25,440.00	53,665.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	76,319.00	160,994.00
tblArchitecturalCoating	ConstArea_Parking	22,596.00	21,327.00
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	10.00	401.00
tblConstructionPhase	NumDays	220.00	40.00
tblConstructionPhase	NumDays	220.00	726.00
tblConstructionPhase	NumDays	6.00	259.00
tblConstructionPhase	NumDays	10.00	78.00
tblConstructionPhase	NumDays	3.00	27.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00

tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	0.00	2.69
tblGrading	AcresOfGrading	0.00	2.69
tblGrading	MaterialExported	0.00	260,930.00
tblGrading	MaterialExported	0.00	704.00
tblLandUse	LandUseSquareFeet	32,660.00	32,665.00
tblLandUse	LandUseSquareFeet	273,600.00	353,824.00
tblLandUse	LandUseSquareFeet	0.00	1,627.00
tblLandUse	LandUseSquareFeet	35,283.60	35,300.00
tblLandUse	LandUseSquareFeet	2,730.00	2,732.00
tblLandUse	LandUseSquareFeet	15,480.00	15,482.00
tblLandUse	LandUseSquareFeet	65,000.00	67,149.00
tblLandUse	LandUseSquareFeet	423,000.00	575,100.00
tblLandUse	LotAcreage	0.75	0.10
tblLandUse	LotAcreage	6.16	0.80
tblLandUse	LotAcreage	0.49	0.10
tblLandUse	LotAcreage	0.00	0.14
tblLandUse	LotAcreage	0.81	0.10
tblLandUse	LotAcreage	0.06	0.10
tblLandUse	LotAcreage	0.36	0.10
tblLandUse	LotAcreage	1.71	0.30
tblLandUse	LotAcreage	6.61	0.95
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	HaulingTripNumber	88.00	0.00
tblTripsAndVMT	HaulingTripNumber	32,616.00	0.00
tblTripsAndVMT	VendorTripNumber	128.00	0.00
tblTripsAndVMT	VendorTripNumber	128.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	30.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	542.00	0.00
tblTripsAndVMT	WorkerTripNumber	542.00	0.00
tblTripsAndVMT	WorkerTripNumber	108.00	0.00
tblTripsAndVMT	WorkerTripNumber	20.00	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					
2021	4.1244	40.5276	36.7524	0.0787	0.2336	1.7739	2.0074	0.0303	1.6602	1.6905	0.0000	7,548.0080	7,548.0080	2.1468	0.0000	7,601.6784
2022	15.5591	25.4670	23.3678	0.0505	0.0000	1.2227	1.2227	0.0000	1.1707	1.1707	0.0000	4,807.9404	4,807.9404	0.9800	0.0000	4,832.4403
2023	17.0276	39.8059	39.5893	0.0846	0.0000	1.8133	1.8133	0.0000	1.7196	1.7196	0.0000	8,082.6203	8,082.6203	1.8596	0.0000	8,129.1103
2024	2.0910	18.9186	19.2617	0.0443	0.0000	0.8155	0.8155	0.0000	0.7778	0.7778	0.0000	4,227.9894	4,227.9894	0.8905	0.0000	4,250.2510
Maximum	**17.0276**	**40.5276**	**39.5893**	**0.0846**	**0.2336**	**1.8133**	**2.0074**	**0.0303**	**1.7196**	**1.7196**	**0.0000**	**8,082.6203**	**8,082.6203**	**2.1468**	**0.0000**	**8,129.1103**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.0719	5.0925	44.2930	0.0787	0.0911	0.1671	0.2582	0.0118	0.1671	0.1789	0.0000	6,989.2692	6,989.2692	1.9661	0.0000	7,038.4220
2022	13.3731	3.1416	22.7044	0.0505	0.0000	0.1059	0.1059	0.0000	0.1059	0.1059	0.0000	3,690.2797	3,690.2797	0.6185	0.0000	3,705.7428
2023	13.8430	6.4078	43.3788	0.0846	0.0000	0.1688	0.1688	0.0000	0.1688	0.1688	0.0000	6,964.9818	6,964.9818	1.4981	0.0000	7,002.4351
2024	0.4918	2.4238	18.8490	0.0443	0.0000	0.0805	0.0805	0.0000	0.0805	0.0805	0.0000	3,110.3747	3,110.3747	0.5290	0.0000	3,123.5998
Maximum	**13.8430**	**6.4078**	**44.2930**	**0.0846**	**0.0911**	**0.1688**	**0.2582**	**0.0118**	**0.1688**	**0.1789**	**0.0000**	**6,989.2692**	**6,989.2692**	**1.9661**	**0.0000**	**7,038.4220**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**25.83**	**86.32**	**-8.62**	**0.00**	**61.00**	**90.71**	**89.53**	**61.02**	**90.20**	**90.03**	**0.00**	**15.86**	**15.86**	**21.53**	**0.00**	**15.89**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/4/2021	2/3/2021	6	27	
2	Grading	Grading	1/18/2021	11/15/2021	6	259	
3	Utilties/Trenching	Trenching	1/18/2021	1/29/2021	6	11	
4	Foundations	Building Construction	11/16/2021	12/31/2021	6	40	
5	Building Construction	Building Construction	1/1/2022	4/26/2024	6	726	
6	Architectural Coating	Architectural Coating	8/19/2022	11/29/2023	6	401	
7	Paving	Paving	5/18/2023	8/16/2023	6	78	

Acres of Grading (Site Preparation Phase): 2.69

Acres of Grading (Grading Phase): 2.69

Acres of Paving: 1.04

Residential Indoor: 1,300,554; Residential Outdoor: 433,518; Non-Residential Indoor: 160,994; Non-Residential Outdoor: 53,665; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Graders	0	8.00	187	0.41
Site Preparation	Rubber Tired Loaders	1	8.00	203	0.36
Site Preparation	Scrapers	0	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	221	0.50
Grading	Dumpers/Tenders	2	8.00	16	0.38
Grading	Excavators	4	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41

Grading	Plate Compactors	2	8.00	8	0.43
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Rubber Tired Loaders	2	8.00	203	0.36
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Utilties/Trenching	Air Compressors	1	8.00	78	0.48
Utilties/Trenching	Concrete/Industrial Saws	1	8.00	81	0.73
Utilties/Trenching	Cranes	1	8.00	231	0.29
Utilties/Trenching	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Air Compressors	1	8.00	78	0.48
Foundations	Cranes	1	8.00	231	0.29
Foundations	Dumpers/Tenders	2	8.00	16	0.38
Foundations	Forklifts	1	8.00	89	0.20
Foundations	Generator Sets	1	8.00	84	0.74
Foundations	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Welders	0	8.00	46	0.45
Building Construction	Air Compressors	1	8.00	78	0.48
Building Construction	Bore/Drill Rigs	1	8.00	221	0.50
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Dumpers/Tenders	2	8.00	16	0.38
Building Construction	Forklifts	1	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48
Architectural Coating	Dumpers/Tenders	1	8.00	16	0.38
Architectural Coating	Forklifts	1	8.00	89	0.20
Paving	Cement and Mortar Mixers	0	8.00	9	0.56
Paving	Concrete/Industrial Saws	1	8.00	81	0.73
Paving	Graders	1	8.00	187	0.41

Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Plate Compactors	1	8.00	8	0.43
Paving	Rollers	1	8.00	80	0.38
Paving	Surfacing Equipment	1	8.00	263	0.30
Paving	Sweepers/Scrubbers	1	8.00	64	0.46
Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	12	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Utilties/Trenching	4	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Foundations	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	10	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1086	0.0000	0.1086	0.0119	0.0000	0.0119			0.0000			0.0000
Off-Road	0.5722	6.0172	4.8705	0.0114		0.2333	0.2333		0.2146	0.2146		1,105.4182	1,105.4182	0.3575		1,114.3561
Total	**0.5722**	**6.0172**	**4.8705**	**0.0114**	**0.1086**	**0.2333**	**0.3419**	**0.0119**	**0.2146**	**0.2265**		**1,105.4182**	**1,105.4182**	**0.3575**		**1,114.3561**

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**

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					0.0424	0.0000	0.0424	4.6200e-003	0.0000	4.6200e-003			0.0000			0.0000
Off-Road	0.1409	0.6104	6.7536	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.4182	1,105.4182	0.3575		1,114.3561
Total	**0.1409**	**0.6104**	**6.7536**	**0.0114**	**0.0424**	**0.0188**	**0.0611**	**4.6200e-003**	**0.0188**	**0.0234**	**0.0000**	**1,105.4182**	**1,105.4182**	**0.3575**		**1,114.3561**

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**

3.3 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1250	0.0000	0.1250	0.0184	0.0000	0.0184			0.0000			0.0000
Off-Road	2.2753	22.6916	21.5414	0.0482		0.9334	0.9334		0.8630	0.8630		4,615.0222	4,615.0222	1.4511		4,651.3000
Total	**2.2753**	**22.6916**	**21.5414**	**0.0482**	**0.1250**	**0.9334**	**1.0583**	**0.0184**	**0.8630**	**0.8815**		**4,615.0222**	**4,615.0222**	**1.4511**		**4,651.3000**

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**

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					0.0487	0.0000	0.0487	7.1900e-003	0.0000	7.1900e-003			0.0000			0.0000
Off-Road	0.7908	3.8747	28.8955	0.0482		0.1297	0.1297		0.1297	0.1297	0.0000	4,615.0222	4,615.0222	1.4511		4,651.3000
Total	**0.7908**	**3.8747**	**28.8955**	**0.0482**	**0.0487**	**0.1297**	**0.1784**	**7.1900e-003**	**0.1297**	**0.1369**	**0.0000**	**4,615.0222**	**4,615.0222**	**1.4511**		**4,651.3000**

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**

3.4 Utilties/Trenching - 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	1.2769	11.8188	10.3405	0.0191		0.6072	0.6072		0.5825	0.5825		1,827.5675	1,827.5675	0.3382		1,836.0224
Total	**1.2769**	**11.8188**	**10.3405**	**0.0191**		**0.6072**	**0.6072**		**0.5825**	**0.5825**		**1,827.5675**	**1,827.5675**	**0.3382**		**1,836.0224**

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**

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	0.1402	0.6074	8.6439	0.0191		0.0187	0.0187		0.0187	0.0187	0.0000	1,268.8288	1,268.8288	0.1575		1,272.7659
Total	**0.1402**	**0.6074**	**8.6439**	**0.0191**		**0.0187**	**0.0187**		**0.0187**	**0.0187**	**0.0000**	**1,268.8288**	**1,268.8288**	**0.1575**		**1,272.7659**

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**

3.5 Foundations - 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	1.5257	14.0555	12.0207	0.0224		0.7205	0.7205		0.6891	0.6891		2,127.8489	2,127.8489	0.3965		2,137.7622
Total	**1.5257**	**14.0555**	**12.0207**	**0.0224**		**0.7205**	**0.7205**		**0.6891**	**0.6891**		**2,127.8489**	**2,127.8489**	**0.3965**		**2,137.7622**

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**

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	0.3091	1.6322	10.5049	0.0224		0.0566	0.0566		0.0566	0.0566	0.0000	1,569.1102	1,569.1102	0.2158		1,574.5057
Total	**0.3091**	**1.6322**	**10.5049**	**0.0224**		**0.0566**	**0.0566**		**0.0566**	**0.0566**	**0.0000**	**1,569.1102**	**1,569.1102**	**0.2158**		**1,574.5057**

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**

3.6 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3499	22.0696	19.5451	0.0442		1.0265	1.0265		0.9801	0.9801		4,223.7051	4,223.7051	0.9012		4,246.2339
Total	**2.3499**	**22.0696**	**19.5451**	**0.0442**		**1.0265**	**1.0265**		**0.9801**	**0.9801**		**4,223.7051**	**4,223.7051**	**0.9012**		**4,246.2339**

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**

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	0.4918	2.4238	18.8488	0.0442		0.0807	0.0807		0.0807	0.0807	0.0000	3,106.0444	3,106.0444	0.5397		3,119.5363
Total	**0.4918**	**2.4238**	**18.8488**	**0.0442**		**0.0807**	**0.0807**		**0.0807**	**0.0807**	**0.0000**	**3,106.0444**	**3,106.0444**	**0.5397**		**3,119.5363**

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**

3.6 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2080	20.3008	19.3889	0.0443		0.9121	0.9121		0.8705	0.8705		4,225.8629	4,225.8629	0.8944		4,248.2225
Total	**2.2080**	**20.3008**	**19.3889**	**0.0443**		**0.9121**	**0.9121**		**0.8705**	**0.8705**		**4,225.8629**	**4,225.8629**	**0.8944**		**4,248.2225**

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**

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	0.4918	2.4238	18.8488	0.0443		0.0807	0.0807		0.0807	0.0807	0.0000	3,108.2244	3,108.2244	0.5329		3,121.5474
Total	**0.4918**	**2.4238**	**18.8488**	**0.0443**		**0.0807**	**0.0807**		**0.0807**	**0.0807**	**0.0000**	**3,108.2244**	**3,108.2244**	**0.5329**		**3,121.5474**

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**

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0910	18.9186	19.2617	0.0443		0.8155	0.8155		0.7778	0.7778		4,227.9894	4,227.9894	0.8905		4,250.2510
Total	**2.0910**	**18.9186**	**19.2617**	**0.0443**		**0.8155**	**0.8155**		**0.7778**	**0.7778**		**4,227.9894**	**4,227.9894**	**0.8905**		**4,250.2510**

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**

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	0.4918	2.4238	18.8490	0.0443		0.0805	0.0805		0.0805	0.0805	0.0000	3,110.3747	3,110.3747	0.5290		3,123.5998
Total	**0.4918**	**2.4238**	**18.8490**	**0.0443**		**0.0805**	**0.0805**		**0.0805**	**0.0805**	**0.0000**	**3,110.3747**	**3,110.3747**	**0.5290**		**3,123.5998**

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**

3.7 Architectural Coating - 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	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4598	3.3974	3.8227	6.2400e-003		0.1962	0.1962		0.1906	0.1906		584.2352	584.2352	0.0789		586.2065
Total	**13.2092**	**3.3974**	**3.8227**	**6.2400e-003**		**0.1962**	**0.1962**		**0.1906**	**0.1906**		**584.2352**	**584.2352**	**0.0789**		**586.2065**

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**

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	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1319	0.7178	3.8556	6.2400e-003		0.0252	0.0252		0.0252	0.0252	0.0000	584.2352	584.2352	0.0789		586.2065
Total	**12.8813**	**0.7178**	**3.8556**	**6.2400e-003**		**0.0252**	**0.0252**		**0.0252**	**0.0252**	**0.0000**	**584.2352**	**584.2352**	**0.0789**		**586.2065**

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**

3.7 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4315	3.1615	3.8104	6.2400e-003		0.1711	0.1711		0.1664	0.1664		584.2352	584.2352	0.0769		586.1569
Total	**13.1809**	**3.1615**	**3.8104**	**6.2400e-003**		**0.1711**	**0.1711**		**0.1664**	**0.1664**		**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

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	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1319	0.7178	3.8556	6.2400e-003		0.0252	0.0252		0.0252	0.0252	0.0000	584.2352	584.2352	0.0769		586.1569
Total	**12.8813**	**0.7178**	**3.8556**	**6.2400e-003**		**0.0252**	**0.0252**		**0.0252**	**0.0252**	**0.0000**	**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

3.8 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6387	16.3436	16.3899	0.0341		0.7301	0.7301		0.6827	0.6827		3,272.5221	3,272.5221	0.8884		3,294.7309
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6387**	**16.3436**	**16.3899**	**0.0341**		**0.7301**	**0.7301**		**0.6827**	**0.6827**		**3,272.5221**	**3,272.5221**	**0.8884**		**3,294.7309**

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**

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	0.4699	3.2662	20.6744	0.0341		0.0629	0.0629		0.0629	0.0629	0.0000	3,272.5221	3,272.5221	0.8884		3,294.7309
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4699**	**3.2662**	**20.6744**	**0.0341**		**0.0629**	**0.0629**		**0.0629**	**0.0629**	**0.0000**	**3,272.5221**	**3,272.5221**	**0.8884**		**3,294.7309**

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**

Hollywood Center-East-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
General Office Building	32.66	1000sqft	0.10	32,665.00	0
Enclosed Parking with Elevator	684.00	Space	0.80	353,824.00	0
Other Non-Asphalt Surfaces	21.15	1000sqft	0.10	21,150.00	0
User Defined Parking	1.63	User Defined Unit	0.14	1,627.00	0
City Park	0.81	Acre	0.10	35,300.00	0
Fast Food Restaurant w/o Drive Thru	2.73	1000sqft	0.10	2,732.00	0
High Turnover (Sit Down Restaurant)	15.48	1000sqft	0.10	15,482.00	0
Apartments Mid Rise	65.00	Dwelling Unit	0.30	67,149.00	186
Condo/Townhouse High Rise	423.00	Dwelling Unit	0.95	575,100.00	1210

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)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see construction assumptions

Construction Phase - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment -

Trips and VMT - construction mobile emissions calculated outside of CalEEMod

Grading - see construction assumptions

Architectural Coating - see construction assumptions

Construction Off-road Equipment Mitigation - see construction assumptions

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	25,440.00	53,665.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	76,319.00	160,994.00
tblArchitecturalCoating	ConstArea_Parking	22,596.00	21,327.00
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
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tblConstructionPhase	NumDays	6.00	259.00
tblConstructionPhase	NumDays	10.00	78.00
tblConstructionPhase	NumDays	3.00	27.00
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tblConstructionPhase	NumDaysWeek	5.00	6.00
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tblConstructionPhase	NumDaysWeek	5.00	6.00

tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	0.00	2.69
tblGrading	AcresOfGrading	0.00	2.69
tblGrading	MaterialExported	0.00	260,930.00
tblGrading	MaterialExported	0.00	704.00
tblLandUse	LandUseSquareFeet	32,660.00	32,665.00
tblLandUse	LandUseSquareFeet	273,600.00	353,824.00
tblLandUse	LandUseSquareFeet	0.00	1,627.00
tblLandUse	LandUseSquareFeet	35,283.60	35,300.00
tblLandUse	LandUseSquareFeet	2,730.00	2,732.00
tblLandUse	LandUseSquareFeet	15,480.00	15,482.00
tblLandUse	LandUseSquareFeet	65,000.00	67,149.00
tblLandUse	LandUseSquareFeet	423,000.00	575,100.00
tblLandUse	LotAcreage	0.75	0.10
tblLandUse	LotAcreage	6.16	0.80
tblLandUse	LotAcreage	0.49	0.10
tblLandUse	LotAcreage	0.00	0.14
tblLandUse	LotAcreage	0.81	0.10
tblLandUse	LotAcreage	0.06	0.10
tblLandUse	LotAcreage	0.36	0.10
tblLandUse	LotAcreage	1.71	0.30
tblLandUse	LotAcreage	6.61	0.95
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
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tblTripsAndVMT	HaulingTripNumber	88.00	0.00
tblTripsAndVMT	HaulingTripNumber	32,616.00	0.00
tblTripsAndVMT	VendorTripNumber	128.00	0.00
tblTripsAndVMT	VendorTripNumber	128.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	30.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	542.00	0.00
tblTripsAndVMT	WorkerTripNumber	542.00	0.00
tblTripsAndVMT	WorkerTripNumber	108.00	0.00
tblTripsAndVMT	WorkerTripNumber	20.00	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					
2021	4.1244	40.5276	36.7524	0.0787	0.2336	1.7739	2.0074	0.0303	1.6602	1.6905	0.0000	7,548.0080	7,548.0080	2.1468	0.0000	7,601.6784
2022	15.5591	25.4670	23.3678	0.0505	0.0000	1.2227	1.2227	0.0000	1.1707	1.1707	0.0000	4,807.9404	4,807.9404	0.9800	0.0000	4,832.4403
2023	17.0276	39.8059	39.5893	0.0846	0.0000	1.8133	1.8133	0.0000	1.7196	1.7196	0.0000	8,082.6203	8,082.6203	1.8596	0.0000	8,129.1103
2024	2.0910	18.9186	19.2617	0.0443	0.0000	0.8155	0.8155	0.0000	0.7778	0.7778	0.0000	4,227.9894	4,227.9894	0.8905	0.0000	4,250.2510
Maximum	**17.0276**	**40.5276**	**39.5893**	**0.0846**	**0.2336**	**1.8133**	**2.0074**	**0.0303**	**1.7196**	**1.7196**	**0.0000**	**8,082.6203**	**8,082.6203**	**2.1468**	**0.0000**	**8,129.1103**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.0719	5.0925	44.2930	0.0787	0.0911	0.1671	0.2582	0.0118	0.1671	0.1789	0.0000	6,989.2692	6,989.2692	1.9661	0.0000	7,038.4220
2022	13.3731	3.1416	22.7044	0.0505	0.0000	0.1059	0.1059	0.0000	0.1059	0.1059	0.0000	3,690.2797	3,690.2797	0.6185	0.0000	3,705.7428
2023	13.8430	6.4078	43.3788	0.0846	0.0000	0.1688	0.1688	0.0000	0.1688	0.1688	0.0000	6,964.9818	6,964.9818	1.4981	0.0000	7,002.4351
2024	0.4918	2.4238	18.8490	0.0443	0.0000	0.0805	0.0805	0.0000	0.0805	0.0805	0.0000	3,110.3747	3,110.3747	0.5290	0.0000	3,123.5998
Maximum	**13.8430**	**6.4078**	**44.2930**	**0.0846**	**0.0911**	**0.1688**	**0.2582**	**0.0118**	**0.1688**	**0.1789**	**0.0000**	**6,989.2692**	**6,989.2692**	**1.9661**	**0.0000**	**7,038.4220**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**25.83**	**86.32**	**-8.62**	**0.00**	**61.00**	**90.71**	**89.53**	**61.02**	**90.20**	**90.03**	**0.00**	**15.86**	**15.86**	**21.53**	**0.00**	**15.89**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/4/2021	2/3/2021	6	27	
2	Grading	Grading	1/18/2021	11/15/2021	6	259	
3	Utilties/Trenching	Trenching	1/18/2021	1/29/2021	6	11	
4	Foundations	Building Construction	11/16/2021	12/31/2021	6	40	
5	Building Construction	Building Construction	1/1/2022	4/26/2024	6	726	
6	Architectural Coating	Architectural Coating	8/19/2022	11/29/2023	6	401	
7	Paving	Paving	5/18/2023	8/16/2023	6	78	

Acres of Grading (Site Preparation Phase): 2.69

Acres of Grading (Grading Phase): 2.69

Acres of Paving: 1.04

Residential Indoor: 1,300,554; Residential Outdoor: 433,518; Non-Residential Indoor: 160,994; Non-Residential Outdoor: 53,665; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Graders	0	8.00	187	0.41
Site Preparation	Rubber Tired Loaders	1	8.00	203	0.36
Site Preparation	Scrapers	0	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	221	0.50
Grading	Dumpers/Tenders	2	8.00	16	0.38
Grading	Excavators	4	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Plate Compactors	2	8.00	8	0.43
Grading	Rubber Tired Dozers	0	8.00	247	0.40

Grading	Rubber Tired Loaders	2	8.00	203	0.36
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Utilties/Trenching	Air Compressors	1	8.00	78	0.48
Utilties/Trenching	Concrete/Industrial Saws	1	8.00	81	0.73
Utilties/Trenching	Cranes	1	8.00	231	0.29
Utilties/Trenching	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Air Compressors	1	8.00	78	0.48
Foundations	Cranes	1	8.00	231	0.29
Foundations	Dumpers/Tenders	2	8.00	16	0.38
Foundations	Forklifts	1	8.00	89	0.20
Foundations	Generator Sets	1	8.00	84	0.74
Foundations	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Welders	0	8.00	46	0.45
Building Construction	Air Compressors	1	8.00	78	0.48
Building Construction	Bore/Drill Rigs	1	8.00	221	0.50
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Dumpers/Tenders	2	8.00	16	0.38
Building Construction	Forklifts	1	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48
Architectural Coating	Dumpers/Tenders	1	8.00	16	0.38
Architectural Coating	Forklifts	1	8.00	89	0.20
Paving	Cement and Mortar Mixers	0	8.00	9	0.56
Paving	Concrete/Industrial Saws	1	8.00	81	0.73
Paving	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36

Paving	Plate Compactors	1	8.00	8	0.43
Paving	Rollers	1	8.00	80	0.38
Paving	Surfacing Equipment	1	8.00	263	0.30
Paving	Sweepers/Scrubbers	1	8.00	64	0.46
Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	12	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Utilties/Trenching	4	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Foundations	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	10	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1086	0.0000	0.1086	0.0119	0.0000	0.0119			0.0000			0.0000
Off-Road	0.5722	6.0172	4.8705	0.0114		0.2333	0.2333		0.2146	0.2146		1,105.4182	1,105.4182	0.3575		1,114.3561
Total	**0.5722**	**6.0172**	**4.8705**	**0.0114**	**0.1086**	**0.2333**	**0.3419**	**0.0119**	**0.2146**	**0.2265**		**1,105.4182**	**1,105.4182**	**0.3575**		**1,114.3561**

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**

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					0.0424	0.0000	0.0424	4.6200e-003	0.0000	4.6200e-003			0.0000			0.0000
Off-Road	0.1409	0.6104	6.7536	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.4182	1,105.4182	0.3575		1,114.3561
Total	**0.1409**	**0.6104**	**6.7536**	**0.0114**	**0.0424**	**0.0188**	**0.0611**	**4.6200e-003**	**0.0188**	**0.0234**	**0.0000**	**1,105.4182**	**1,105.4182**	**0.3575**		**1,114.3561**

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**

3.3 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1250	0.0000	0.1250	0.0184	0.0000	0.0184			0.0000			0.0000
Off-Road	2.2753	22.6916	21.5414	0.0482		0.9334	0.9334		0.8630	0.8630		4,615.0222	4,615.0222	1.4511		4,651.3000
Total	**2.2753**	**22.6916**	**21.5414**	**0.0482**	**0.1250**	**0.9334**	**1.0583**	**0.0184**	**0.8630**	**0.8815**		**4,615.0222**	**4,615.0222**	**1.4511**		**4,651.3000**

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**

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					0.0487	0.0000	0.0487	7.1900e-003	0.0000	7.1900e-003			0.0000			0.0000
Off-Road	0.7908	3.8747	28.8955	0.0482		0.1297	0.1297		0.1297	0.1297	0.0000	4,615.0222	4,615.0222	1.4511		4,651.3000
Total	**0.7908**	**3.8747**	**28.8955**	**0.0482**	**0.0487**	**0.1297**	**0.1784**	**7.1900e-003**	**0.1297**	**0.1369**	**0.0000**	**4,615.0222**	**4,615.0222**	**1.4511**		**4,651.3000**

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**

3.4 Utilties/Trenching - 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	1.2769	11.8188	10.3405	0.0191		0.6072	0.6072		0.5825	0.5825		1,827.5675	1,827.5675	0.3382		1,836.0224
Total	**1.2769**	**11.8188**	**10.3405**	**0.0191**		**0.6072**	**0.6072**		**0.5825**	**0.5825**		**1,827.5675**	**1,827.5675**	**0.3382**		**1,836.0224**

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**

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	0.1402	0.6074	8.6439	0.0191		0.0187	0.0187		0.0187	0.0187	0.0000	1,268.8288	1,268.8288	0.1575		1,272.7659
Total	**0.1402**	**0.6074**	**8.6439**	**0.0191**		**0.0187**	**0.0187**		**0.0187**	**0.0187**	**0.0000**	**1,268.8288**	**1,268.8288**	**0.1575**		**1,272.7659**

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**

3.5 Foundations - 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	1.5257	14.0555	12.0207	0.0224		0.7205	0.7205		0.6891	0.6891		2,127.8489	2,127.8489	0.3965		2,137.7622
Total	**1.5257**	**14.0555**	**12.0207**	**0.0224**		**0.7205**	**0.7205**		**0.6891**	**0.6891**		**2,127.8489**	**2,127.8489**	**0.3965**		**2,137.7622**

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**

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	0.3091	1.6322	10.5049	0.0224		0.0566	0.0566		0.0566	0.0566	0.0000	1,569.1102	1,569.1102	0.2158		1,574.5057
Total	**0.3091**	**1.6322**	**10.5049**	**0.0224**		**0.0566**	**0.0566**		**0.0566**	**0.0566**	**0.0000**	**1,569.1102**	**1,569.1102**	**0.2158**		**1,574.5057**

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**

3.6 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3499	22.0696	19.5451	0.0442		1.0265	1.0265		0.9801	0.9801		4,223.7051	4,223.7051	0.9012		4,246.2339
Total	**2.3499**	**22.0696**	**19.5451**	**0.0442**		**1.0265**	**1.0265**		**0.9801**	**0.9801**		**4,223.7051**	**4,223.7051**	**0.9012**		**4,246.2339**

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**

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	0.4918	2.4238	18.8488	0.0442		0.0807	0.0807		0.0807	0.0807	0.0000	3,106.0444	3,106.0444	0.5397		3,119.5363
Total	**0.4918**	**2.4238**	**18.8488**	**0.0442**		**0.0807**	**0.0807**		**0.0807**	**0.0807**	**0.0000**	**3,106.0444**	**3,106.0444**	**0.5397**		**3,119.5363**

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**

3.6 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2080	20.3008	19.3889	0.0443		0.9121	0.9121		0.8705	0.8705		4,225.8629	4,225.8629	0.8944		4,248.2225
Total	**2.2080**	**20.3008**	**19.3889**	**0.0443**		**0.9121**	**0.9121**		**0.8705**	**0.8705**		**4,225.8629**	**4,225.8629**	**0.8944**		**4,248.2225**

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**

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	0.4918	2.4238	18.8488	0.0443		0.0807	0.0807		0.0807	0.0807	0.0000	3,108.2244	3,108.2244	0.5329		3,121.5474
Total	**0.4918**	**2.4238**	**18.8488**	**0.0443**		**0.0807**	**0.0807**		**0.0807**	**0.0807**	**0.0000**	**3,108.2244**	**3,108.2244**	**0.5329**		**3,121.5474**

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**

3.6 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0910	18.9186	19.2617	0.0443		0.8155	0.8155		0.7778	0.7778		4,227.9894	4,227.9894	0.8905		4,250.2510
Total	**2.0910**	**18.9186**	**19.2617**	**0.0443**		**0.8155**	**0.8155**		**0.7778**	**0.7778**		**4,227.9894**	**4,227.9894**	**0.8905**		**4,250.2510**

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**

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	0.4918	2.4238	18.8490	0.0443		0.0805	0.0805		0.0805	0.0805	0.0000	3,110.3747	3,110.3747	0.5290		3,123.5998
Total	**0.4918**	**2.4238**	**18.8490**	**0.0443**		**0.0805**	**0.0805**		**0.0805**	**0.0805**	**0.0000**	**3,110.3747**	**3,110.3747**	**0.5290**		**3,123.5998**

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**

3.7 Architectural Coating - 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	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4598	3.3974	3.8227	6.2400e-003		0.1962	0.1962		0.1906	0.1906		584.2352	584.2352	0.0789		586.2065
Total	**13.2092**	**3.3974**	**3.8227**	**6.2400e-003**		**0.1962**	**0.1962**		**0.1906**	**0.1906**		**584.2352**	**584.2352**	**0.0789**		**586.2065**

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**

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	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1319	0.7178	3.8556	6.2400e-003		0.0252	0.0252		0.0252	0.0252	0.0000	584.2352	584.2352	0.0789		586.2065
Total	**12.8813**	**0.7178**	**3.8556**	**6.2400e-003**		**0.0252**	**0.0252**		**0.0252**	**0.0252**	**0.0000**	**584.2352**	**584.2352**	**0.0789**		**586.2065**

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**

3.7 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4315	3.1615	3.8104	6.2400e-003		0.1711	0.1711		0.1664	0.1664		584.2352	584.2352	0.0769		586.1569
Total	**13.1809**	**3.1615**	**3.8104**	**6.2400e-003**		**0.1711**	**0.1711**		**0.1664**	**0.1664**		**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

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	12.7494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1319	0.7178	3.8556	6.2400e-003		0.0252	0.0252		0.0252	0.0252	0.0000	584.2352	584.2352	0.0769		586.1569
Total	**12.8813**	**0.7178**	**3.8556**	**6.2400e-003**		**0.0252**	**0.0252**		**0.0252**	**0.0252**	**0.0000**	**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

3.8 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.6387	16.3436	16.3899	0.0341		0.7301	0.7301		0.6827	0.6827		3,272.5221	3,272.5221	0.8884		3,294.7309
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6387**	**16.3436**	**16.3899**	**0.0341**		**0.7301**	**0.7301**		**0.6827**	**0.6827**		**3,272.5221**	**3,272.5221**	**0.8884**		**3,294.7309**

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**

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	0.4699	3.2662	20.6744	0.0341		0.0629	0.0629		0.0629	0.0629	0.0000	3,272.5221	3,272.5221	0.8884		3,294.7309
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4699**	**3.2662**	**20.6744**	**0.0341**		**0.0629**	**0.0629**		**0.0629**	**0.0629**	**0.0000**	**3,272.5221**	**3,272.5221**	**0.8884**		**3,294.7309**

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**

Hollywood Center-East-Pumps

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Condo/Townhouse High Rise	423.00	Dwelling Unit	0.95	575,100.00	1210

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)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see construction assumptions

Construction Phase - see construction assumptions

Off-road Equipment - see construction assumptions

Trips and VMT - see construction assumptions

Construction Off-road Equipment Mitigation - see construction assumptions

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	100.00	1.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	PhaseEndDate	6/9/2021	11/16/2021
tblConstructionPhase	PhaseStartDate	1/21/2021	11/16/2021
tblLandUse	LandUseSquareFeet	423,000.00	575,100.00
tblLandUse	LotAcreage	6.61	0.95
tblOffRoadEquipment	OffRoadEquipmentType		Pumps
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblTripsAndVMT	VendorTripNumber	45.00	0.00
tblTripsAndVMT	WorkerTripNumber	305.00	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					
2021	1.0462	8.8275	10.2867	0.0181	0.0000	0.4884	0.4884	0.0000	0.4884	0.4884	0.0000	1,713.3481	1,713.3481	0.0935	0.0000	1,715.6846
Maximum	**1.0462**	**8.8275**	**10.2867**	**0.0181**	**0.0000**	**0.4884**	**0.4884**	**0.0000**	**0.4884**	**0.4884**	**0.0000**	**1,713.3481**	**1,713.3481**	**0.0935**	**0.0000**	**1,715.6846**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	0.1809	0.7839	11.1550	0.0181	0.0000	0.0241	0.0241	0.0000	0.0241	0.0241	0.0000	1,713.3481	1,713.3481	0.0935	0.0000	1,715.6846
Maximum	**0.1809**	**0.7839**	**11.1550**	**0.0181**	**0.0000**	**0.0241**	**0.0241**	**0.0000**	**0.0241**	**0.0241**	**0.0000**	**1,713.3481**	**1,713.3481**	**0.0935**	**0.0000**	**1,715.6846**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**82.71**	**91.12**	**-8.44**	**0.00**	**0.00**	**95.06**	**95.06**	**0.00**	**95.06**	**95.06**	**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	Foundations	Building Construction	11/16/2021	11/16/2021	6	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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
Foundations	Pumps	2	11.00	84	0.74

Foundations	Cranes	0	4.00	231	0.29
Foundations	Forklifts	0	6.00	89	0.20
Foundations	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Foundations	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Foundations - 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	1.0462	8.8275	10.2867	0.0181		0.4884	0.4884		0.4884	0.4884		1,713.3481	1,713.3481	0.0935		1,715.6846
Total	**1.0462**	**8.8275**	**10.2867**	**0.0181**		**0.4884**	**0.4884**		**0.4884**	**0.4884**		**1,713.3481**	**1,713.3481**	**0.0935**		**1,715.6846**

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**

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	0.1809	0.7839	11.1550	0.0181		0.0241	0.0241		0.0241	0.0241	0.0000	1,713.3481	1,713.3481	0.0935		1,715.6846
Total	**0.1809**	**0.7839**	**11.1550**	**0.0181**		**0.0241**	**0.0241**		**0.0241**	**0.0241**	**0.0000**	**1,713.3481**	**1,713.3481**	**0.0935**		**1,715.6846**

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**

Hollywood Center-East-Pumps

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Condo/Townhouse High Rise	423.00	Dwelling Unit	0.95	575,100.00	1210

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)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see construction assumptions

Construction Phase - see construction assumptions

Off-road Equipment - see construction assumptions

Trips and VMT - see construction assumptions

Construction Off-road Equipment Mitigation - see construction assumptions

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	100.00	1.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	PhaseEndDate	6/9/2021	11/16/2021
tblConstructionPhase	PhaseStartDate	1/21/2021	11/16/2021
tblLandUse	LandUseSquareFeet	423,000.00	575,100.00
tblLandUse	LotAcreage	6.61	0.95
tblOffRoadEquipment	OffRoadEquipmentType		Pumps
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblTripsAndVMT	VendorTripNumber	45.00	0.00
tblTripsAndVMT	WorkerTripNumber	305.00	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					
2021	1.0462	8.8275	10.2867	0.0181	0.0000	0.4884	0.4884	0.0000	0.4884	0.4884	0.0000	1,713.3481	1,713.3481	0.0935	0.0000	1,715.6846
Maximum	**1.0462**	**8.8275**	**10.2867**	**0.0181**	**0.0000**	**0.4884**	**0.4884**	**0.0000**	**0.4884**	**0.4884**	**0.0000**	**1,713.3481**	**1,713.3481**	**0.0935**	**0.0000**	**1,715.6846**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	0.1809	0.7839	11.1550	0.0181	0.0000	0.0241	0.0241	0.0000	0.0241	0.0241	0.0000	1,713.3481	1,713.3481	0.0935	0.0000	1,715.6846
Maximum	**0.1809**	**0.7839**	**11.1550**	**0.0181**	**0.0000**	**0.0241**	**0.0241**	**0.0000**	**0.0241**	**0.0241**	**0.0000**	**1,713.3481**	**1,713.3481**	**0.0935**	**0.0000**	**1,715.6846**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**82.71**	**91.12**	**-8.44**	**0.00**	**0.00**	**95.06**	**95.06**	**0.00**	**95.06**	**95.06**	**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	Foundations	Building Construction	11/16/2021	11/16/2021	6	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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
Foundations	Pumps	2	11.00	84	0.74

Foundations	Cranes	0	4.00	231	0.29
Foundations	Forklifts	0	6.00	89	0.20
Foundations	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Foundations	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Foundations - 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	1.0462	8.8275	10.2867	0.0181		0.4884	0.4884		0.4884	0.4884		1,713.3481	1,713.3481	0.0935		1,715.6846
Total	**1.0462**	**8.8275**	**10.2867**	**0.0181**		**0.4884**	**0.4884**		**0.4884**	**0.4884**		**1,713.3481**	**1,713.3481**	**0.0935**		**1,715.6846**

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**

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	0.1809	0.7839	11.1550	0.0181		0.0241	0.0241		0.0241	0.0241	0.0000	1,713.3481	1,713.3481	0.0935		1,715.6846
Total	**0.1809**	**0.7839**	**11.1550**	**0.0181**		**0.0241**	**0.0241**		**0.0241**	**0.0241**	**0.0000**	**1,713.3481**	**1,713.3481**	**0.0935**		**1,715.6846**

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**

Hollywood Center-Construction-West

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	41.60	1000sqft	0.10	41,600.00	0
Enclosed Parking with Elevator	837.00	Space	0.50	432,956.00	0
Other Non-Asphalt Surfaces	22.45	1000sqft	0.10	22,450.00	0
User Defined Parking	5.16	User Defined Unit	0.22	5,163.00	0
City Park	0.79	Acre	0.10	34,205.00	0
Fast Food Restaurant w/o Drive Thru	1.98	1000sqft	0.10	1,983.00	0
High Turnover (Sit Down Restaurant)	11.24	1000sqft	0.10	11,237.00	0
Apartments Mid Rise	68.00	Dwelling Unit	0.20	67,705.00	194
Condo/Townhouse High Rise	449.00	Dwelling Unit	0.50	581,464.00	1284

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see construction assumptions

Construction Phase - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment -

Trips and VMT - construction mobile emissions calculated outside of CalEEMod

Demolition -

Grading - see construction assumptions

Architectural Coating - see construction assumptions

Construction Off-road Equipment Mitigation - see construction assumptions

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	27,410.00	55,738.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	82,230.00	167,213.00
tblArchitecturalCoating	ConstArea_Parking	27,634.00	26,287.00
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	10.00	398.00
tblConstructionPhase	NumDays	200.00	49.00
tblConstructionPhase	NumDays	200.00	639.00
tblConstructionPhase	NumDays	20.00	49.00
tblConstructionPhase	NumDays	4.00	279.00
tblConstructionPhase	NumDays	10.00	76.00
tblConstructionPhase	NumDays	2.00	24.00
tblConstructionPhase	NumDaysWeek	5.00	6.00

tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	0.00	1.92
tblGrading	AcresOfGrading	0.00	1.92
tblGrading	MaterialExported	0.00	281,370.00
tblLandUse	LandUseSquareFeet	334,800.00	432,956.00
tblLandUse	LandUseSquareFeet	0.00	5,163.00
tblLandUse	LandUseSquareFeet	34,412.40	34,205.00
tblLandUse	LandUseSquareFeet	1,980.00	1,983.00
tblLandUse	LandUseSquareFeet	11,240.00	11,237.00
tblLandUse	LandUseSquareFeet	68,000.00	67,705.00
tblLandUse	LandUseSquareFeet	449,000.00	581,464.00
tblLandUse	LotAcreage	0.96	0.10
tblLandUse	LotAcreage	7.53	0.50
tblLandUse	LotAcreage	0.52	0.10
tblLandUse	LotAcreage	0.00	0.22
tblLandUse	LotAcreage	0.79	0.10
tblLandUse	LotAcreage	0.05	0.10
tblLandUse	LotAcreage	0.26	0.10
tblLandUse	LotAcreage	1.79	0.20
tblLandUse	LotAcreage	7.02	0.50
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
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	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	HaulingTripNumber	45.00	0.00
tblTripsAndVMT	HaulingTripNumber	35,171.00	0.00
tblTripsAndVMT	VendorTripNumber	145.00	0.00
tblTripsAndVMT	VendorTripNumber	145.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	30.00	0.00
tblTripsAndVMT	WorkerTripNumber	599.00	0.00
tblTripsAndVMT	WorkerTripNumber	599.00	0.00
tblTripsAndVMT	WorkerTripNumber	120.00	0.00

tblTripsAndVMT	WorkerTripNumber	20.00	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					
2022	4.3875	39.0086	44.5316	0.0949	0.4071	1.7121	2.1192	0.0576	1.6254	1.6830	0.0000	9,072.9563	9,072.9563	2.2922	0.0000	9,130.2611
2023	15.7481	23.4623	23.1994	0.0505	0.0000	1.0832	1.0832	0.0000	1.0369	1.0369	0.0000	4,810.0981	4,810.0981	0.9713	0.0000	4,834.3795
2024	17.1684	37.1403	39.4377	0.0846	0.0000	1.6300	1.6300	0.0000	1.5446	1.5446	0.0000	8,084.2091	8,084.2091	1.8531	0.0000	8,130.5377
2025	15.4780	20.4433	22.9581	0.0505	0.0000	0.8577	0.8577	0.0000	0.8199	0.8199	0.0000	4,812.4384	4,812.4384	0.9604	0.0000	4,836.4477
Maximum	**17.1684**	**39.0086**	**44.5316**	**0.0949**	**0.4071**	**1.7121**	**2.1192**	**0.0576**	**1.6254**	**1.6830**	**0.0000**	**9,072.9563**	**9,072.9563**	**2.2922**	**0.0000**	**9,130.2611**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	1.3766	6.5589	56.8704	0.0949	0.1588	0.2151	0.3739	0.0225	0.2151	0.2376	0.0000	9,072.9563	9,072.9563	2.2922	0.0000	9,130.2611
2023	13.7324	3.1416	22.7044	0.0505	0.0000	0.1059	0.1059	0.0000	0.1059	0.1059	0.0000	3,692.4596	3,692.4596	0.6098	0.0000	3,707.7043
2024	14.2022	6.4078	43.3791	0.0846	0.0000	0.1685	0.1685	0.0000	0.1685	0.1685	0.0000	6,966.5944	6,966.5944	1.4917	0.0000	7,003.8865
2025	13.7324	3.1416	22.7044	0.0505	0.0000	0.1056	0.1056	0.0000	0.1056	0.1056	0.0000	3,694.7859	3,694.7859	0.5989	0.0000	3,709.7585
Maximum	**14.2022**	**6.5589**	**56.8704**	**0.0949**	**0.1588**	**0.2151**	**0.3739**	**0.0225**	**0.2151**	**0.2376**	**0.0000**	**9,072.9563**	**9,072.9563**	**2.2922**	**0.0000**	**9,130.2611**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**18.45**	**83.97**	**-11.94**	**0.00**	**61.00**	**88.74**	**86.75**	**61.02**	**88.16**	**87.85**	**0.00**	**12.52**	**12.52**	**17.84**	**0.00**	**12.55**

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	1/1/2022	2/26/2022	6	49	
2	Utilities/Trenching	Trenching	1/12/2022	2/1/2022	6	18	
3	Site Preparation	Site Preparation	1/29/2022	2/25/2022	6	24	
4	Grading	Grading	2/9/2022	12/30/2022	6	279	
5	Foundations	Building Construction	12/31/2022	2/26/2023	6	49	
6	Building Construction	Building Construction	2/27/2023	3/12/2025	6	639	
7	Architectural Coating	Architectural Coating	10/23/2023	1/28/2025	6	398	
8	Paving	Paving	7/3/2024	9/29/2024	6	76	

Acres of Grading (Site Preparation Phase): 1.92

Acres of Grading (Grading Phase): 1.92

Acres of Paving: 0.82

Residential Indoor: 1,314,567; Residential Outdoor: 438,189; Non-Residential Indoor: 167,213; Non-Residential Outdoor: 55,738; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Air Compressors	1	8.00	78	0.48
Demolition	Concrete/Industrial Saws	2	8.00	81	0.73
Demolition	Dumpers/Tenders	1	8.00	16	0.38
Demolition	Excavators	1	8.00	158	0.38
Demolition	Generator Sets	1	8.00	84	0.74
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Demolition	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Utilities/Trenching	Air Compressors	1	8.00	78	0.48
Utilities/Trenching	Concrete/Industrial Saws	1	8.00	81	0.73
Utilities/Trenching	Cranes	1	8.00	231	0.29
Utilities/Trenching	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Graders	0	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	0	7.00	247	0.40
Site Preparation	Rubber Tired Loaders	1	8.00	203	0.36
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	221	0.50
Grading	Dumpers/Tenders	2	8.00	16	0.38
Grading	Excavators	4	8.00	158	0.38
Grading	Graders	0	6.00	187	0.41
Grading	Plate Compactors	2	8.00	8	0.43
Grading	Rubber Tired Dozers	0	6.00	247	0.40
Grading	Rubber Tired Loaders	2	8.00	203	0.36
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Air Compressors	1	8.00	78	0.48
Foundations	Cranes	1	8.00	231	0.29
Foundations	Dumpers/Tenders	2	8.00	16	0.38
Foundations	Forklifts	1	8.00	89	0.20
Foundations	Generator Sets	1	8.00	84	0.74
Foundations	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Welders	0	8.00	46	0.45
Building Construction	Air Compressors	1	8.00	78	0.48
Building Construction	Bore/Drill Rigs	1	8.00	221	0.50
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Dumpers/Tenders	2	8.00	16	0.38
Building Construction	Forklifts	1	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74

Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48
Architectural Coating	Dumpers/Tenders	1	8.00	16	0.38
Architectural Coating	Forklifts	1	8.00	89	0.20
Paving	Cement and Mortar Mixers	0	6.00	9	0.56
Paving	Concrete/Industrial Saws	1	8.00	81	0.73
Paving	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Plate Compactors	1	8.00	8	0.43
Paving	Rollers	1	8.00	80	0.38
Paving	Surfacing Equipment	1	8.00	263	0.30
Paving	Sweepers/Scrubbers	1	8.00	64	0.46
Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Utilities/Trenching	4	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	12	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Foundations	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	10	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2009	0.0000	0.2009	0.0304	0.0000	0.0304			0.0000			0.0000
Off-Road	1.8854	15.6750	18.4606	0.0352		0.7610	0.7610		0.7460	0.7460		3,350.2478	3,350.2478	0.4828		3,362.3186
Total	**1.8854**	**15.6750**	**18.4606**	**0.0352**	**0.2009**	**0.7610**	**0.9619**	**0.0304**	**0.7460**	**0.7764**		**3,350.2478**	**3,350.2478**	**0.4828**		**3,362.3186**

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**

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					0.0784	0.0000	0.0784	0.0119	0.0000	0.0119			0.0000			0.0000
Off-Road	0.4449	2.0740	21.2213	0.0352		0.0669	0.0669		0.0669	0.0669	0.0000	3,350.2478	3,350.2478	0.4828		3,362.3186
Total	**0.4449**	**2.0740**	**21.2213**	**0.0352**	**0.0784**	**0.0669**	**0.1452**	**0.0119**	**0.0669**	**0.0788**	**0.0000**	**3,350.2478**	**3,350.2478**	**0.4828**		**3,362.3186**

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**

3.3 Utilities/Trenching - 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	1.1681	10.5391	10.2131	0.0191		0.5230	0.5230		0.5019	0.5019		1,827.9980	1,827.9980	0.3349		1,836.3711
Total	**1.1681**	**10.5391**	**10.2131**	**0.0191**		**0.5230**	**0.5230**		**0.5019**	**0.5019**		**1,827.9980**	**1,827.9980**	**0.3349**		**1,836.3711**

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**

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	0.1402	0.6074	8.6439	0.0191		0.0187	0.0187		0.0187	0.0187	0.0000	1,269.1677	1,269.1677	0.1542		1,273.0224
Total	**0.1402**	**0.6074**	**8.6439**	**0.0191**		**0.0187**	**0.0187**		**0.0187**	**0.0187**	**0.0000**	**1,269.1677**	**1,269.1677**	**0.1542**		**1,273.0224**

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**

3.4 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0848	0.0000	0.0848	9.1600e-003	0.0000	9.1600e-003			0.0000			0.0000
Off-Road	0.4938	4.8020	4.7864	0.0114		0.1874	0.1874		0.1724	0.1724		1,105.6796	1,105.6796	0.3576		1,114.6196
Total	**0.4938**	**4.8020**	**4.7864**	**0.0114**	**0.0848**	**0.1874**	**0.2722**	**9.1600e-003**	**0.1724**	**0.1816**		**1,105.6796**	**1,105.6796**	**0.3576**		**1,114.6196**

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**

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					0.0331	0.0000	0.0331	3.5700e-003	0.0000	3.5700e-003			0.0000			0.0000
Off-Road	0.1409	0.6104	6.7536	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.6796	1,105.6796	0.3576		1,114.6196
Total	**0.1409**	**0.6104**	**6.7536**	**0.0114**	**0.0331**	**0.0188**	**0.0519**	**3.5700e-003**	**0.0188**	**0.0224**	**0.0000**	**1,105.6796**	**1,105.6796**	**0.3576**		**1,114.6196**

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**

3.5 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1214	0.0000	0.1214	0.0181	0.0000	0.0181			0.0000			0.0000
Off-Road	2.0084	18.5316	21.2847	0.0482		0.7637	0.7637		0.7070	0.7070		4,617.0289	4,617.0289	1.4518		4,653.3229
Total	**2.0084**	**18.5316**	**21.2847**	**0.0482**	**0.1214**	**0.7637**	**0.8851**	**0.0181**	**0.7070**	**0.7251**		**4,617.0289**	**4,617.0289**	**1.4518**		**4,653.3229**

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**

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					0.0473	0.0000	0.0473	7.0400e-003	0.0000	7.0400e-003			0.0000			0.0000
Off-Road	0.7908	3.8745	28.8955	0.0482		0.1294	0.1294		0.1294	0.1294	0.0000	4,617.0289	4,617.0289	1.4518		4,653.3229
Total	**0.7908**	**3.8745**	**28.8955**	**0.0482**	**0.0473**	**0.1294**	**0.1768**	**7.0400e-003**	**0.1294**	**0.1365**	**0.0000**	**4,617.0289**	**4,617.0289**	**1.4518**		**4,653.3229**

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**

3.6 Foundations - 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	1.4009	12.6501	11.8797	0.0225		0.6243	0.6243		0.5976	0.5976		2,128.2794	2,128.2794	0.3932		2,138.1083
Total	**1.4009**	**12.6501**	**11.8797**	**0.0225**		**0.6243**	**0.6243**		**0.5976**	**0.5976**		**2,128.2794**	**2,128.2794**	**0.3932**		**2,138.1083**

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**

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	0.3091	1.6320	10.5049	0.0225		0.0564	0.0564		0.0564	0.0564	0.0000	1,569.4491	1,569.4491	0.2124		1,574.7595
Total	**0.3091**	**1.6320**	**10.5049**	**0.0225**		**0.0564**	**0.0564**		**0.0564**	**0.0564**	**0.0000**	**1,569.4491**	**1,569.4491**	**0.2124**		**1,574.7595**

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**

3.6 Foundations - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3136	11.6928	11.7964	0.0225		0.5519	0.5519		0.5283	0.5283		2,128.6058	2,128.6058	0.3891		2,138.3330
Total	**1.3136**	**11.6928**	**11.7964**	**0.0225**		**0.5519**	**0.5519**		**0.5283**	**0.5283**		**2,128.6058**	**2,128.6058**	**0.3891**		**2,138.3330**

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**

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	0.3091	1.6320	10.5049	0.0225		0.0564	0.0564		0.0564	0.0564	0.0000	1,569.7866	1,569.7866	0.2084		1,574.9954
Total	**0.3091**	**1.6320**	**10.5049**	**0.0225**		**0.0564**	**0.0564**		**0.0564**	**0.0564**	**0.0000**	**1,569.7866**	**1,569.7866**	**0.2084**		**1,574.9954**

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**

3.7 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2080	20.3008	19.3889	0.0443		0.9121	0.9121		0.8705	0.8705		4,225.8629	4,225.8629	0.8944		4,248.2225
Total	**2.2080**	**20.3008**	**19.3889**	**0.0443**		**0.9121**	**0.9121**		**0.8705**	**0.8705**		**4,225.8629**	**4,225.8629**	**0.8944**		**4,248.2225**

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**

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	0.4918	2.4238	18.8488	0.0443		0.0807	0.0807		0.0807	0.0807	0.0000	3,108.2244	3,108.2244	0.5329		3,121.5474
Total	**0.4918**	**2.4238**	**18.8488**	**0.0443**		**0.0807**	**0.0807**		**0.0807**	**0.0807**	**0.0000**	**3,108.2244**	**3,108.2244**	**0.5329**		**3,121.5474**

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**

3.7 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0910	18.9186	19.2617	0.0443		0.8155	0.8155		0.7778	0.7778		4,227.9894	4,227.9894	0.8905		4,250.2510
Total	**2.0910**	**18.9186**	**19.2617**	**0.0443**		**0.8155**	**0.8155**		**0.7778**	**0.7778**		**4,227.9894**	**4,227.9894**	**0.8905**		**4,250.2510**

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**

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	0.4918	2.4238	18.8490	0.0443		0.0805	0.0805		0.0805	0.0805	0.0000	3,110.3747	3,110.3747	0.5290		3,123.5998
Total	**0.4918**	**2.4238**	**18.8490**	**0.0443**		**0.0805**	**0.0805**		**0.0805**	**0.0805**	**0.0000**	**3,110.3747**	**3,110.3747**	**0.5290**		**3,123.5998**

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**

3.7 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9812	17.6329	19.1613	0.0443		0.7279	0.7279		0.6936	0.6936		4,228.2032	4,228.2032	0.8855		4,250.3403
Total	**1.9812**	**17.6329**	**19.1613**	**0.0443**		**0.7279**	**0.7279**		**0.6936**	**0.6936**		**4,228.2032**	**4,228.2032**	**0.8855**		**4,250.3403**

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**

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	0.4918	2.4238	18.8488	0.0443		0.0805	0.0805		0.0805	0.0805	0.0000	3,110.5507	3,110.5507	0.5240		3,123.6511
Total	**0.4918**	**2.4238**	**18.8488**	**0.0443**		**0.0805**	**0.0805**		**0.0805**	**0.0805**	**0.0000**	**3,110.5507**	**3,110.5507**	**0.5240**		**3,123.6511**

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**

3.8 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4315	3.1615	3.8104	6.2400e-003		0.1711	0.1711		0.1664	0.1664		584.2352	584.2352	0.0769		586.1569
Total	**13.5402**	**3.1615**	**3.8104**	**6.2400e-003**		**0.1711**	**0.1711**		**0.1664**	**0.1664**		**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

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	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1319	0.7178	3.8556	6.2400e-003		0.0252	0.0252		0.0252	0.0252	0.0000	584.2352	584.2352	0.0769		586.1569
Total	**13.2405**	**0.7178**	**3.8556**	**6.2400e-003**		**0.0252**	**0.0252**		**0.0252**	**0.0252**	**0.0000**	**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

3.8 Architectural Coating - 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					
Archit. Coating	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4087	2.9731	3.8037	6.2400e-003		0.1495	0.1495		0.1454	0.1454		584.2352	584.2352	0.0756		586.1239
Total	**13.5173**	**2.9731**	**3.8037**	**6.2400e-003**		**0.1495**	**0.1495**		**0.1454**	**0.1454**		**584.2352**	**584.2352**	**0.0756**		**586.1239**

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**

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	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1319	0.7178	3.8557	6.2400e-003		0.0251	0.0251		0.0251	0.0251	0.0000	584.2352	584.2352	0.0756		586.1239
Total	**13.2405**	**0.7178**	**3.8557**	**6.2400e-003**		**0.0251**	**0.0251**		**0.0251**	**0.0251**	**0.0000**	**584.2352**	**584.2352**	**0.0756**		**586.1239**

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**

3.8 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3882	2.8104	3.7968	6.2400e-003		0.1298	0.1298		0.1263	0.1263		584.2352	584.2352	0.0749		586.1074
Total	**13.4968**	**2.8104**	**3.7968**	**6.2400e-003**		**0.1298**	**0.1298**		**0.1263**	**0.1263**		**584.2352**	**584.2352**	**0.0749**		**586.1074**

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**

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	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1319	0.7178	3.8556	6.2400e-003		0.0251	0.0251		0.0251	0.0251	0.0000	584.2352	584.2352	0.0749		586.1074
Total	**13.2405**	**0.7178**	**3.8556**	**6.2400e-003**		**0.0251**	**0.0251**		**0.0251**	**0.0251**	**0.0000**	**584.2352**	**584.2352**	**0.0749**		**586.1074**

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**

3.9 Paving - 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	1.5602	15.2487	16.3722	0.0341		0.6650	0.6650		0.6214	0.6214		3,271.9845	3,271.9845	0.8871		3,294.1628
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5602**	**15.2487**	**16.3722**	**0.0341**		**0.6650**	**0.6650**		**0.6214**	**0.6214**		**3,271.9845**	**3,271.9845**	**0.8871**		**3,294.1628**

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	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**

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	0.4699	3.2662	20.6744	0.0341		0.0629	0.0629		0.0629	0.0629	0.0000	3,271.9845	3,271.9845	0.8871		3,294.1628
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4699**	**3.2662**	**20.6744**	**0.0341**		**0.0629**	**0.0629**		**0.0629**	**0.0629**	**0.0000**	**3,271.9845**	**3,271.9845**	**0.8871**		**3,294.1628**

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**

Hollywood Center-Construction-West

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	41.60	1000sqft	0.10	41,600.00	0
Enclosed Parking with Elevator	837.00	Space	0.50	432,956.00	0
Other Non-Asphalt Surfaces	22.45	1000sqft	0.10	22,450.00	0
User Defined Parking	5.16	User Defined Unit	0.22	5,163.00	0
City Park	0.79	Acre	0.10	34,205.00	0
Fast Food Restaurant w/o Drive Thru	1.98	1000sqft	0.10	1,983.00	0
High Turnover (Sit Down Restaurant)	11.24	1000sqft	0.10	11,237.00	0
Apartments Mid Rise	68.00	Dwelling Unit	0.20	67,705.00	194
Condo/Townhouse High Rise	449.00	Dwelling Unit	0.50	581,464.00	1284

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see construction assumptions

Construction Phase - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment -

Trips and VMT - construction mobile emissions calculated outside of CalEEMod

Demolition -

Grading - see construction assumptions

Architectural Coating - see construction assumptions

Construction Off-road Equipment Mitigation - see construction assumptions

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	27,410.00	55,738.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	82,230.00	167,213.00
tblArchitecturalCoating	ConstArea_Parking	27,634.00	26,287.00
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
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tblConstructionPhase	NumDays	20.00	49.00
tblConstructionPhase	NumDays	4.00	279.00
tblConstructionPhase	NumDays	10.00	76.00
tblConstructionPhase	NumDays	2.00	24.00
tblConstructionPhase	NumDaysWeek	5.00	6.00

tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	0.00	1.92
tblGrading	AcresOfGrading	0.00	1.92
tblGrading	MaterialExported	0.00	281,370.00
tblLandUse	LandUseSquareFeet	334,800.00	432,956.00
tblLandUse	LandUseSquareFeet	0.00	5,163.00
tblLandUse	LandUseSquareFeet	34,412.40	34,205.00
tblLandUse	LandUseSquareFeet	1,980.00	1,983.00
tblLandUse	LandUseSquareFeet	11,240.00	11,237.00
tblLandUse	LandUseSquareFeet	68,000.00	67,705.00
tblLandUse	LandUseSquareFeet	449,000.00	581,464.00
tblLandUse	LotAcreage	0.96	0.10
tblLandUse	LotAcreage	7.53	0.50
tblLandUse	LotAcreage	0.52	0.10
tblLandUse	LotAcreage	0.00	0.22
tblLandUse	LotAcreage	0.79	0.10
tblLandUse	LotAcreage	0.05	0.10
tblLandUse	LotAcreage	0.26	0.10
tblLandUse	LotAcreage	1.79	0.20
tblLandUse	LotAcreage	7.02	0.50
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
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tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	HaulingTripNumber	45.00	0.00
tblTripsAndVMT	HaulingTripNumber	35,171.00	0.00
tblTripsAndVMT	VendorTripNumber	145.00	0.00
tblTripsAndVMT	VendorTripNumber	145.00	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblTripsAndVMT	WorkerTripNumber	30.00	0.00
tblTripsAndVMT	WorkerTripNumber	599.00	0.00
tblTripsAndVMT	WorkerTripNumber	599.00	0.00
tblTripsAndVMT	WorkerTripNumber	120.00	0.00

tblTripsAndVMT	WorkerTripNumber	20.00	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					
2022	4.3875	39.0086	44.5316	0.0949	0.4071	1.7121	2.1192	0.0576	1.6254	1.6830	0.0000	9,072.9563	9,072.9563	2.2922	0.0000	9,130.2611
2023	15.7481	23.4623	23.1994	0.0505	0.0000	1.0832	1.0832	0.0000	1.0369	1.0369	0.0000	4,810.0981	4,810.0981	0.9713	0.0000	4,834.3795
2024	17.1684	37.1403	39.4377	0.0846	0.0000	1.6300	1.6300	0.0000	1.5446	1.5446	0.0000	8,084.2091	8,084.2091	1.8531	0.0000	8,130.5377
2025	15.4780	20.4433	22.9581	0.0505	0.0000	0.8577	0.8577	0.0000	0.8199	0.8199	0.0000	4,812.4384	4,812.4384	0.9604	0.0000	4,836.4477
Maximum	**17.1684**	**39.0086**	**44.5316**	**0.0949**	**0.4071**	**1.7121**	**2.1192**	**0.0576**	**1.6254**	**1.6830**	**0.0000**	**9,072.9563**	**9,072.9563**	**2.2922**	**0.0000**	**9,130.2611**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	1.3766	6.5589	56.8704	0.0949	0.1588	0.2151	0.3739	0.0225	0.2151	0.2376	0.0000	9,072.9563	9,072.9563	2.2922	0.0000	9,130.2611
2023	13.7324	3.1416	22.7044	0.0505	0.0000	0.1059	0.1059	0.0000	0.1059	0.1059	0.0000	3,692.4596	3,692.4596	0.6098	0.0000	3,707.7043
2024	14.2022	6.4078	43.3791	0.0846	0.0000	0.1685	0.1685	0.0000	0.1685	0.1685	0.0000	6,966.5944	6,966.5944	1.4917	0.0000	7,003.8865
2025	13.7324	3.1416	22.7044	0.0505	0.0000	0.1056	0.1056	0.0000	0.1056	0.1056	0.0000	3,694.7859	3,694.7859	0.5989	0.0000	3,709.7585
Maximum	**14.2022**	**6.5589**	**56.8704**	**0.0949**	**0.1588**	**0.2151**	**0.3739**	**0.0225**	**0.2151**	**0.2376**	**0.0000**	**9,072.9563**	**9,072.9563**	**2.2922**	**0.0000**	**9,130.2611**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**18.45**	**83.97**	**-11.94**	**0.00**	**61.00**	**88.74**	**86.75**	**61.02**	**88.16**	**87.85**	**0.00**	**12.52**	**12.52**	**17.84**	**0.00**	**12.55**

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	1/1/2022	2/26/2022	6	49	
2	Utilities/Trenching	Trenching	1/12/2022	2/1/2022	6	18	
3	Site Preparation	Site Preparation	1/29/2022	2/25/2022	6	24	
4	Grading	Grading	2/9/2022	12/30/2022	6	279	
5	Foundations	Building Construction	12/31/2022	2/26/2023	6	49	
6	Building Construction	Building Construction	2/27/2023	3/12/2025	6	639	
7	Architectural Coating	Architectural Coating	10/23/2023	1/28/2025	6	398	
8	Paving	Paving	7/3/2024	9/29/2024	6	76	

Acres of Grading (Site Preparation Phase): 1.92

Acres of Grading (Grading Phase): 1.92

Acres of Paving: 0.82

Residential Indoor: 1,314,567; Residential Outdoor: 438,189; Non-Residential Indoor: 167,213; Non-Residential Outdoor: 55,738; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Air Compressors	1	8.00	78	0.48
Demolition	Concrete/Industrial Saws	2	8.00	81	0.73
Demolition	Dumpers/Tenders	1	8.00	16	0.38
Demolition	Excavators	1	8.00	158	0.38
Demolition	Generator Sets	1	8.00	84	0.74
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Demolition	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Utilities/Trenching	Air Compressors	1	8.00	78	0.48
Utilities/Trenching	Concrete/Industrial Saws	1	8.00	81	0.73
Utilities/Trenching	Cranes	1	8.00	231	0.29
Utilities/Trenching	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Excavators	1	8.00	158	0.38
Site Preparation	Graders	0	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	0	7.00	247	0.40
Site Preparation	Rubber Tired Loaders	1	8.00	203	0.36
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Bore/Drill Rigs	1	8.00	221	0.50
Grading	Dumpers/Tenders	2	8.00	16	0.38
Grading	Excavators	4	8.00	158	0.38
Grading	Graders	0	6.00	187	0.41
Grading	Plate Compactors	2	8.00	8	0.43
Grading	Rubber Tired Dozers	0	6.00	247	0.40
Grading	Rubber Tired Loaders	2	8.00	203	0.36
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Air Compressors	1	8.00	78	0.48
Foundations	Cranes	1	8.00	231	0.29
Foundations	Dumpers/Tenders	2	8.00	16	0.38
Foundations	Forklifts	1	8.00	89	0.20
Foundations	Generator Sets	1	8.00	84	0.74
Foundations	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Foundations	Welders	0	8.00	46	0.45
Building Construction	Air Compressors	1	8.00	78	0.48
Building Construction	Bore/Drill Rigs	1	8.00	221	0.50
Building Construction	Cranes	2	8.00	231	0.29
Building Construction	Dumpers/Tenders	2	8.00	16	0.38
Building Construction	Forklifts	1	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74

Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Architectural Coating	Air Compressors	1	8.00	78	0.48
Architectural Coating	Dumpers/Tenders	1	8.00	16	0.38
Architectural Coating	Forklifts	1	8.00	89	0.20
Paving	Cement and Mortar Mixers	0	6.00	9	0.56
Paving	Concrete/Industrial Saws	1	8.00	81	0.73
Paving	Graders	1	8.00	187	0.41
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Plate Compactors	1	8.00	8	0.43
Paving	Rollers	1	8.00	80	0.38
Paving	Surfacing Equipment	1	8.00	263	0.30
Paving	Sweepers/Scrubbers	1	8.00	64	0.46
Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Utilities/Trenching	4	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	12	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Foundations	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	10	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	3	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2009	0.0000	0.2009	0.0304	0.0000	0.0304			0.0000			0.0000
Off-Road	1.8854	15.6750	18.4606	0.0352		0.7610	0.7610		0.7460	0.7460		3,350.2478	3,350.2478	0.4828		3,362.3186
Total	**1.8854**	**15.6750**	**18.4606**	**0.0352**	**0.2009**	**0.7610**	**0.9619**	**0.0304**	**0.7460**	**0.7764**		**3,350.2478**	**3,350.2478**	**0.4828**		**3,362.3186**

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**

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					0.0784	0.0000	0.0784	0.0119	0.0000	0.0119			0.0000			0.0000
Off-Road	0.4449	2.0740	21.2213	0.0352		0.0669	0.0669		0.0669	0.0669	0.0000	3,350.2478	3,350.2478	0.4828		3,362.3186
Total	**0.4449**	**2.0740**	**21.2213**	**0.0352**	**0.0784**	**0.0669**	**0.1452**	**0.0119**	**0.0669**	**0.0788**	**0.0000**	**3,350.2478**	**3,350.2478**	**0.4828**		**3,362.3186**

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**

3.3 Utilities/Trenching - 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	1.1681	10.5391	10.2131	0.0191		0.5230	0.5230		0.5019	0.5019		1,827.9980	1,827.9980	0.3349		1,836.3711
Total	**1.1681**	**10.5391**	**10.2131**	**0.0191**		**0.5230**	**0.5230**		**0.5019**	**0.5019**		**1,827.9980**	**1,827.9980**	**0.3349**		**1,836.3711**

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**

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	0.1402	0.6074	8.6439	0.0191		0.0187	0.0187		0.0187	0.0187	0.0000	1,269.1677	1,269.1677	0.1542		1,273.0224
Total	**0.1402**	**0.6074**	**8.6439**	**0.0191**		**0.0187**	**0.0187**		**0.0187**	**0.0187**	**0.0000**	**1,269.1677**	**1,269.1677**	**0.1542**		**1,273.0224**

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**

3.4 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0848	0.0000	0.0848	9.1600e-003	0.0000	9.1600e-003			0.0000			0.0000
Off-Road	0.4938	4.8020	4.7864	0.0114		0.1874	0.1874		0.1724	0.1724		1,105.6796	1,105.6796	0.3576		1,114.6196
Total	**0.4938**	**4.8020**	**4.7864**	**0.0114**	**0.0848**	**0.1874**	**0.2722**	**9.1600e-003**	**0.1724**	**0.1816**		**1,105.6796**	**1,105.6796**	**0.3576**		**1,114.6196**

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**

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					0.0331	0.0000	0.0331	3.5700e-003	0.0000	3.5700e-003			0.0000			0.0000
Off-Road	0.1409	0.6104	6.7536	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.6796	1,105.6796	0.3576		1,114.6196
Total	**0.1409**	**0.6104**	**6.7536**	**0.0114**	**0.0331**	**0.0188**	**0.0519**	**3.5700e-003**	**0.0188**	**0.0224**	**0.0000**	**1,105.6796**	**1,105.6796**	**0.3576**		**1,114.6196**

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**

3.5 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1214	0.0000	0.1214	0.0181	0.0000	0.0181			0.0000			0.0000
Off-Road	2.0084	18.5316	21.2847	0.0482		0.7637	0.7637		0.7070	0.7070		4,617.0289	4,617.0289	1.4518		4,653.3229
Total	**2.0084**	**18.5316**	**21.2847**	**0.0482**	**0.1214**	**0.7637**	**0.8851**	**0.0181**	**0.7070**	**0.7251**		**4,617.0289**	**4,617.0289**	**1.4518**		**4,653.3229**

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**

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					0.0473	0.0000	0.0473	7.0400e-003	0.0000	7.0400e-003			0.0000			0.0000
Off-Road	0.7908	3.8745	28.8955	0.0482		0.1294	0.1294		0.1294	0.1294	0.0000	4,617.0289	4,617.0289	1.4518		4,653.3229
Total	**0.7908**	**3.8745**	**28.8955**	**0.0482**	**0.0473**	**0.1294**	**0.1768**	**7.0400e-003**	**0.1294**	**0.1365**	**0.0000**	**4,617.0289**	**4,617.0289**	**1.4518**		**4,653.3229**

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**

3.6 Foundations - 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	1.4009	12.6501	11.8797	0.0225		0.6243	0.6243		0.5976	0.5976		2,128.2794	2,128.2794	0.3932		2,138.1083
Total	**1.4009**	**12.6501**	**11.8797**	**0.0225**		**0.6243**	**0.6243**		**0.5976**	**0.5976**		**2,128.2794**	**2,128.2794**	**0.3932**		**2,138.1083**

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**

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	0.3091	1.6320	10.5049	0.0225		0.0564	0.0564		0.0564	0.0564	0.0000	1,569.4491	1,569.4491	0.2124		1,574.7595
Total	**0.3091**	**1.6320**	**10.5049**	**0.0225**		**0.0564**	**0.0564**		**0.0564**	**0.0564**	**0.0000**	**1,569.4491**	**1,569.4491**	**0.2124**		**1,574.7595**

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**

3.6 Foundations - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3136	11.6928	11.7964	0.0225		0.5519	0.5519		0.5283	0.5283		2,128.6058	2,128.6058	0.3891		2,138.3330
Total	**1.3136**	**11.6928**	**11.7964**	**0.0225**		**0.5519**	**0.5519**		**0.5283**	**0.5283**		**2,128.6058**	**2,128.6058**	**0.3891**		**2,138.3330**

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**

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	0.3091	1.6320	10.5049	0.0225		0.0564	0.0564		0.0564	0.0564	0.0000	1,569.7866	1,569.7866	0.2084		1,574.9954
Total	**0.3091**	**1.6320**	**10.5049**	**0.0225**		**0.0564**	**0.0564**		**0.0564**	**0.0564**	**0.0000**	**1,569.7866**	**1,569.7866**	**0.2084**		**1,574.9954**

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**

3.7 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2080	20.3008	19.3889	0.0443		0.9121	0.9121		0.8705	0.8705		4,225.8629	4,225.8629	0.8944		4,248.2225
Total	**2.2080**	**20.3008**	**19.3889**	**0.0443**		**0.9121**	**0.9121**		**0.8705**	**0.8705**		**4,225.8629**	**4,225.8629**	**0.8944**		**4,248.2225**

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**

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	0.4918	2.4238	18.8488	0.0443		0.0807	0.0807		0.0807	0.0807	0.0000	3,108.2244	3,108.2244	0.5329		3,121.5474
Total	**0.4918**	**2.4238**	**18.8488**	**0.0443**		**0.0807**	**0.0807**		**0.0807**	**0.0807**	**0.0000**	**3,108.2244**	**3,108.2244**	**0.5329**		**3,121.5474**

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**

3.7 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0910	18.9186	19.2617	0.0443		0.8155	0.8155		0.7778	0.7778		4,227.9894	4,227.9894	0.8905		4,250.2510
Total	**2.0910**	**18.9186**	**19.2617**	**0.0443**		**0.8155**	**0.8155**		**0.7778**	**0.7778**		**4,227.9894**	**4,227.9894**	**0.8905**		**4,250.2510**

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**

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	0.4918	2.4238	18.8490	0.0443		0.0805	0.0805		0.0805	0.0805	0.0000	3,110.3747	3,110.3747	0.5290		3,123.5998
Total	**0.4918**	**2.4238**	**18.8490**	**0.0443**		**0.0805**	**0.0805**		**0.0805**	**0.0805**	**0.0000**	**3,110.3747**	**3,110.3747**	**0.5290**		**3,123.5998**

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**

3.7 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9812	17.6329	19.1613	0.0443		0.7279	0.7279		0.6936	0.6936		4,228.2032	4,228.2032	0.8855		4,250.3403
Total	**1.9812**	**17.6329**	**19.1613**	**0.0443**		**0.7279**	**0.7279**		**0.6936**	**0.6936**		**4,228.2032**	**4,228.2032**	**0.8855**		**4,250.3403**

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**

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	0.4918	2.4238	18.8488	0.0443		0.0805	0.0805		0.0805	0.0805	0.0000	3,110.5507	3,110.5507	0.5240		3,123.6511
Total	**0.4918**	**2.4238**	**18.8488**	**0.0443**		**0.0805**	**0.0805**		**0.0805**	**0.0805**	**0.0000**	**3,110.5507**	**3,110.5507**	**0.5240**		**3,123.6511**

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**

3.8 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4315	3.1615	3.8104	6.2400e-003		0.1711	0.1711		0.1664	0.1664		584.2352	584.2352	0.0769		586.1569
Total	**13.5402**	**3.1615**	**3.8104**	**6.2400e-003**		**0.1711**	**0.1711**		**0.1664**	**0.1664**		**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

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	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1319	0.7178	3.8556	6.2400e-003		0.0252	0.0252		0.0252	0.0252	0.0000	584.2352	584.2352	0.0769		586.1569
Total	**13.2405**	**0.7178**	**3.8556**	**6.2400e-003**		**0.0252**	**0.0252**		**0.0252**	**0.0252**	**0.0000**	**584.2352**	**584.2352**	**0.0769**		**586.1569**

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**

3.8 Architectural Coating - 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					
Archit. Coating	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4087	2.9731	3.8037	6.2400e-003		0.1495	0.1495		0.1454	0.1454		584.2352	584.2352	0.0756		586.1239
Total	**13.5173**	**2.9731**	**3.8037**	**6.2400e-003**		**0.1495**	**0.1495**		**0.1454**	**0.1454**		**584.2352**	**584.2352**	**0.0756**		**586.1239**

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**

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	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1319	0.7178	3.8557	6.2400e-003		0.0251	0.0251		0.0251	0.0251	0.0000	584.2352	584.2352	0.0756		586.1239
Total	**13.2405**	**0.7178**	**3.8557**	**6.2400e-003**		**0.0251**	**0.0251**		**0.0251**	**0.0251**	**0.0000**	**584.2352**	**584.2352**	**0.0756**		**586.1239**

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**

3.8 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3882	2.8104	3.7968	6.2400e-003		0.1298	0.1298		0.1263	0.1263		584.2352	584.2352	0.0749		586.1074
Total	**13.4968**	**2.8104**	**3.7968**	**6.2400e-003**		**0.1298**	**0.1298**		**0.1263**	**0.1263**		**584.2352**	**584.2352**	**0.0749**		**586.1074**

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**

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	13.1086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1319	0.7178	3.8556	6.2400e-003		0.0251	0.0251		0.0251	0.0251	0.0000	584.2352	584.2352	0.0749		586.1074
Total	**13.2405**	**0.7178**	**3.8556**	**6.2400e-003**		**0.0251**	**0.0251**		**0.0251**	**0.0251**	**0.0000**	**584.2352**	**584.2352**	**0.0749**		**586.1074**

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**

3.9 Paving - 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	1.5602	15.2487	16.3722	0.0341		0.6650	0.6650		0.6214	0.6214		3,271.9845	3,271.9845	0.8871		3,294.1628
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5602**	**15.2487**	**16.3722**	**0.0341**		**0.6650**	**0.6650**		**0.6214**	**0.6214**		**3,271.9845**	**3,271.9845**	**0.8871**		**3,294.1628**

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	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**

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	0.4699	3.2662	20.6744	0.0341		0.0629	0.0629		0.0629	0.0629	0.0000	3,271.9845	3,271.9845	0.8871		3,294.1628
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4699**	**3.2662**	**20.6744**	**0.0341**		**0.0629**	**0.0629**		**0.0629**	**0.0629**	**0.0000**	**3,271.9845**	**3,271.9845**	**0.8871**		**3,294.1628**

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**

Hollywood Center-West-Pumps

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Condo/Townhouse High Rise	449.00	Dwelling Unit	0.50	581,464.00	1284

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see construction assumptions

Construction Phase - see construction assumptions

Off-road Equipment - see construction assumptions

Trips and VMT - see construction assumptions

Construction Off-road Equipment Mitigation - see construction assumptions

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	100.00	1.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	PhaseEndDate	5/20/2022	12/31/2022
tblConstructionPhase	PhaseStartDate	1/1/2022	12/31/2022
tblLandUse	LandUseSquareFeet	449,000.00	581,464.00
tblLandUse	LotAcreage	7.02	0.50
tblOffRoadEquipment	OffRoadEquipmentType		Pumps
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblTripsAndVMT	VendorTripNumber	48.00	0.00
tblTripsAndVMT	WorkerTripNumber	323.00	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					
2022	1.2317	10.3909	13.0615	0.0230	0.0000	0.5449	0.5449	0.0000	0.5449	0.5449	0.0000	2,180.6210	2,180.6210	0.1113	0.0000	2,183.4029
Maximum	**1.2317**	**10.3909**	**13.0615**	**0.0230**	**0.0000**	**0.5449**	**0.5449**	**0.0000**	**0.5449**	**0.5449**	**0.0000**	**2,180.6210**	**2,180.6210**	**0.1113**	**0.0000**	**2,183.4029**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	0.2302	0.9977	14.1973	0.0230	0.0000	0.0307	0.0307	0.0000	0.0307	0.0307	0.0000	2,180.6210	2,180.6210	0.1113	0.0000	2,183.4029
Maximum	**0.2302**	**0.9977**	**14.1973**	**0.0230**	**0.0000**	**0.0307**	**0.0307**	**0.0000**	**0.0307**	**0.0307**	**0.0000**	**2,180.6210**	**2,180.6210**	**0.1113**	**0.0000**	**2,183.4029**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**81.31**	**90.40**	**-8.70**	**0.00**	**0.00**	**94.37**	**94.37**	**0.00**	**94.37**	**94.37**	**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	Foundations	Building Construction	12/31/2022	12/31/2022	6	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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
Foundations	Pumps	2	14.00	84	0.74

Foundations	Cranes	0	4.00	231	0.29
Foundations	Forklifts	0	6.00	89	0.20
Foundations	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Foundations	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Foundations - 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	1.2317	10.3909	13.0615	0.0230		0.5449	0.5449		0.5449	0.5449		2,180.6210	2,180.6210	0.1113		2,183.4029
Total	**1.2317**	**10.3909**	**13.0615**	**0.0230**		**0.5449**	**0.5449**		**0.5449**	**0.5449**		**2,180.6210**	**2,180.6210**	**0.1113**		**2,183.4029**

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**

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	0.2302	0.9977	14.1973	0.0230		0.0307	0.0307		0.0307	0.0307	0.0000	2,180.6210	2,180.6210	0.1113		2,183.4029
Total	**0.2302**	**0.9977**	**14.1973**	**0.0230**		**0.0307**	**0.0307**		**0.0307**	**0.0307**	**0.0000**	**2,180.6210**	**2,180.6210**	**0.1113**		**2,183.4029**

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**

Hollywood Center-West-Pumps

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Condo/Townhouse High Rise	449.00	Dwelling Unit	0.50	581,464.00	1284

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - see construction assumptions

Construction Phase - see construction assumptions

Off-road Equipment - see construction assumptions

Trips and VMT - see construction assumptions

Construction Off-road Equipment Mitigation - see construction assumptions

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	100.00	1.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	PhaseEndDate	5/20/2022	12/31/2022
tblConstructionPhase	PhaseStartDate	1/1/2022	12/31/2022
tblLandUse	LandUseSquareFeet	449,000.00	581,464.00
tblLandUse	LotAcreage	7.02	0.50
tblOffRoadEquipment	OffRoadEquipmentType		Pumps
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblTripsAndVMT	VendorTripNumber	48.00	0.00
tblTripsAndVMT	WorkerTripNumber	323.00	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					
2022	1.2317	10.3909	13.0615	0.0230	0.0000	0.5449	0.5449	0.0000	0.5449	0.5449	0.0000	2,180.6210	2,180.6210	0.1113	0.0000	2,183.4029
Maximum	**1.2317**	**10.3909**	**13.0615**	**0.0230**	**0.0000**	**0.5449**	**0.5449**	**0.0000**	**0.5449**	**0.5449**	**0.0000**	**2,180.6210**	**2,180.6210**	**0.1113**	**0.0000**	**2,183.4029**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	0.2302	0.9977	14.1973	0.0230	0.0000	0.0307	0.0307	0.0000	0.0307	0.0307	0.0000	2,180.6210	2,180.6210	0.1113	0.0000	2,183.4029
Maximum	**0.2302**	**0.9977**	**14.1973**	**0.0230**	**0.0000**	**0.0307**	**0.0307**	**0.0000**	**0.0307**	**0.0307**	**0.0000**	**2,180.6210**	**2,180.6210**	**0.1113**	**0.0000**	**2,183.4029**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**81.31**	**90.40**	**-8.70**	**0.00**	**0.00**	**94.37**	**94.37**	**0.00**	**94.37**	**94.37**	**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	Foundations	Building Construction	12/31/2022	12/31/2022	6	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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
Foundations	Pumps	2	14.00	84	0.74
Foundations	Cranes	0	4.00	231	0.29

Foundations	Forklifts	0	6.00	89	0.20
Foundations	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Foundations	2	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Foundations - 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	1.2317	10.3909	13.0615	0.0230		0.5449	0.5449		0.5449	0.5449		2,180.6210	2,180.6210	0.1113		2,183.4029
Total	**1.2317**	**10.3909**	**13.0615**	**0.0230**		**0.5449**	**0.5449**		**0.5449**	**0.5449**		**2,180.6210**	**2,180.6210**	**0.1113**		**2,183.4029**

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**

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	0.2302	0.9977	14.1973	0.0230		0.0307	0.0307		0.0307	0.0307	0.0000	2,180.6210	2,180.6210	0.1113		2,183.4029
Total	**0.2302**	**0.9977**	**14.1973**	**0.0230**		**0.0307**	**0.0307**		**0.0307**	**0.0307**	**0.0000**	**2,180.6210**	**2,180.6210**	**0.1113**		**2,183.4029**

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**

Hollywood Center Project

1. Air Quality Worksheets

Air Quality Calculation Worksheets and Model Outputs

1. Emissions Modeling Outputs

b) Operations

(1) Unmitigated

(2) Mitigated

Hollywood Center
Air Quality Assessment
West Site First Scenario

Maximum Unmitigated Regional Emissions For West Site Buildout and Concurrent East Site Construction in 2024 (pounds per day)

Source	VOC	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$
Area (Consumer Products, Landscaping)	17.5	0.5	42.7	0.002	0.2	0.2
Energy (Natural Gas)	0.2	2.0	1.2	0.013	0.2	0.2
Motor Vehicles	3.3	5.4	30.1	0.087	8.9	2.4
Area (Charbroiler)	0.1	-	-	-	0.4	0.3
Cooling Tower	-	-	-	-	0.2	0.1
Stationary (Emergency Generators)	1.6	29.9	17.1	0.0004	0.1	0.1
Construction (East: Building Construction+Architectural Coating+Paving)	17.2	40.8	58.3	0.1538	9.1	3.6
Total Project On-Site and Off-Site Emissions	**40**	**79**	**149**	**0.256**	**19**	**7**
SCAQMD Numeric Indicators	**55.0**	**55.0**	**550.0**	**150.0**	**150.0**	**55.0**
Over/(Under)	(15.1)	23.7	(400.5)	(149.7)	(130.9)	(48.1)
Exceeds Thresholds?	**No**	**Yes**	**No**	**No**	**No**	**No**

Hollywood Center
Air Quality Assessment
East Site First Scenario

Maximum Unmitigated Regional Emissions For East Site Buildout and Concurrent West Site Construction in 2024 (pounds per day)

Source	VOC	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$
Area (Consumer Products, Landscaping)	17.2	0.5	40.3	0.002	0.2	0.2
Energy (Natural Gas)	0.3	2.3	1.5	0.014	0.2	0.2
Motor Vehicles	3.7	6.1	34.3	0.099	10.1	2.7
Area (Charbroiler)	0.1	-	-	-	0.4	0.3
Cooling Tower	-	-	-	-	0.1	0.04
Stationary (Emergency Generators)	1.6	29.9	17.1	0.0004	0.1	0.1
Construction(West Site: Building Construction+Architectural Coatings+Pavings)	17.6	40.8	58.3	0.1538	9.1	3.6
Total Project On-Site and Off-Site Emissions	**40**	**80**	**152**	**0.27**	**20**	**7**
SCAQMD Numeric Indicators	**55.0**	**55.0**	**550.0**	**150.0**	**150.0**	**55.0**
Over/(Under)	(14.6)	24.6	(398.5)	(149.7)	(129.7)	(47.8)
Exceeds Thresholds?	**No**	**Yes**	**No**	**No**	**No**	**No**

Hollywood Center
Air Quality Assessment
East Site First Scenario
East Site - Regional Operational Emissions

Maximum Unmitigated Regional Operational Emissions (pounds per day)

Source	VOC	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$
Area (Consumer Products, Landscaping)	17.2	0.5	40.3	0.002	0.2	0.2
Energy (Natural Gas)	0.3	2.3	1.5	0.014	0.2	0.2
Motor Vehicles	3.7	6.1	34.3	0.099	10.1	2.7
Area (Charbroiler)	0.1	-	-	-	0.4	0.3
Cooling Tower	-	-	-	-	0.1	0.04
Stationary (Emergency Generators)	1.6	29.9	17.1	0.0004	0.1	0.1
Total Project On-Site and Off-Site Emissions	**23**	**39**	**93**	**0.115**	**11**	**4**
SCAQMD Numeric Indicators	**55.0**	**55.0**	**550.0**	**150.0**	**150.0**	**55.0**
Over/(Under)	(32.2)	(16.2)	(456.8)	(149.9)	(138.9)	(51.4)
Exceeds Thresholds?	**No**	**No**	**No**	**No**	**No**	**No**

Hollywood Center
Air Quality Assessment
East Site First Scenario
East Site - Localized Operational Emissions

Maximum Unmitigated Localized Operational Emissions (pounds per day)

Source	NO_X	CO	PM_{10}	$PM_{2.5}$
Area (Consumer Products, Landscaping)	0.5	40	0.2	0.2
Energy (Natural Gas)	2	1	0.2	0.2
Area (Charbroiler)	-	-	0.4	0.3
Cooling Tower	-	-	0.1	0.0
Stationary (Emergency Generator)	30	17	0.1	0.1
Total Project On-Site Emissions	**33**	**59**	**1.0**	**0.8**
SCAQMD Numeric Indicators	**120.0**	**1235.0**	**2.5**	**2.0**
Over/(Under)	(87)	(1176)	(1.5)	(1.2)
Exceeds Thresholds?	**No**	**No**	**No**	**No**

Localized significance threshold from SCAQMD Look-Up tables for a 2.69-acre site in Central Los Angeles (SRA 1) with the neareast sensitive receptor at 25 meters from the Site.

Hollywood Center - East Site (All Res) - Operation

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	32.66	1000sqft	0.10	32,665.00	0
Enclosed Parking with Elevator	684.00	Space	0.80	353,824.00	0
Other Non-Asphalt Surfaces	21.15	1000sqft	0.10	21,150.00	0
User Defined Parking	1.63	User Defined Unit	0.14	1,627.00	0
City Park	0.82	Acre	0.10	35,300.00	0
Fast Food Restaurant w/o Drive Thru	2.73	1000sqft	0.10	2,732.00	0
High Turnover (Sit Down Restaurant)	15.48	1000sqft	0.10	15,482.00	0
Apartments Mid Rise	65.00	Dwelling Unit	0.30	67,149.00	186
Condo/Townhouse High Rise	423.00	Dwelling Unit	0.95	575,100.00	1210

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)	497	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 Intensity Factor: California Air Resources Board, Statewide Emission Factors (EF) For Use With AB 900 Projects (Jan 2017). Linearly adjusted to 44% RPS by 2024

Land Use - see operational assumptions

Vehicle Trips - see operational assumptions. VMT and trips provided by traffic study.

Woodstoves - see operational assumptions

Energy Use - see operational assumptions. Lighting energy intensity of Parking Lot land use used as surrogate for public open space lighting energy intensity.

Water And Wastewater - see water demand spreadsheet and water supply assessment

Solid Waste - see operational assumptions

Sequestration - Miscellaneous trees; 122 trees on East Site.

Energy Mitigation - The Project LEED checklist states it will be 20% more efficient than 2010 Ashrae 90.1 Standard. Therefore, compared to 2016 Title 24 Building Energy Efficiency that is based off of 2013 Ashrae 90.1 Standards, the Project will be 11.6% more efficient.

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	43,090.00	43,340.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	129,269.00	130,019.00
tblArchitecturalCoating	ConstArea_Parking	22,596.00	22,318.00
tblAreaCoating	Area_Nonresidential_Exterior	43090	53665
tblAreaCoating	Area_Nonresidential_Interior	129269	160994
tblAreaCoating	Area_Parking	22596	21327
tblConstructionPhase	NumDays	220.00	200.00
tblConstructionPhase	NumDays	6.00	4.00
tblConstructionPhase	NumDays	3.00	2.00
tblEnergyUse	LightingElect	0.00	0.35
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	55.25	0.00
tblFireplaces	NumberGas	359.55	0.00
tblFireplaces	NumberNoFireplace	6.50	0.00

tblFireplaces	NumberNoFireplace	42.30	0.00
tblFireplaces	NumberWood	3.25	0.00
tblFireplaces	NumberWood	21.15	0.00
tblLandUse	LandUseSquareFeet	32,660.00	32,665.00
tblLandUse	LandUseSquareFeet	273,600.00	353,824.00
tblLandUse	LandUseSquareFeet	0.00	1,627.00
tblLandUse	LandUseSquareFeet	35,719.20	35,300.00
tblLandUse	LandUseSquareFeet	2,730.00	2,732.00
tblLandUse	LandUseSquareFeet	15,480.00	15,482.00
tblLandUse	LandUseSquareFeet	65,000.00	67,149.00
tblLandUse	LandUseSquareFeet	423,000.00	575,100.00
tblLandUse	LotAcreage	0.75	0.10
tblLandUse	LotAcreage	6.16	0.80
tblLandUse	LotAcreage	0.49	0.10
tblLandUse	LotAcreage	0.00	0.14
tblLandUse	LotAcreage	0.82	0.10
tblLandUse	LotAcreage	0.06	0.10
tblLandUse	LotAcreage	0.36	0.10
tblLandUse	LotAcreage	1.71	0.30
tblLandUse	LotAcreage	6.61	0.95
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	7.00	6.00
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	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	497
tblSequestration	NumberOfNewTrees	0.00	122.00
tblSolidWaste	SolidWasteGenerationRate	29.90	59.30
tblSolidWaste	SolidWasteGenerationRate	0.07	155.90
tblSolidWaste	SolidWasteGenerationRate	194.58	944.10
tblSolidWaste	SolidWasteGenerationRate	31.45	2.50
tblSolidWaste	SolidWasteGenerationRate	30.37	0.00
tblSolidWaste	SolidWasteGenerationRate	184.21	14.10
tblTripsAndVMT	VendorTripNumber	128.00	127.00
tblTripsAndVMT	WorkerTripNumber	542.00	541.00
tblWater	IndoorWaterUseRate	4,235,011.67	2,609,679.00
tblWater	IndoorWaterUseRate	27,560,152.84	16,982,989.00
tblWater	IndoorWaterUseRate	828,647.03	0.00
tblWater	IndoorWaterUseRate	5,804,784.21	1,159,675.00
tblWater	IndoorWaterUseRate	4,698,701.87	6,782,620.00
tblWater	OutdoorWaterUseRate	2,669,898.66	0.00
tblWater	OutdoorWaterUseRate	977,014.71	265,430.00
tblWater	OutdoorWaterUseRate	17,374,878.96	0.00
tblWater	OutdoorWaterUseRate	0.00	73,043.00
tblWater	OutdoorWaterUseRate	52,892.36	0.00
tblWater	OutdoorWaterUseRate	3,557,770.97	0.00
tblWater	OutdoorWaterUseRate	299,917.14	0.00
tblWater	OutdoorWaterUseRate	0.00	59,949.00
tblWoodstoves	NumberCatalytic	3.25	0.00
tblWoodstoves	NumberCatalytic	21.15	0.00
tblWoodstoves	NumberNoncatalytic	3.25	0.00
tblWoodstoves	NumberNoncatalytic	21.15	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00

tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

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	17.1741	0.4644	40.3210	2.1300e-003		0.2233	0.2233		0.2233	0.2233	0.0000	72.6595	72.6595	0.0700	0.0000	74.4093
Energy	0.2671	2.3559	1.5083	0.0146		0.1846	0.1846		0.1846	0.1846		2,914.0925	2,914.0925	0.0559	0.0534	2,931.4095
Mobile	0.0000	0.0000	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	**17.4413**	**2.8203**	**41.8293**	**0.0167**	**0.0000**	**0.4079**	**0.4079**	**0.0000**	**0.4079**	**0.4079**	**0.0000**	**2,986.7520**	**2,986.7520**	**0.1258**	**0.0534**	**3,005.8188**

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	17.1741	0.4644	40.3210	2.1300e-003		0.2233	0.2233		0.2233	0.2233	0.0000	72.6595	72.6595	0.0700	0.0000	74.4093
Energy	0.2560	2.2587	1.4526	0.0140		0.1769	0.1769		0.1769	0.1769		2,792.5597	2,792.5597	0.0535	0.0512	2,809.1545
Mobile	0.0000	0.0000	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	**17.4301**	**2.7230**	**41.7736**	**0.0161**	**0.0000**	**0.4002**	**0.4002**	**0.0000**	**0.4002**	**0.4002**	**0.0000**	**2,865.2192**	**2,865.2192**	**0.1235**	**0.0512**	**2,883.5637**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.06**	**3.45**	**0.13**	**3.65**	**0.00**	**1.89**	**1.89**	**0.00**	**1.89**	**1.89**	**0.00**	**4.07**	**4.07**	**1.85**	**4.17**	**4.07**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		
Condo/Townhouse High Rise	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Fast Food Restaurant w/o Drive Thru	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
User Defined Parking	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	0.00	0.00	0.00	40.20	19.20	40.60	86	11	3
City Park	0.00	0.00	0.00	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	0.00	0.00	0.00	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Fast Food Restaurant w/o Drive Thru	0.00	0.00	0.00	1.50	79.50	19.00	51	37	12
General Office Building	0.00	0.00	0.00	33.00	48.00	19.00	77	19	4
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	8.50	72.50	19.00	37	20	43
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
User Defined Parking	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.543646	0.044284	0.209381	0.116714	0.014227	0.006316	0.021040	0.033117	0.002601	0.001862	0.005277	0.000709	0.000827
City Park	0.543646	0.044284	0.209381	0.116714	0.014227	0.006316	0.021040	0.033117	0.002601	0.001862	0.005277	0.000709	0.000827
Condo/Townhouse High Rise	0.543646	0.044284	0.209381	0.116714	0.014227	0.006316	0.021040	0.033117	0.002601	0.001862	0.005277	0.000709	0.000827
Enclosed Parking with Elevator	0.543646	0.044284	0.209381	0.116714	0.014227	0.006316	0.021040	0.033117	0.002601	0.001862	0.005277	0.000709	0.000827
Fast Food Restaurant w/o Drive Thru	0.543646	0.044284	0.209381	0.116714	0.014227	0.006316	0.021040	0.033117	0.002601	0.001862	0.005277	0.000709	0.000827
General Office Building	0.543646	0.044284	0.209381	0.116714	0.014227	0.006316	0.021040	0.033117	0.002601	0.001862	0.005277	0.000709	0.000827
High Turnover (Sit Down Restaurant)	0.543646	0.044284	0.209381	0.116714	0.014227	0.006316	0.021040	0.033117	0.002601	0.001862	0.005277	0.000709	0.000827
Other Non-Asphalt Surfaces	0.543646	0.044284	0.209381	0.116714	0.014227	0.006316	0.021040	0.033117	0.002601	0.001862	0.005277	0.000709	0.000827
User Defined Parking	0.543646	0.044284	0.209381	0.116714	0.014227	0.006316	0.021040	0.033117	0.002601	0.001862	0.005277	0.000709	0.000827

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2560	2.2587	1.4526	0.0140		0.1769	0.1769		0.1769	0.1769		2,792.5597	2,792.5597	0.0535	0.0512	2,809.1545
NaturalGas Unmitigated	0.2671	2.3559	1.5083	0.0146		0.1846	0.1846		0.1846	0.1846		2,914.0925	2,914.0925	0.0559	0.0534	2,931.4095

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	1641.37	0.0177	0.1513	0.0644	9.7000e-004		0.0122	0.0122		0.0122	0.0122		193.1027	193.1027	3.7000e-003	3.5400e-003	194.2502
City Park	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
Condo/Townhouse High Rise	10681.5	0.1152	0.9844	0.4189	6.2800e-003		0.0796	0.0796		0.0796	0.0796		1,256.6529	1,256.6529	0.0241	0.0230	1,264.1206
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
Fast Food Restaurant w/o Drive Thru	1727.22	0.0186	0.1693	0.1422	1.0200e-003		0.0129	0.0129		0.0129	0.0129		203.2027	203.2027	3.8900e-003	3.7300e-003	204.4102
General Office Building	931.624	0.0101	0.0913	0.0767	5.5000e-004		6.9400e-003	6.9400e-003		6.9400e-003	6.9400e-003		109.6028	109.6028	2.1000e-003	2.0100e-003	110.2541
High Turnover (Sit Down Restaurant)	9788.02	0.1056	0.9596	0.8061	5.7600e-003		0.0729	0.0729		0.0729	0.0729		1,151.5315	1,151.5315	0.0221	0.0211	1,158.3744
Other Non-Asphalt Surfaces	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
User Defined Parking	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		**0.2671**	**2.3559**	**1.5083**	**0.0146**		**0.1846**	**0.1846**		**0.1846**	**0.1846**		**2,914.0925**	**2,914.0925**	**0.0559**	**0.0534**	**2,931.4095**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	1.55077	0.0167	0.1429	0.0608	9.1000e-004		0.0116	0.0116		0.0116	0.0116		182.4436	182.4436	3.5000e-003	3.3400e-003	183.5277
City Park	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
Condo/Townhouse High Rise	10.0919	0.1088	0.9300	0.3958	5.9400e-003		0.0752	0.0752		0.0752	0.0752		1,187.2865	1,187.2865	0.0228	0.0218	1,194.3419
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
Fast Food Restaurant w/o Drive Thru	1.68991	0.0182	0.1657	0.1392	9.9000e-004		0.0126	0.0126		0.0126	0.0126		198.8124	198.8124	3.8100e-003	3.6400e-003	199.9938
General Office Building	0.827604	8.9300e-003	0.0811	0.0682	4.9000e-004		6.1700e-003	6.1700e-003		6.1700e-003	6.1700e-003		97.3652	97.3652	1.8700e-003	1.7900e-003	97.9438
High Turnover (Sit Down Restaurant)	9.57654	0.1033	0.9389	0.7887	5.6300e-003		0.0714	0.0714		0.0714	0.0714		1,126.6521	1,126.6521	0.0216	0.0207	1,133.3472
Other Non-Asphalt Surfaces	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
User Defined Parking	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		**0.2560**	**2.2587**	**1.4526**	**0.0140**		**0.1769**	**0.1769**		**0.1769**	**0.1769**		**2,792.5597**	**2,792.5597**	**0.0535**	**0.0512**	**2,809.1544**

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	17.1741	0.4644	40.3210	2.1300e-003		0.2233	0.2233		0.2233	0.2233	0.0000	72.6595	72.6595	0.0700	0.0000	74.4093
Unmitigated	17.1741	0.4644	40.3210	2.1300e-003		0.2233	0.2233		0.2233	0.2233	0.0000	72.6595	72.6595	0.0700	0.0000	74.4093

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	1.4007					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	14.5563					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	1.2172	0.4644	40.3210	2.1300e-003		0.2233	0.2233		0.2233	0.2233		72.6595	72.6595	0.0700		74.4093
Total	**17.1741**	**0.4644**	**40.3210**	**2.1300e-003**		**0.2233**	**0.2233**		**0.2233**	**0.2233**	**0.0000**	**72.6595**	**72.6595**	**0.0700**	**0.0000**	**74.4093**

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	1.4007					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	14.5563					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	1.2172	0.4644	40.3210	2.1300e-003		0.2233	0.2233		0.2233	0.2233		72.6595	72.6595	0.0700		74.4093
Total	**17.1741**	**0.4644**	**40.3210**	**2.1300e-003**		**0.2233**	**0.2233**		**0.2233**	**0.2233**	**0.0000**	**72.6595**	**72.6595**	**0.0700**	**0.0000**	**74.4093**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Hollywood Center - East Site (All Res) - Operation

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	32.66	1000sqft	0.10	32,665.00	0
Enclosed Parking with Elevator	684.00	Space	0.80	353,824.00	0
Other Non-Asphalt Surfaces	21.15	1000sqft	0.10	21,150.00	0
User Defined Parking	1.63	User Defined Unit	0.14	1,627.00	0
City Park	0.82	Acre	0.10	35,300.00	0
Fast Food Restaurant w/o Drive Thru	2.73	1000sqft	0.10	2,732.00	0
High Turnover (Sit Down Restaurant)	15.48	1000sqft	0.10	15,482.00	0
Apartments Mid Rise	65.00	Dwelling Unit	0.30	67,149.00	186
Condo/Townhouse High Rise	423.00	Dwelling Unit	0.95	575,100.00	1210

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)	497	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 Intensity Factor: California Air Resources Board, Statewide Emission Factors (EF) For Use With AB 900 Projects (Jan 2017). Linearly adjusted to 44% RPS by 2024

Land Use - see operational assumptions

Vehicle Trips - see operational assumptions. VMT and trips provided by traffic study.

Woodstoves - see operational assumptions

Energy Use - see operational assumptions. Lighting energy intensity of Parking Lot land use used as surrogate for public open space lighting energy intensity.

Water And Wastewater - see water demand spreadsheet and water supply assessment

Solid Waste - see operational assumptions

Sequestration - Miscellaneous trees; 122 trees on East Site.

Energy Mitigation - The Project LEED checklist states it will be 20% more efficient than 2010 Ashrae 90.1 Standard. Therefore, compared to 2016 Title 24 Building Energy Efficiency that is based off of 2013 Ashrae 90.1 Standards, the Project will be 11.6% more efficient.

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	43,090.00	43,340.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	129,269.00	130,019.00
tblArchitecturalCoating	ConstArea_Parking	22,596.00	22,318.00
tblAreaCoating	Area_Nonresidential_Exterior	43090	53665
tblAreaCoating	Area_Nonresidential_Interior	129269	160994
tblAreaCoating	Area_Parking	22596	21327
tblConstructionPhase	NumDays	220.00	200.00
tblConstructionPhase	NumDays	6.00	4.00
tblConstructionPhase	NumDays	3.00	2.00
tblEnergyUse	LightingElect	0.00	0.35
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceDayYear	25.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	55.25	0.00
tblFireplaces	NumberGas	359.55	0.00
tblFireplaces	NumberNoFireplace	6.50	0.00

tblFireplaces	NumberNoFireplace	42.30	0.00
tblFireplaces	NumberWood	3.25	0.00
tblFireplaces	NumberWood	21.15	0.00
tblLandUse	LandUseSquareFeet	32,660.00	32,665.00
tblLandUse	LandUseSquareFeet	273,600.00	353,824.00
tblLandUse	LandUseSquareFeet	0.00	1,627.00
tblLandUse	LandUseSquareFeet	35,719.20	35,300.00
tblLandUse	LandUseSquareFeet	2,730.00	2,732.00
tblLandUse	LandUseSquareFeet	15,480.00	15,482.00
tblLandUse	LandUseSquareFeet	65,000.00	67,149.00
tblLandUse	LandUseSquareFeet	423,000.00	575,100.00
tblLandUse	LotAcreage	0.75	0.10
tblLandUse	LotAcreage	6.16	0.80
tblLandUse	LotAcreage	0.49	0.10
tblLandUse	LotAcreage	0.00	0.14
tblLandUse	LotAcreage	0.82	0.10
tblLandUse	LotAcreage	0.06	0.10
tblLandUse	LotAcreage	0.36	0.10
tblLandUse	LotAcreage	1.71	0.30
tblLandUse	LotAcreage	6.61	0.95
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	7.00	6.00
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	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	497
tblSequestration	NumberOfNewTrees	0.00	122.00
tblSolidWaste	SolidWasteGenerationRate	29.90	59.30
tblSolidWaste	SolidWasteGenerationRate	0.07	155.90
tblSolidWaste	SolidWasteGenerationRate	194.58	944.10
tblSolidWaste	SolidWasteGenerationRate	31.45	2.50
tblSolidWaste	SolidWasteGenerationRate	30.37	0.00
tblSolidWaste	SolidWasteGenerationRate	184.21	14.10
tblTripsAndVMT	VendorTripNumber	128.00	127.00
tblTripsAndVMT	WorkerTripNumber	542.00	541.00
tblWater	IndoorWaterUseRate	4,235,011.67	2,609,679.00
tblWater	IndoorWaterUseRate	27,560,152.84	16,982,989.00
tblWater	IndoorWaterUseRate	828,647.03	0.00
tblWater	IndoorWaterUseRate	5,804,784.21	1,159,675.00
tblWater	IndoorWaterUseRate	4,698,701.87	6,782,620.00
tblWater	OutdoorWaterUseRate	2,669,898.66	0.00
tblWater	OutdoorWaterUseRate	977,014.71	265,430.00
tblWater	OutdoorWaterUseRate	17,374,878.96	0.00
tblWater	OutdoorWaterUseRate	0.00	73,043.00
tblWater	OutdoorWaterUseRate	52,892.36	0.00
tblWater	OutdoorWaterUseRate	3,557,770.97	0.00
tblWater	OutdoorWaterUseRate	299,917.14	0.00
tblWater	OutdoorWaterUseRate	0.00	59,949.00
tblWoodstoves	NumberCatalytic	3.25	0.00
tblWoodstoves	NumberCatalytic	21.15	0.00
tblWoodstoves	NumberNoncatalytic	3.25	0.00
tblWoodstoves	NumberNoncatalytic	21.15	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00

tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

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	17.1741	0.4644	40.3210	2.1300e-003		0.2233	0.2233		0.2233	0.2233	0.0000	72.6595	72.6595	0.0700	0.0000	74.4093
Energy	0.2671	2.3559	1.5083	0.0146		0.1846	0.1846		0.1846	0.1846		2,914.0925	2,914.0925	0.0559	0.0534	2,931.4095
Mobile	0.0000	0.0000	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	**17.4413**	**2.8203**	**41.8293**	**0.0167**	**0.0000**	**0.4079**	**0.4079**	**0.0000**	**0.4079**	**0.4079**	**0.0000**	**2,986.7520**	**2,986.7520**	**0.1258**	**0.0534**	**3,005.8188**

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	17.1741	0.4644	40.3210	2.1300e-003		0.2233	0.2233		0.2233	0.2233	0.0000	72.6595	72.6595	0.0700	0.0000	74.4093
Energy	0.2560	2.2587	1.4526	0.0140		0.1769	0.1769		0.1769	0.1769		2,792.5597	2,792.5597	0.0535	0.0512	2,809.1545
Mobile	0.0000	0.0000	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	**17.4301**	**2.7230**	**41.7736**	**0.0161**	**0.0000**	**0.4002**	**0.4002**	**0.0000**	**0.4002**	**0.4002**	**0.0000**	**2,865.2192**	**2,865.2192**	**0.1235**	**0.0512**	**2,883.5637**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.06**	**3.45**	**0.13**	**3.65**	**0.00**	**1.89**	**1.89**	**0.00**	**1.89**	**1.89**	**0.00**	**4.07**	**4.07**	**1.85**	**4.17**	**4.07**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	0.00	0.00	0.00		
City Park	0.00	0.00	0.00		
Condo/Townhouse High Rise	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Fast Food Restaurant w/o Drive Thru	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
User Defined Parking	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	0.00	0.00	0.00	40.20	19.20	40.60	86	11	3
City Park	0.00	0.00	0.00	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	0.00	0.00	0.00	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Fast Food Restaurant w/o Drive Thru	0.00	0.00	0.00	1.50	79.50	19.00	51	37	12
General Office Building	0.00	0.00	0.00	33.00	48.00	19.00	77	19	4
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	8.50	72.50	19.00	37	20	43
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
User Defined Parking	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.543646	0.044284	0.209381	0.116714	0.014227	0.006316	0.021040	0.033117	0.002601	0.001862	0.005277	0.000709	0.000827
City Park	0.543646	0.044284	0.209381	0.116714	0.014227	0.006316	0.021040	0.033117	0.002601	0.001862	0.005277	0.000709	0.000827
Condo/Townhouse High Rise	0.543646	0.044284	0.209381	0.116714	0.014227	0.006316	0.021040	0.033117	0.002601	0.001862	0.005277	0.000709	0.000827
Enclosed Parking with Elevator	0.543646	0.044284	0.209381	0.116714	0.014227	0.006316	0.021040	0.033117	0.002601	0.001862	0.005277	0.000709	0.000827
Fast Food Restaurant w/o Drive Thru	0.543646	0.044284	0.209381	0.116714	0.014227	0.006316	0.021040	0.033117	0.002601	0.001862	0.005277	0.000709	0.000827
General Office Building	0.543646	0.044284	0.209381	0.116714	0.014227	0.006316	0.021040	0.033117	0.002601	0.001862	0.005277	0.000709	0.000827
High Turnover (Sit Down Restaurant)	0.543646	0.044284	0.209381	0.116714	0.014227	0.006316	0.021040	0.033117	0.002601	0.001862	0.005277	0.000709	0.000827
Other Non-Asphalt Surfaces	0.543646	0.044284	0.209381	0.116714	0.014227	0.006316	0.021040	0.033117	0.002601	0.001862	0.005277	0.000709	0.000827
User Defined Parking	0.543646	0.044284	0.209381	0.116714	0.014227	0.006316	0.021040	0.033117	0.002601	0.001862	0.005277	0.000709	0.000827

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2560	2.2587	1.4526	0.0140		0.1769	0.1769		0.1769	0.1769		2,792.5597	2,792.5597	0.0535	0.0512	2,809.1545
NaturalGas Unmitigated	0.2671	2.3559	1.5083	0.0146		0.1846	0.1846		0.1846	0.1846		2,914.0925	2,914.0925	0.0559	0.0534	2,931.4095

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	1641.37	0.0177	0.1513	0.0644	9.7000e-004		0.0122	0.0122		0.0122	0.0122		193.1027	193.1027	3.7000e-003	3.5400e-003	194.2502
City Park	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
Condo/Townhouse High Rise	10681.5	0.1152	0.9844	0.4189	6.2800e-003		0.0796	0.0796		0.0796	0.0796		1,256.6529	1,256.6529	0.0241	0.0230	1,264.1206
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
Fast Food Restaurant w/o Drive Thru	1727.22	0.0186	0.1693	0.1422	1.0200e-003		0.0129	0.0129		0.0129	0.0129		203.2027	203.2027	3.8900e-003	3.7300e-003	204.4102
General Office Building	931.624	0.0101	0.0913	0.0767	5.5000e-004		6.9400e-003	6.9400e-003		6.9400e-003	6.9400e-003		109.6028	109.6028	2.1000e-003	2.0100e-003	110.2541
High Turnover (Sit Down Restaurant)	9788.02	0.1056	0.9596	0.8061	5.7600e-003		0.0729	0.0729		0.0729	0.0729		1,151.5315	1,151.5315	0.0221	0.0211	1,158.3744
Other Non-Asphalt Surfaces	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
User Defined Parking	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		**0.2671**	**2.3559**	**1.5083**	**0.0146**		**0.1846**	**0.1846**		**0.1846**	**0.1846**		**2,914.0925**	**2,914.0925**	**0.0559**	**0.0534**	**2,931.4095**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	1.55077	0.0167	0.1429	0.0608	9.1000e-004		0.0116	0.0116		0.0116	0.0116		182.4436	182.4436	3.5000e-003	3.3400e-003	183.5277
City Park	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
Condo/Townhouse High Rise	10.0919	0.1088	0.9300	0.3958	5.9400e-003		0.0752	0.0752		0.0752	0.0752		1,187.2865	1,187.2865	0.0228	0.0218	1,194.3419
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
Fast Food Restaurant w/o Drive-Thru	1.68991	0.0182	0.1657	0.1392	9.9000e-004		0.0126	0.0126		0.0126	0.0126		198.8124	198.8124	3.8100e-003	3.6400e-003	199.9938
General Office Building	0.827604	8.9300e-003	0.0811	0.0682	4.9000e-004		6.1700e-003	6.1700e-003		6.1700e-003	6.1700e-003		97.3652	97.3652	1.8700e-003	1.7900e-003	97.9438
High Turnover (Sit Down Restaurant)	9.57654	0.1033	0.9389	0.7887	5.6300e-003		0.0714	0.0714		0.0714	0.0714		1,126.6521	1,126.6521	0.0216	0.0207	1,133.3472
Other Non-Asphalt Surfaces	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
User Defined Parking	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		**0.2560**	**2.2587**	**1.4526**	**0.0140**		**0.1769**	**0.1769**		**0.1769**	**0.1769**		**2,792.5597**	**2,792.5597**	**0.0535**	**0.0512**	**2,809.1544**

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	17.1741	0.4644	40.3210	2.1300e-003		0.2233	0.2233		0.2233	0.2233	0.0000	72.6595	72.6595	0.0700	0.0000	74.4093
Unmitigated	17.1741	0.4644	40.3210	2.1300e-003		0.2233	0.2233		0.2233	0.2233	0.0000	72.6595	72.6595	0.0700	0.0000	74.4093

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	1.4007					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	14.5563					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	1.2172	0.4644	40.3210	2.1300e-003		0.2233	0.2233		0.2233	0.2233		72.6595	72.6595	0.0700		74.4093
Total	**17.1741**	**0.4644**	**40.3210**	**2.1300e-003**		**0.2233**	**0.2233**		**0.2233**	**0.2233**	**0.0000**	**72.6595**	**72.6595**	**0.0700**	**0.0000**	**74.4093**

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	1.4007					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	14.5563					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	1.2172	0.4644	40.3210	2.1300e-003		0.2233	0.2233		0.2233	0.2233		72.6595	72.6595	0.0700		74.4093
Total	**17.1741**	**0.4644**	**40.3210**	**2.1300e-003**		**0.2233**	**0.2233**		**0.2233**	**0.2233**	**0.0000**	**72.6595**	**72.6595**	**0.0700**	**0.0000**	**74.4093**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Hollywood Center Project
Air Quality Assessment
Operational Mobile Emissions - East Site First Scenario
ALL RESIDENTIAL SCENARIO

		Criteria Pollutant Emission Factors (lb/mile)										Criteria Pollutant Emissions (pounds/day)									
Year	Max Daily VMT	ROG	NOx	CO	SOx	PM10 Road Dust	PM10	PM10 Total	PM2_5 Road Dust	PM2_5	PM2.5 Total	ROG	NOx	CO	SOx	PM10 Road Dust	PM10	PM10 Total	PM2_5 Road Dust	PM2_5	PM2.5 Total
2024	12,997	2.85E-04	4.70E-04	2.64E-03	7.60E-06	6.61E-04	1.16E-04	7.77E-04	1.62E-04	4.91E-05	2.11E-04	3.71	6.11	34.29	0.10	8.59	1.50	10.10	2.11	0.64	2.75

Sources: Fehr and Peers, 2020; EMFAC2017; ESA 2020

Hollywood Center
Road Dust Emission Factors

Paved Road Dust Emission Factors (Assumes No Precipitation)

Formula: $EF_{Dust,P} = (k\ (sL)^{0.91} \times (W)^{1.02})$

Where:

$EF_{Dust,P}$ =	Paved Road Dust Emission Factor (having the same units as k)
k =	particle size multiplier
sL =	road surface silt loading (g/m^2)
W =	average fleet vehicle weight (tons) (CARB uses 2.4 tons as a fleet average vehicle weight factor)

Emission Factor (grams per VMT)		
	PM10	PM2.5
k	0.9979	0.2449
sL	0.1	0.1
W	2.4	2.4
$EF_{Dust,P}$	3.00E-01	7.36E-02

Unpaved Road Dust Emission Factors (Assumes No Precipitation)

Formula: $EF_{Dust,U} = (k\ (\ s / 12)^{1} \times (Sp / 30)^{0.5} / (M / 0.5)^{0.2}) - C)$

Where:

$EF_{Dust,U}$ =	Unpaved Road Dust Emission Factor (having the same units as k)
k =	particle size multiplier
s =	surface material silt content (%)
Sp =	mean vehicle speed (mph)
M =	surface material moisture content (%)
C =	Emission Factor for 1980s vehicle fleet exhaust, brake wear, and tire wear

Emission Factor (grams per VMT)		
	PM10	PM2.5
k	816.47	81.65
s	4.3%	4.3%
Sp	15	15
M	0.5%	0.5%
C	0.00047	0.00036
$EF_{Dust,U}$	5.20E+00	5.19E-01

Sources:
SCAQMD, CalEEMod, Version 2011.1.
CARB, *Entrained Dust from Paved Road Travel: Emission Estimation Methodology Background Document* , (1997).
USEPA, *AP-42* , Fifth Edition, Volume I, Chapter 13.2.1 - Paved Roads, (2011).
ESA, 2020.

Hollywood Center
Air Quality Assessment
West Site First Scenario

Maximum Mitigated Regional Emissions For West Site Buildout and Concurrent East Site Construction in 2024 (pounds per day)

Source	VOC	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$
Area (Consumer Products, Landscaping)	17.5	0.5	42.7	0.002	0.2	0.2
Energy (Natural Gas)	0.2	2.0	1.2	0.013	0.2	0.2
Motor Vehicles	3.3	5.4	30.1	0.087	8.9	2.4
Area (Charbroiler)	0.1	-	-	-	0.4	0.3
Cooling Tower	-	-	-	-	0.2	0.1
Stationary (Emergency Generators)	1.6	29.9	17.1	0.0004	0.1	0.1
Construction (East: Building Construction+Architectural Coating+Paving)	14.2	10.1	62.2	0.1538	7.7	2.2
Total Project On-Site and Off-Site Emissions	**37**	**48**	**153**	**0.256**	**18**	**6**
SCAQMD Numeric Indicators	**55.0**	**55.0**	**550.0**	**150.0**	**150.0**	**55.0**
Over/(Under)	(18.1)	(7.1)	(396.6)	(149.7)	(132.3)	(49.5)
Exceeds Thresholds?	**No**	**No**	**No**	**No**	**No**	**No**

Hollywood Center
Air Quality Assessment
East Site First Scenario

Maximum Mitigated Regional Emissions For East Site Buildout and Concurrent West Site Construction in 2024 (pounds per day)

Source	VOC	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$
Area (Consumer Products, Landscaping)	17.2	0.5	40.3	0.002	0.2	0.2
Energy (Natural Gas)	0.3	2.3	1.5	0.014	0.2	0.2
Motor Vehicles	3.7	6.1	34.3	0.099	10.1	2.7
Area (Charbroiler)	0.1	-	-	-	0.4	0.3
Cooling Tower	-	-	-	-	0.1	0.04
Stationary (Emergency Generators)	1.6	29.9	17.1	0.0004	0.1	0.1
Construction(West Site: Building Construction+Architectural Coatings+Pavings)	14.6	10.1	62.2	0.1538	7.7	2.2
Total Project On-Site and Off-Site Emissions	**37**	**49**	**155**	**0.27**	**19**	**6**
SCAQMD Numeric Indicators	**55.0**	**55.0**	**550.0**	**150.0**	**150.0**	**55.0**
Over/(Under)	(17.5)	(6.1)	(394.6)	(149.7)	(131.2)	(49.2)
Exceeds Thresholds?	**No**	**No**	**No**	**No**	**No**	**No**

Hollywood Center
Air Quality Assessment
East Site First Scenario
East Site - Regional Operational Emissions

Maximum Mitigated Regional Operational Emissions (pounds per day)

Source	VOC	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$
Area (Consumer Products, Landscaping)	17.2	0.5	40.3	0.002	0.2	0.2
Energy (Natural Gas)	0.3	2.3	1.5	0.014	0.2	0.2
Motor Vehicles	3.7	6.1	34.3	0.099	10.1	2.7
Area (Charbroiler)	0.1	-	-	-	0.4	0.3
Cooling Tower	-	-	-	-	0.1	0.04
Stationary (Emergency Generators)	1.6	29.9	17.1	0.0004	0.1	0.1
Total Project On-Site and Off-Site Emissions	**23**	**39**	**93**	**0.115**	**11**	**4**
SCAQMD Numeric Indicators	**55.0**	**55.0**	**550.0**	**150.0**	**150.0**	**55.0**
Over/(Under)	(32.2)	(16.2)	(456.8)	(149.9)	(138.9)	(51.4)
Exceeds Thresholds?	**No**	**No**	**No**	**No**	**No**	**No**