		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
P1 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Architectural Coating	Roads	0.07	0.01	0.05	0.01	0.29	0.28
P1 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 1 (mo. 2-4)	Roads	0.43	0.04	0.30	0.03	0.29	0.28
P1 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 2 (mo. 5)	Roads	0.15	0.02	0.11	0.01	0.29	0.28
P1 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.60
P1 Site Preparation (mo. 1)	Roads	0.14	0.01	0.10	0.01	0.29	0.28
P2 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Architectural Coating	Roads	0.07	0.01	0.05	0.01	0.29	0.28
P2 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 1 (mo. 2-4)	Roads	0.42	0.04	0.30	0.03	0.29	0.28
P2 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 2 (mo. 5)	Roads	0.14	0.02	0.10	0.01	0.29	0.28
P2 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.60
P2 Site Preparation (mo. 1)	Roads	0.15	0.02	0.11	0.01	0.29	0.28
P3 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Architectural Coating	Roads	0.07	0.01	0.05	0.01	0.29	0.28
P3 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 1 (mo. 2-4)	Roads	0.47	0.05	0.34	0.04	0.29	0.28
P3 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 2 (mo. 5)	Roads	0.16	0.02	0.11	0.01	0.29	0.28
P3 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
P3 Site Preparation (mo. 1)	Roads	0.16	0.02	0.11	0.01	0.29	0.28
P4 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Architectural Coating	Roads	0.07	0.01	0.05	0.01	0.29	0.28
P4 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 1 (mo. 2-4)	Roads	0.46	0.05	0.32	0.03	0.29	0.28
P4 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 2 (mo. 5)	Roads	0.16	0.02	0.11	0.01	0.29	0.28
P4 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
P4 Site Preparation (mo. 1)	Roads	0.15	0.02	0.11	0.01	0.29	0.28

P5 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Architectural Coating	Roads	0.07	0.01	0.05	0.01	0.29	0.28
P5 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 1 (mo. 2-4)	Roads	0.45	0.05	0.32	0.03	0.29	0.28
P5 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 2 (mo. 5)	Roads	0.15	0.02	0.10	0.01	0.29	0.28
P5 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.62
P5 Site Preparation (mo. 1)	Roads	0.16	0.02	0.11	0.01	0.29	0.28
P6 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Architectural Coating	Roads	0.07	0.01	0.05	0.01	0.29	0.28
P6 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 1 (mo. 2-4)	Roads	0.46	0.05	0.33	0.04	0.29	0.28
P6 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 2 (mo. 5)	Roads	0.12	0.01	0.08	0.01	0.29	0.28
P6 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.60
P6 Site Preparation (mo. 1)	Roads	0.15	0.02	0.11	0.01	0.29	0.28

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	-0.01	0.13		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	250.00
No	Use Low VOC Paint (Residential Exterior)	250.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services	
Percent Reduction in Waste Disposed	

CalEEMod Input Matrix
Project Characteristics

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	Central Village Residential P1-P6	--	Project Description
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	08/01/20	Central Village Schedule	Proctor Valley EIR Assumptions
Operational Year	--	Central Village Schedule	Proctor Valley EIR Assumptions

Table 2: Utility Information			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Select Utility Company	San Diego Gas and Electric	project location	CEC, 2014
CO2 Intensity Factor (lb./Mwh)	--	Adjusted for RPS	
CH4 Intensity Factor (lb./Mwh)	default		
N20 Intensity Factor (lb./Mwh)	default		

CalEEMod Input Matrix
Project Characteristics

Table 3: Pollutants			
Pollutant Selection	**Pollutant Full Name**	**Notes**	**Source**
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N20	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Matrix
Construction Phase

Table 5: Construction Phase					
Phase Name	**Phase Type**	**Start Date**	**End Date**	**Days/Week**	**Total Days**
P1 Site Preparation (mo. 1)	Site Preparation	2020/08/01	2020/08/31	5	21
P1 Building Construction 1 (mo. 2-4)	Building Construction	2020/09/01	2020/11/30	5	65
P1 Architectural Coating	Architectural Coating	2020/11/01	2020/12/31	5	44
P1 Building Construction 2 (mo. 5)	Building Construction	2020/12/01	2020/12/31	5	23
P2 Site Preparation (mo. 1)	Site Preparation	2020/12/01	2020/12/31	5	23
P2 Building Construction 1 (mo. 2-4)	Building Construction	2021/01/01	2021/03/31	5	64
P2 Architectural Coating	Architectural Coating	2021/03/01	2021/04/30	5	45
P2 Building Construction 2 (mo. 5)	Building Construction	2021/04/01	2021/04/30	5	22
P3 Site Preparation (mo. 1)	Site Preparation	2021/04/01	2021/04/30	5	22
P3 Building Construction 1 (mo. 2-4)	Building Construction	2021/05/01	2021/07/31	5	65
P3 Architectural Coating	Architectural Coating	2021/07/01	2021/08/31	5	44
P4 Site Preparation (mo. 1)	Site Preparation	2021/08/01	2021/08/31	5	22
P3 Building Construction 2 (mo. 5)	Building Construction	2021/08/01	2021/08/31	5	22
P4 Building Construction 1 (mo. 2-4)	Building Construction	2021/09/01	2021/11/30	5	65
P4 Architectural Coating	Architectural Coating	2021/11/01	2021/12/31	5	45
P4 Building Construction 2 (mo. 5)	Building Construction	2021/12/01	2021/12/31	5	23
P5 Site Preparation (mo. 1)	Site Preparation	2021/12/01	2021/12/31	5	23
P5 Building Construction 1 (mo. 2-4)	Building Construction	2022/01/01	2022/03/31	5	64
P5 Architectural Coating	Architectural Coating	2022/03/01	2022/04/30	5	44
P5 Building Construction 2 (mo. 5)	Building Construction	2022/04/01	2022/04/30	5	21
P6 Site Preparation (mo. 1)	Site Preparation	2022/04/01	2022/04/30	5	21
P6 Building Construction 1 (mo. 2-4)	Building Construction	2022/05/01	2022/07/31	5	65
P6 Architectural Coating	Architectural Coating	2022/07/01	2022/08/31	5	44
P6 Building Construction 2 (mo. 5)	Building Construction	2022/08/01	2022/08/31	5	23

CalEEMod Input Matrix
Construction Phase

Table 6: Off-Road Equipment					
Phase Name	**Equipment Type**	**Unit Amount**	**Hours/Day**	**Horsepower (hp)**	**Load Factor**
All Phases Site Preparation (mo.	Grader	1	default		
	Skid Steer	1			
	Trencher	1			
	Pump	1			
	Cement Mixer	1			
All Phases Building Construction	Rough Terrain Forklift	1			
	Backhoe	1			
All Phases Building Construction	Rough Terrain Forklift	1			
	Skid Steer	2			
	Cement Mixer	1			
All Phases Architectural Coating	Air Compressor	2			

Table 7: Dust from Material Movement							
Phase Name	**Material Imported**	**Material Exported**	**Material Import/Export Phased?**	**Mean Vehicle Speed (mph)**	**Total Acres Graded**	**Material Moisture Content (%)**	**Material Silt Content**
Site Prep	default						
Grading							

Table 8: Demolition		
Phase Name	**Size Metric**	**Unit Amount**
default		

CalEEMod Input Matrix
Construction Phase

Table 9: Construction Trips and VMT									
Phase Name	**# Trips Worker (/day)**	**# Trips Vendor (/day)**	**Total # Trips Hauling**	**Trip Length Worker (miles)**	**Trip Length Worker (miles)**	**Trip Length Hauling (miles)**	**Vehicle Class Worker**	**Vehicle Class Vendor**	**Vehicle Class Hauling**
All Phases Site Preparation (mo. 1)	Refer to Construction VMT worksheet								
All Phases Building Construction 1 (mo. 2-4)									
All Phases Building Construction 2 (mo. 5)									
All Phases Architectural Coating									

Table 10: On-Road Fugitive Dust								
Phase Name	**% Pave Worker**	**% Pave Vendor**	**% Pave Hauling**	**Road Silt Loading (g/m2)**	**Material Silt Content (%)**	**Material Moisture Content (%)**	**Average Vehicle Weight (tons)**	**Mean Vehicle Speed (mph)**
All Phases Site Preparation (mo. 1)	98		default					
All Phases Building Construction 1 (mo. 2-4)								
All Phases Building Construction 2 (mo. 5)								
All Phases Paving								
All Phases Architectural Coating								

Table 11: Architectural Coating										
Phase Name	**Residential Interior VOC (g/L)**	**Residential Interior Area (sqft)**	**Residential Exterior VOC (g/L)**	**Residential Exterior Area (sqft)**	**Non-Residential Interior VOC (g/L)**	**Non-Residential Interior Area (sqft)**	**Non-Residential Exterior VOC (g/L)**	**Non-Residential Exterior Area (sqft)**	**VOC for Parking Lot Paint (g/L)**	**Parking Area (sqft)**
P1 Architectural Coating	50	602,948	100	200,983	N/A	0	N/A	0	N/A	default
P2 Architectural Coating	50	602,948	100	200,983	N/A	0	N/A	0	N/A	
P3 Architectural Coating	50	672,519	100	224,173	N/A	0	N/A	0	N/A	
P4 Architectural Coating	50	649,328	100	216,443	N/A	0	N/A	0	N/A	
P5 Architectural Coating	50	649,328	100	216,443	N/A	0	N/A	0	N/A	
P6 Architectural Coating	50	655,126	100	218,375	N/A	0	N/A	0	N/A	

CalEEMod Input Matrix
Construction Mobile

Table 12: Vehicle Trips	
Land Use Subtype	**Size Metric**
Refer to VMT Worksheet	

Table 13: Vehicle Emissions
default

CalEEMod Input Matrix
Construction Mobile

Table 14: Fleet Mix													
Land Use Subtype	**LDA**	**LDT1**	**LDT2**	**MDV**	**LHD1**	**LHD2**	**MHD**	**HHD**	**OBUS**	**UBUS**	**MCY**	**SBUS**	**MH**
Single Family Housing	default												

Table 15: Paved Road Dust	
% Pave	default
Road Silt Loading (g/m2)	
Weight (tons)	

Table 16: Paved Road Dust	
Material Silt Content (%)	default
Material Moisture Content (%)	
Mean Vechile Speed (mph)	
CARB Unmitigated Unpaved Road Statewide Emissions Inventory Method	

Tables 12 through 31 pertain to operational emissions and are therefore omitted

CalEEMod Input Sheet
Construction Mitigation

Table 32: Off-Road Equipment						
Equipment Type	**Fuel Type**	**Engine Tier**	**Number of Equipments Mitigated**	**Total Number of Off-road Equipments**	**DPF Level**	**Using Oxidation Catalyst (% Reduction)**
--						

Table 33: Fugitive Dust	
Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	default
PM 2.5 (% Reduction)	
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	15
Clean Paved Road	
% PM Reduction	--

CalEEMod Version: CalEEMod.2016.3.1 Date: 8/22/2017 10:13 AM

Central Village Residential P7-P11

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	0.00	675,668.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2025
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 1

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Construction Off-road Equipment Mitigation - Refer to CalEEMod Input Matrix Table 32 and 33

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	56,043.23
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	44,448.08
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	69,570.90
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	216,442.80
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	69,570.90
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	168,129.68
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	133,344.23
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	208,712.70
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	649,328.40
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	208,712.70
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConsumerProducts	ROG_EF	2.14E-05	1E-10
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-17
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-18
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblGrading	AcresOfGrading	11.50	11.00
tblGrading	AcresOfGrading	10.50	10.00
tblGrading	AcresOfGrading	11.00	10.50
tblGrading	AcresOfGrading	11.50	10.00
tblLandUse	BuildingSpaceSquareFeet	0.00	675,668.00
tblLandUse	LandUseSquareFeet	0.00	675,668.00
tblOffRoadEquipment	HorsePower	97.00	221.00
tblOffRoadEquipment	HorsePower	97.00	221.00
tblOffRoadEquipment	LoadFactor	0.37	0.50
tblOffRoadEquipment	LoadFactor	0.37	0.50
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P7 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
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
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00

tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	OperationalYear	2018	2025

tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
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tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
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tblTripsAndVMT	VendorTripNumber	0.00	4.00
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tblTripsAndVMT	VendorTripNumber	0.00	4.00
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tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	40.00
tblTripsAndVMT	WorkerTripNumber	1.00	8.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
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tblTripsAndVMT	WorkerTripNumber	1.00	8.00
tblTripsAndVMT	WorkerTripNumber	1.00	13.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	10.00
tblTripsAndVMT	WorkerTripNumber	1.00	13.00

tblTripsAndVMT	WorkerTripNumber	1.00	10.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	1.00	40.00
tblTripsAndVMT	WorkerTripNumber	1.00	10.00
tblTripsAndVMT	WorkerTripNumber	0.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	14.00
tblTripsAndVMT	WorkerTripNumber	1.00	40.00
tblTripsAndVMT	WorkerTripNumber	1.00	13.00
tblTripsAndVMT	WorkerTripNumber	13.00	8.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	1.00	13.00
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	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	59.3353	21.4966	20.5500	0.0433	25.1702	0.9368	26.1070	2.6242	0.8942	3.5184	0.0000	4,196.2118	4,196.2118	0.6971	0.0000	4,213.6401
2023	20.9870	20.6469	19.8414	0.0445	11.9654	0.9018	12.7988	1.2494	0.8568	2.0444	0.0000	4,293.0849	4,293.0849	0.8847	0.0000	4,315.2026
2024	16.2483	6.6667	9.7833	0.0173	5.6838	0.2714	5.9552	0.5933	0.2627	0.8560	0.0000	1,685.5780	1,685.5780	0.2652	0.0000	1,692.2081
Maximum	**59.3353**	**21.4966**	**20.5500**	**0.0445**	**25.1702**	**0.9368**	**26.1070**	**2.6242**	**0.8942**	**3.5184**	**0.0000**	**4,293.0849**	**4,293.0849**	**0.8847**	**0.0000**	**4,315.2026**

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	59.3353	21.4966	20.5500	0.0433	17.6449	0.9368	18.5817	1.8706	0.8942	2.7648	0.0000	4,196.2118	4,196.2118	0.6971	0.0000	4,213.6401
2023	20.9870	20.6469	19.8414	0.0445	8.3083	0.9018	9.1417	0.8819	0.8568	1.6769	0.0000	4,293.0849	4,293.0849	0.8847	0.0000	4,315.2026
2024	16.2483	6.6667	9.7833	0.0173	4.0237	0.2714	4.2951	0.4276	0.2627	0.6904	0.0000	1,685.5780	1,685.5780	0.2652	0.0000	1,692.2081
Maximum	**59.3353**	**21.4966**	**20.5500**	**0.0445**	**17.6449**	**0.9368**	**18.5817**	**1.8706**	**0.8942**	**2.7648**	**0.0000**	**4,293.0849**	**4,293.0849**	**0.8847**	**0.0000**	**4,315.2026**

	ROG	NOx	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**	**29.99**	**0.00**	**28.63**	**28.81**	**0.00**	**20.05**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5400e-003	9.5000e-004	0.0824	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**2.5400e-003**	**9.5000e-004**	**0.0824**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5400e-003	9.5000e-004	0.0824	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**2.5400e-003**	**9.5000e-004**	**0.0824**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

	ROG	NOx	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	P7 Site Preparation (mo. 1)	Site Preparation	8/1/2022	8/31/2022	5	23	
2	P7 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2022	11/30/2022	5	65	
3	P7 Architectural Coating	Architectural Coating	11/1/2022	12/31/2022	5	44	
4	P8 Site Preparation (mo. 1)	Site Preparation	12/1/2022	12/31/2022	5	22	
5	P7 Building Construction 2 (mo. 5)	Building Construction	12/1/2022	12/31/2022	5	22	
6	P8 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2023	3/1/2023	5	43	
7	P9 Site Preparation (mo. 1)	Site Preparation	3/1/2023	3/31/2023	5	23	
8	P8 Architectural Coating	Architectural Coating	3/1/2023	4/30/2023	5	43	
9	P8 Building Construction 2 (mo. 5)	Building Construction	4/1/2023	4/30/2023	5	20	
10	P9 Building Construction 1 (mo. 2-4)	Building Construction	4/1/2023	6/30/2023	5	65	
11	P9 Architectural Coating	Architectural Coating	6/1/2023	7/31/2023	5	43	
12	P10 Site Preparation (mo. 1)	Site Preparation	7/1/2023	7/31/2023	5	21	
13	P9 Building Construction 2 (mo. 5)	Building Construction	7/1/2023	7/31/2023	5	21	
14	P10 Building Construction 1 (mo. 2-4)	Building Construction	8/1/2023	10/31/2023	5	66	
15	P10 Architectural Coating	Architectural Coating	10/1/2023	11/30/2023	5	44	
16	P11 Site Preparation (mo. 1)	Site Preparation	11/1/2023	11/30/2023	5	22	
17	P10 Building Construction 2 (mo. 5)	Building Construction	11/1/2023	11/30/2023	5	22	
18	P11 Building Construction 1 (mo. 2-4)	Building Construction	12/1/2023	2/28/2024	5	64	
19	P11 Architectural Coating	Architectural Coating	2/1/2024	3/31/2024	5	42	
20	P11 Building Construction 2 (mo. 5)	Building Construction	3/1/2024	3/31/2024	5	21	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 649,328; Residential Outdoor: 216,443; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P7 Architectural Coating	Air Compressors	2	8.00	78	0.48
P7 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P7 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P7 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P7 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P7 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P7 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P7 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P7 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P8 Architectural Coating	Air Compressors	2	8.00	78	0.48
P8 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P8 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	221	0.50
P8 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P8 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P8 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P8 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P8 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P8 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P8 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P8 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P9 Architectural Coating	Air Compressors	2	8.00	78	0.48
P9 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P9 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	221	0.50
P9 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P9 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40

P9 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P9 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P9 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P9 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P9 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P9 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P10 Architectural Coating	Air Compressors	2	8.00	78	0.48
P10 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P10 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P10 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P10 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P10 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P10 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P10 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P10 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P10 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P10 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P11 Architectural Coating	Air Compressors	2	8.00	78	0.48
P11 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P11 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P11 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P11 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P11 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P11 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P11 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P11 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P11 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P11 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50

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
P7 Site Preparation (mo. 1)	5	40.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 1 (mo. 2-	2	40.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 2 (mo. 5)	3	40.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Architectural Coating	2	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Site Preparation (mo. 1)	5	14.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 1 (mo. 2-	2	13.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 2 (mo. 5)	3	13.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Architectural Coating	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Site Preparation (mo. 1)	5	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Building Construction 1 (mo. 2-	2	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Building Construction 2 (mo. 5)	3	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Site Preparation (mo. 1)	5	14.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Building Construction 1 (mo. 2-	2	13.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Building Construction 2 (mo. 5)	3	13.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Architectural Coating	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P11 Site Preparation (mo. 1)	5	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P11 Building Construction 1 (mo. 2-	2	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P11 Building Construction 2 (mo. 5)	3	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P11 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	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

Clean Paved Roads

3.2 P7 Site Preparation (mo. 1) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5072	0.0000	0.5072	0.0548	0.0000	0.0548			0.0000			0.0000
Off-Road	1.2591	12.9029	9.7482	0.0194		0.6112	0.6112		0.5759	0.5759		1,842.1705	1,842.1705	0.4150		1,852.5453
Total	**1.2591**	**12.9029**	**9.7482**	**0.0194**	**0.5072**	**0.6112**	**1.1184**	**0.0548**	**0.5759**	**0.6306**		**1,842.1705**	**1,842.1705**	**0.4150**		**1,852.5453**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0356	1.1509	0.3283	3.1300e-003	2.6585	2.3000e-003	2.6608	0.2804	2.2000e-003	0.2826		337.3231	337.3231	0.0257		337.9653
Worker	0.1487	0.0920	0.9254	2.9600e-003	13.0382	2.2200e-003	13.0404	1.3546	2.0500e-003	1.3566		294.6102	294.6102	8.0400e-003		294.8113
Total	**0.1843**	**1.2429**	**1.2537**	**6.0900e-003**	**15.6966**	**4.5200e-003**	**15.7012**	**1.6350**	**4.2500e-003**	**1.6392**		**631.9334**	**631.9334**	**0.0337**		**632.7766**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1978	0.0000	0.1978	0.0214	0.0000	0.0214			0.0000			0.0000
Off-Road	1.2591	12.9029	9.7482	0.0194		0.6112	0.6112		0.5759	0.5759	0.0000	1,842.1705	1,842.1705	0.4150		1,852.5453
Total	**1.2591**	**12.9029**	**9.7482**	**0.0194**	**0.1978**	**0.6112**	**0.8090**	**0.0214**	**0.5759**	**0.5972**	**0.0000**	**1,842.1705**	**1,842.1705**	**0.4150**		**1,852.5453**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0356	1.1509	0.3283	3.1300e-003	1.8849	2.3000e-003	1.8872	0.2032	2.2000e-003	0.2054		337.3231	337.3231	0.0257		337.9653
Worker	0.1487	0.0920	0.9254	2.9600e-003	9.2236	2.2200e-003	9.2258	0.9739	2.0500e-003	0.9760		294.6102	294.6102	8.0400e-003		294.8113
Total	**0.1843**	**1.2429**	**1.2537**	**6.0900e-003**	**11.1085**	**4.5200e-003**	**11.1131**	**1.1771**	**4.2500e-003**	**1.1814**		**631.9334**	**631.9334**	**0.0337**		**632.7766**

3.3 P7 Building Construction 1 (mo. 2-4) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2766	3.1560	4.5263	6.5600e-003		0.1417	0.1417		0.1304	0.1304		634.9934	634.9934	0.2054		640.1277
Total	**0.2766**	**3.1560**	**4.5263**	**6.5600e-003**		**0.1417**	**0.1417**		**0.1304**	**0.1304**		**634.9934**	**634.9934**	**0.2054**		**640.1277**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0356	1.1509	0.3283	3.1300e-003	2.6585	2.3000e-003	2.6608	0.2804	2.2000e-003	0.2826		337.3231	337.3231	0.0257		337.9653
Worker	0.1487	0.0920	0.9254	2.9600e-003	13.0382	2.2200e-003	13.0404	1.3546	2.0500e-003	1.3566		294.6102	294.6102	8.0400e-003		294.8113
Total	**0.1843**	**1.2429**	**1.2537**	**6.0900e-003**	**15.6966**	**4.5200e-003**	**15.7012**	**1.6350**	**4.2500e-003**	**1.6392**		**631.9334**	**631.9334**	**0.0337**		**632.7766**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2766	3.1560	4.5263	6.5600e-003		0.1417	0.1417		0.1304	0.1304	0.0000	634.9934	634.9934	0.2054		640.1277
Total	**0.2766**	**3.1560**	**4.5263**	**6.5600e-003**		**0.1417**	**0.1417**		**0.1304**	**0.1304**	**0.0000**	**634.9934**	**634.9934**	**0.2054**		**640.1277**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0356	1.1509	0.3283	3.1300e-003	1.8849	2.3000e-003	1.8872	0.2032	2.2000e-003	0.2054		337.3231	337.3231	0.0257		337.9653
Worker	0.1487	0.0920	0.9254	2.9600e-003	9.2236	2.2200e-003	9.2258	0.9739	2.0500e-003	0.9760		294.6102	294.6102	8.0400e-003		294.8113
Total	**0.1843**	**1.2429**	**1.2537**	**6.0900e-003**	**11.1085**	**4.5200e-003**	**11.1131**	**1.1771**	**4.2500e-003**	**1.1814**		**631.9334**	**631.9334**	**0.0337**		**632.7766**

3.4 P7 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	57.0007					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5454	3.7560	4.8363	7.9200e-003		0.2179	0.2179		0.2179	0.2179		750.5281	750.5281	0.0489		751.7497
Total	**57.5461**	**3.7560**	**4.8363**	**7.9200e-003**		**0.2179**	**0.2179**		**0.2179**	**0.2179**		**750.5281**	**750.5281**	**0.0489**		**751.7497**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0297	0.0184	0.1851	5.9000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.1000e-004	0.2713		58.9221	58.9221	1.6100e-003		58.9623
Total	**0.0416**	**0.4020**	**0.2945**	**1.6300e-003**	**3.4938**	**1.2100e-003**	**3.4950**	**0.3644**	**1.1400e-003**	**0.3655**		**171.3631**	**171.3631**	**0.0102**		**171.6174**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	57.0007					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5454	3.7560	4.8363	7.9200e-003		0.2179	0.2179		0.2179	0.2179	0.0000	750.5281	750.5281	0.0489		751.7497
Total	**57.5461**	**3.7560**	**4.8363**	**7.9200e-003**		**0.2179**	**0.2179**		**0.2179**	**0.2179**	**0.0000**	**750.5281**	**750.5281**	**0.0489**		**751.7497**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.6283	7.7000e-004	0.6291	0.0677	7.3000e-004	0.0685		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0297	0.0184	0.1851	5.9000e-004	1.8447	4.4000e-004	1.8452	0.1948	4.1000e-004	0.1952		58.9221	58.9221	1.6100e-003		58.9623
Total	**0.0416**	**0.4020**	**0.2945**	**1.6300e-003**	**2.4730**	**1.2100e-003**	**2.4742**	**0.2625**	**1.1400e-003**	**0.2637**		**171.3631**	**171.3631**	**0.0102**		**171.6174**

3.5 P8 Site Preparation (mo. 1) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.2591	12.9029	9.7482	0.0194		0.6112	0.6112		0.5759	0.5759		1,842.1705	1,842.1705	0.4150		1,852.5453
Total	**1.2591**	**12.9029**	**9.7482**	**0.0194**	**0.5303**	**0.6112**	**1.1414**	**0.0573**	**0.5759**	**0.6331**		**1,842.1705**	**1,842.1705**	**0.4150**		**1,852.5453**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0520	0.0322	0.3239	1.0300e-003	4.5634	7.8000e-004	4.5641	0.4741	7.2000e-004	0.4748		103.1136	103.1136	2.8200e-003		103.1840
Total	**0.0639**	**0.4158**	**0.4333**	**2.0700e-003**	**5.4495**	**1.5500e-003**	**5.4511**	**0.5676**	**1.4500e-003**	**0.5690**		**215.5546**	**215.5546**	**0.0114**		**215.8391**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	1.2591	12.9029	9.7482	0.0194		0.6112	0.6112		0.5759	0.5759	0.0000	1,842.1705	1,842.1705	0.4150		1,852.5453
Total	**1.2591**	**12.9029**	**9.7482**	**0.0194**	**0.2068**	**0.6112**	**0.8180**	**0.0223**	**0.5759**	**0.5982**	**0.0000**	**1,842.1705**	**1,842.1705**	**0.4150**		**1,852.5453**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.6283	7.7000e-004	0.6291	0.0677	7.3000e-004	0.0685		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0520	0.0322	0.3239	1.0300e-003	3.2283	7.8000e-004	3.2290	0.3409	7.2000e-004	0.3416		103.1136	103.1136	2.8200e-003		103.1840
Total	**0.0639**	**0.4158**	**0.4333**	**2.0700e-003**	**3.8566**	**1.5500e-003**	**3.8581**	**0.4086**	**1.4500e-003**	**0.4101**		**215.5546**	**215.5546**	**0.0114**		**215.8391**

3.6 P7 Building Construction 2 (mo. 5) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2402	2.7771	3.9840	6.2300e-003		0.1005	0.1005		0.0936	0.0936		584.6621	584.6621	0.1780		589.1120
Total	**0.2402**	**2.7771**	**3.9840**	**6.2300e-003**		**0.1005**	**0.1005**		**0.0936**	**0.0936**		**584.6621**	**584.6621**	**0.1780**		**589.1120**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0356	1.1509	0.3283	3.1300e-003	2.6585	2.3000e-003	2.6608	0.2804	2.2000e-003	0.2826		337.3231	337.3231	0.0257		337.9653
Worker	0.1487	0.0920	0.9254	2.9600e-003	13.0382	2.2200e-003	13.0404	1.3546	2.0500e-003	1.3566		294.6102	294.6102	8.0400e-003		294.8113
Total	**0.1843**	**1.2429**	**1.2537**	**6.0900e-003**	**15.6966**	**4.5200e-003**	**15.7012**	**1.6350**	**4.2500e-003**	**1.6392**		**631.9334**	**631.9334**	**0.0337**		**632.7766**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2402	2.7771	3.9840	6.2300e-003		0.1005	0.1005		0.0936	0.0936	0.0000	584.6621	584.6621	0.1780		589.1120
Total	**0.2402**	**2.7771**	**3.9840**	**6.2300e-003**		**0.1005**	**0.1005**		**0.0936**	**0.0936**	**0.0000**	**584.6621**	**584.6621**	**0.1780**		**589.1120**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0356	1.1509	0.3283	3.1300e-003	1.8849	2.3000e-003	1.8872	0.2032	2.2000e-003	0.2054		337.3231	337.3231	0.0257		337.9653
Worker	0.1487	0.0920	0.9254	2.9600e-003	9.2236	2.2200e-003	9.2258	0.9739	2.0500e-003	0.9760		294.6102	294.6102	8.0400e-003		294.8113
Total	**0.1843**	**1.2429**	**1.2537**	**6.0900e-003**	**11.1085**	**4.5200e-003**	**11.1131**	**1.1771**	**4.2500e-003**	**1.1814**		**631.9334**	**631.9334**	**0.0337**		**632.7766**

3.7 P8 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4353	4.4936	4.5248	0.0129		0.1572	0.1572		0.1446	0.1446		1,249.2963	1,249.2963	0.4041		1,259.3974
Total	**0.4353**	**4.4936**	**4.5248**	**0.0129**		**0.1572**	**0.1572**		**0.1446**	**0.1446**		**1,249.2963**	**1,249.2963**	**0.4041**		**1,259.3974**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0459	0.0273	0.2788	9.2000e-004	4.2374	7.1000e-004	4.2381	0.4402	6.5000e-004	0.4409		92.0915	92.0915	2.3900e-003		92.1512
Total	**0.0550**	**0.3290**	**0.3776**	**1.9400e-003**	**5.1236**	**1.0900e-003**	**5.1247**	**0.5337**	**1.0100e-003**	**0.5347**		**201.7192**	**201.7192**	**0.0102**		**201.9738**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4353	4.4936	4.5248	0.0129		0.1572	0.1572		0.1446	0.1446	0.0000	1,249.2963	1,249.2963	0.4041		1,259.3974
Total	**0.4353**	**4.4936**	**4.5248**	**0.0129**		**0.1572**	**0.1572**		**0.1446**	**0.1446**	**0.0000**	**1,249.2963**	**1,249.2963**	**0.4041**		**1,259.3974**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0459	0.0273	0.2788	9.2000e-004	2.9977	7.1000e-004	2.9984	0.3165	6.5000e-004	0.3172		92.0915	92.0915	2.3900e-003		92.1512
Total	**0.0550**	**0.3290**	**0.3776**	**1.9400e-003**	**3.6260**	**1.0900e-003**	**3.6271**	**0.3843**	**1.0100e-003**	**0.3853**		**201.7192**	**201.7192**	**0.0102**		**201.9738**

3.8 P9 Site Preparation (mo. 1) - 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					0.4611	0.0000	0.4611	0.0498	0.0000	0.0498			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**1.1818**	**11.8719**	**9.7037**	**0.0194**	**0.4611**	**0.5535**	**1.0146**	**0.0498**	**0.5211**	**0.5709**		**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.4431	1.9000e-004	0.4433	0.0467	1.8000e-004	0.0469		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0282	0.0168	0.1716	5.7000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0328**	**0.1676**	**0.2210**	**1.0800e-003**	**3.0507**	**6.3000e-004**	**3.0513**	**0.3177**	**5.8000e-004**	**0.3182**		**111.4856**	**111.4856**	**5.3700e-003**		**111.6197**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1798	0.0000	0.1798	0.0194	0.0000	0.0194			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**1.1818**	**11.8719**	**9.7037**	**0.0194**	**0.1798**	**0.5535**	**0.7333**	**0.0194**	**0.5211**	**0.5405**	**0.0000**	**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.3142	1.9000e-004	0.3144	0.0339	1.8000e-004	0.0341		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0282	0.0168	0.1716	5.7000e-004	1.8447	4.4000e-004	1.8452	0.1948	4.0000e-004	0.1952		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0328**	**0.1676**	**0.2210**	**1.0800e-003**	**2.1589**	**6.3000e-004**	**2.1595**	**0.2287**	**5.8000e-004**	**0.2292**		**111.4856**	**111.4856**	**5.3700e-003**		**111.6197**

3.9 P8 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	18.7477					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507
Total	**19.2588**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**		**750.5281**	**750.5281**	**0.0449**		**751.6507**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**2.1900**	**6.0000e-004**	**2.1906**	**0.2289**	**5.6000e-004**	**0.2295**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.7477					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889	0.0000	750.5281	750.5281	0.0449		751.6507
Total	**19.2588**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**	**0.0000**	**750.5281**	**750.5281**	**0.0449**		**751.6507**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**1.5507**	**6.0000e-004**	**1.5513**	**0.1651**	**5.6000e-004**	**0.1657**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

3.10 P8 Building Construction 2 (mo. 5) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826		584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**		**584.8060**	**584.8060**	**0.1780**		**589.2571**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0459	0.0273	0.2788	9.2000e-004	4.2374	7.1000e-004	4.2381	0.4402	6.5000e-004	0.4409		92.0915	92.0915	2.3900e-003		92.1512
Total	**0.0550**	**0.3290**	**0.3776**	**1.9400e-003**	**5.1236**	**1.0900e-003**	**5.1247**	**0.5337**	**1.0100e-003**	**0.5347**		**201.7192**	**201.7192**	**0.0102**		**201.9738**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826	0.0000	584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**	**0.0000**	**584.8060**	**584.8060**	**0.1780**		**589.2571**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0459	0.0273	0.2788	9.2000e-004	2.9977	7.1000e-004	2.9984	0.3165	6.5000e-004	0.3172		92.0915	92.0915	2.3900e-003		92.1512
Total	**0.0550**	**0.3290**	**0.3776**	**1.9400e-003**	**3.6260**	**1.0900e-003**	**3.6271**	**0.3843**	**1.0100e-003**	**0.3853**		**201.7192**	**201.7192**	**0.0102**		**201.9738**

3.11 P9 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4353	4.4936	4.5248	0.0129		0.1572	0.1572		0.1446	0.1446		1,249.2963	1,249.2963	0.4041		1,259.3974
Total	**0.4353**	**4.4936**	**4.5248**	**0.0129**		**0.1572**	**0.1572**		**0.1446**	**0.1446**		**1,249.2963**	**1,249.2963**	**0.4041**		**1,259.3974**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.4431	1.9000e-004	0.4433	0.0467	1.8000e-004	0.0469		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0282	0.0168	0.1716	5.7000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0328**	**0.1676**	**0.2210**	**1.0800e-003**	**3.0507**	**6.3000e-004**	**3.0513**	**0.3177**	**5.8000e-004**	**0.3182**		**111.4856**	**111.4856**	**5.3700e-003**		**111.6197**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4353	4.4936	4.5248	0.0129		0.1572	0.1572		0.1446	0.1446	0.0000	1,249.2963	1,249.2963	0.4041		1,259.3974
Total	**0.4353**	**4.4936**	**4.5248**	**0.0129**		**0.1572**	**0.1572**		**0.1446**	**0.1446**	**0.0000**	**1,249.2963**	**1,249.2963**	**0.4041**		**1,259.3974**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.3142	1.9000e-004	0.3144	0.0339	1.8000e-004	0.0341		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0282	0.0168	0.1716	5.7000e-004	1.8447	4.4000e-004	1.8452	0.1948	4.0000e-004	0.1952		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0328**	**0.1676**	**0.2210**	**1.0800e-003**	**2.1589**	**6.3000e-004**	**2.1595**	**0.2287**	**5.8000e-004**	**0.2292**		**111.4856**	**111.4856**	**5.3700e-003**		**111.6197**

3.12 P9 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	11.9777					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507
Total	**12.4888**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**		**750.5281**	**750.5281**	**0.0449**		**751.6507**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.1679	14.1679	3.7000e-004		14.1771
Total	**0.0162**	**0.3059**	**0.1417**	**1.1600e-003**	**1.5381**	**4.9000e-004**	**1.5386**	**0.1612**	**4.6000e-004**	**0.1617**		**123.7957**	**123.7957**	**8.1600e-003**		**123.9997**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	11.9777					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889	0.0000	750.5281	750.5281	0.0449		751.6507
Total	**12.4888**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**	**0.0000**	**750.5281**	**750.5281**	**0.0449**		**751.6507**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.4612	1.1000e-004	0.4613	0.0487	1.0000e-004	0.0488		14.1679	14.1679	3.7000e-004		14.1771
Total	**0.0162**	**0.3059**	**0.1417**	**1.1600e-003**	**1.0895**	**4.9000e-004**	**1.0900**	**0.1164**	**4.6000e-004**	**0.1169**		**123.7957**	**123.7957**	**8.1600e-003**		**123.9997**

3.13 P10 Site Preparation (mo. 1) - 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					0.5050	0.0000	0.5050	0.0545	0.0000	0.0545			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**1.1818**	**11.8719**	**9.7037**	**0.0194**	**0.5050**	**0.5535**	**1.0585**	**0.0545**	**0.5211**	**0.5757**		**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0494	0.0294	0.3002	9.9000e-004	4.5634	7.6000e-004	4.5641	0.4741	7.0000e-004	0.4748		99.1755	99.1755	2.5700e-003		99.2398
Total	**0.0586**	**0.3311**	**0.3991**	**2.0100e-003**	**5.4495**	**1.1400e-003**	**5.4507**	**0.5676**	**1.0600e-003**	**0.5686**		**208.8032**	**208.8032**	**0.0104**		**209.0624**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1970	0.0000	0.1970	0.0213	0.0000	0.0213			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**1.1818**	**11.8719**	**9.7037**	**0.0194**	**0.1970**	**0.5535**	**0.7504**	**0.0213**	**0.5211**	**0.5424**	**0.0000**	**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0494	0.0294	0.3002	9.9000e-004	3.2283	7.6000e-004	3.2290	0.3409	7.0000e-004	0.3416		99.1755	99.1755	2.5700e-003		99.2398
Total	**0.0586**	**0.3311**	**0.3991**	**2.0100e-003**	**3.8566**	**1.1400e-003**	**3.8577**	**0.4086**	**1.0600e-003**	**0.4097**		**208.8032**	**208.8032**	**0.0104**		**209.0624**

3.14 P9 Building Construction 2 (mo. 5) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826		584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**		**584.8060**	**584.8060**	**0.1780**		**589.2571**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.4431	1.9000e-004	0.4433	0.0467	1.8000e-004	0.0469		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0282	0.0168	0.1716	5.7000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0328**	**0.1676**	**0.2210**	**1.0800e-003**	**3.0507**	**6.3000e-004**	**3.0513**	**0.3177**	**5.8000e-004**	**0.3182**		**111.4856**	**111.4856**	**5.3700e-003**		**111.6197**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826	0.0000	584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**	**0.0000**	**584.8060**	**584.8060**	**0.1780**		**589.2571**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.3142	1.9000e-004	0.3144	0.0339	1.8000e-004	0.0341		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0282	0.0168	0.1716	5.7000e-004	1.8447	4.4000e-004	1.8452	0.1948	4.0000e-004	0.1952		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0328**	**0.1676**	**0.2210**	**1.0800e-003**	**2.1589**	**6.3000e-004**	**2.1595**	**0.2287**	**5.8000e-004**	**0.2292**		**111.4856**	**111.4856**	**5.3700e-003**		**111.6197**

3.15 P10 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173
Total	**0.2571**	**2.9351**	**4.5186**	**6.5600e-003**		**0.1208**	**0.1208**		**0.1111**	**0.1111**		**635.3800**	**635.3800**	**0.2055**		**640.5173**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0459	0.0273	0.2788	9.2000e-004	4.2374	7.1000e-004	4.2381	0.4402	6.5000e-004	0.4409		92.0915	92.0915	2.3900e-003		92.1512
Total	**0.0550**	**0.3290**	**0.3776**	**1.9400e-003**	**5.1236**	**1.0900e-003**	**5.1247**	**0.5337**	**1.0100e-003**	**0.5347**		**201.7192**	**201.7192**	**0.0102**		**201.9738**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111	0.0000	635.3800	635.3800	0.2055		640.5173
Total	**0.2571**	**2.9351**	**4.5186**	**6.5600e-003**		**0.1208**	**0.1208**		**0.1111**	**0.1111**	**0.0000**	**635.3800**	**635.3800**	**0.2055**		**640.5173**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0459	0.0273	0.2788	9.2000e-004	2.9977	7.1000e-004	2.9984	0.3165	6.5000e-004	0.3172		92.0915	92.0915	2.3900e-003		92.1512
Total	**0.0550**	**0.3290**	**0.3776**	**1.9400e-003**	**3.6260**	**1.0900e-003**	**3.6271**	**0.3843**	**1.0100e-003**	**0.3853**		**201.7192**	**201.7192**	**0.0102**		**201.9738**

3.16 P10 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	18.3217					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507
Total	**18.8327**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**		**750.5281**	**750.5281**	**0.0449**		**751.6507**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**2.1900**	**6.0000e-004**	**2.1906**	**0.2289**	**5.6000e-004**	**0.2295**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.3217					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889	0.0000	750.5281	750.5281	0.0449		751.6507
Total	**18.8327**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**	**0.0000**	**750.5281**	**750.5281**	**0.0449**		**751.6507**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**1.5507**	**6.0000e-004**	**1.5513**	**0.1651**	**5.6000e-004**	**0.1657**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

3.17 P11 Site Preparation (mo. 1) - 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					0.5062	0.0000	0.5062	0.0547	0.0000	0.0547			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**1.1818**	**11.8719**	**9.7037**	**0.0194**	**0.5062**	**0.5535**	**1.0596**	**0.0547**	**0.5211**	**0.5758**		**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0353	0.0210	0.2144	7.1000e-004	3.2596	5.4000e-004	3.2601	0.3387	5.0000e-004	0.3392		70.8396	70.8396	1.8400e-003		70.8856
Total	**0.0445**	**0.3227**	**0.3133**	**1.7300e-003**	**4.1457**	**9.2000e-004**	**4.1466**	**0.4321**	**8.6000e-004**	**0.4330**		**180.4674**	**180.4674**	**9.6300e-003**		**180.7081**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1974	0.0000	0.1974	0.0213	0.0000	0.0213			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**1.1818**	**11.8719**	**9.7037**	**0.0194**	**0.1974**	**0.5535**	**0.7509**	**0.0213**	**0.5211**	**0.5424**	**0.0000**	**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0353	0.0210	0.2144	7.1000e-004	2.3059	5.4000e-004	2.3064	0.2435	5.0000e-004	0.2440		70.8396	70.8396	1.8400e-003		70.8856
Total	**0.0445**	**0.3227**	**0.3133**	**1.7300e-003**	**2.9342**	**9.2000e-004**	**2.9351**	**0.3112**	**8.6000e-004**	**0.3121**		**180.4674**	**180.4674**	**9.6300e-003**		**180.7081**

3.18 P10 Building Construction 2 (mo. 5) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826		584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**		**584.8060**	**584.8060**	**0.1780**		**589.2571**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0459	0.0273	0.2788	9.2000e-004	4.2374	7.1000e-004	4.2381	0.4402	6.5000e-004	0.4409		92.0915	92.0915	2.3900e-003		92.1512
Total	**0.0550**	**0.3290**	**0.3776**	**1.9400e-003**	**5.1236**	**1.0900e-003**	**5.1247**	**0.5337**	**1.0100e-003**	**0.5347**		**201.7192**	**201.7192**	**0.0102**		**201.9738**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826	0.0000	584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**	**0.0000**	**584.8060**	**584.8060**	**0.1780**		**589.2571**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0459	0.0273	0.2788	9.2000e-004	2.9977	7.1000e-004	2.9984	0.3165	6.5000e-004	0.3172		92.0915	92.0915	2.3900e-003		92.1512
Total	**0.0550**	**0.3290**	**0.3776**	**1.9400e-003**	**3.6260**	**1.0900e-003**	**3.6271**	**0.3843**	**1.0100e-003**	**0.3853**		**201.7192**	**201.7192**	**0.0102**		**201.9738**

3.19 P11 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173
Total	**0.2571**	**2.9351**	**4.5186**	**6.5600e-003**		**0.1208**	**0.1208**		**0.1111**	**0.1111**		**635.3800**	**635.3800**	**0.2055**		**640.5173**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0353	0.0210	0.2144	7.1000e-004	3.2596	5.4000e-004	3.2601	0.3387	5.0000e-004	0.3392		70.8396	70.8396	1.8400e-003		70.8856
Total	**0.0445**	**0.3227**	**0.3133**	**1.7300e-003**	**4.1457**	**9.2000e-004**	**4.1466**	**0.4321**	**8.6000e-004**	**0.4330**		**180.4674**	**180.4674**	**9.6300e-003**		**180.7081**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111	0.0000	635.3800	635.3800	0.2055		640.5173
Total	**0.2571**	**2.9351**	**4.5186**	**6.5600e-003**		**0.1208**	**0.1208**		**0.1111**	**0.1111**	**0.0000**	**635.3800**	**635.3800**	**0.2055**		**640.5173**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0353	0.0210	0.2144	7.1000e-004	2.3059	5.4000e-004	2.3064	0.2435	5.0000e-004	0.2440		70.8396	70.8396	1.8400e-003		70.8856
Total	**0.0445**	**0.3227**	**0.3133**	**1.7300e-003**	**2.9342**	**9.2000e-004**	**2.9351**	**0.3112**	**8.6000e-004**	**0.3121**		**180.4674**	**180.4674**	**9.6300e-003**		**180.7081**

3.19 P11 Building Construction 1 (mo. 2-4) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990		635.5030	635.5030	0.2055		640.6413
Total	**0.2463**	**2.7985**	**4.5247**	**6.5700e-003**		**0.1076**	**0.1076**		**0.0990**	**0.0990**		**635.5030**	**635.5030**	**0.2055**		**640.6413**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0336	0.0193	0.2002	6.8000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.9000e-004	0.3391		68.0512	68.0512	1.6900e-003		68.0934
Total	**0.0425**	**0.3167**	**0.2959**	**1.6900e-003**	**4.1457**	**9.0000e-004**	**4.1466**	**0.4321**	**8.4000e-004**	**0.4330**		**176.9939**	**176.9939**	**9.3800e-003**		**177.2284**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990	0.0000	635.5030	635.5030	0.2055		640.6413
Total	**0.2463**	**2.7985**	**4.5247**	**6.5700e-003**		**0.1076**	**0.1076**		**0.0990**	**0.0990**	**0.0000**	**635.5030**	**635.5030**	**0.2055**		**640.6413**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.6283	3.7000e-004	0.6287	0.0677	3.5000e-004	0.0681		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0336	0.0193	0.2002	6.8000e-004	2.3059	5.3000e-004	2.3064	0.2435	4.9000e-004	0.2440		68.0512	68.0512	1.6900e-003		68.0934
Total	**0.0425**	**0.3167**	**0.2959**	**1.6900e-003**	**2.9342**	**9.0000e-004**	**2.9351**	**0.3112**	**8.4000e-004**	**0.3121**		**176.9939**	**176.9939**	**9.3800e-003**		**177.2284**

3.20 P11 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	15.4619					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	**15.9440**	**3.2501**	**4.8270**	**7.9200e-003**		**0.1624**	**0.1624**		**0.1624**	**0.1624**		**750.5281**	**750.5281**	**0.0423**		**751.5847**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.6102	13.6102	3.4000e-004		13.6187
Total	**0.0156**	**0.3013**	**0.1358**	**1.1500e-003**	**1.5381**	**4.8000e-004**	**1.5385**	**0.1612**	**4.5000e-004**	**0.1616**		**122.5530**	**122.5530**	**8.0300e-003**		**122.7537**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	15.4619					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624	0.0000	750.5281	750.5281	0.0423		751.5847
Total	**15.9440**	**3.2501**	**4.8270**	**7.9200e-003**		**0.1624**	**0.1624**		**0.1624**	**0.1624**	**0.0000**	**750.5281**	**750.5281**	**0.0423**		**751.5847**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.6283	3.7000e-004	0.6287	0.0677	3.5000e-004	0.0681		108.9428	108.9428	7.6900e-003		109.1350
Worker	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.4612	1.1000e-004	0.4613	0.0487	1.0000e-004	0.0488		13.6102	13.6102	3.4000e-004		13.6187
Total	**0.0156**	**0.3013**	**0.1358**	**1.1500e-003**	**1.0895**	**4.8000e-004**	**1.0900**	**0.1164**	**4.5000e-004**	**0.1169**		**122.5530**	**122.5530**	**8.0300e-003**		**122.7537**

3.21 P11 Building Construction 2 (mo. 5) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2235	2.5449	3.9819	6.2300e-003		0.0820	0.0820		0.0766	0.0766		584.8198	584.8198	0.1781		589.2710
Total	**0.2235**	**2.5449**	**3.9819**	**6.2300e-003**		**0.0820**	**0.0820**		**0.0766**	**0.0766**		**584.8198**	**584.8198**	**0.1781**		**589.2710**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0336	0.0193	0.2002	6.8000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.9000e-004	0.3391		68.0512	68.0512	1.6900e-003		68.0934
Total	**0.0425**	**0.3167**	**0.2959**	**1.6900e-003**	**4.1457**	**9.0000e-004**	**4.1466**	**0.4321**	**8.4000e-004**	**0.4330**		**176.9939**	**176.9939**	**9.3800e-003**		**177.2284**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2235	2.5449	3.9819	6.2300e-003		0.0820	0.0820		0.0766	0.0766	0.0000	584.8198	584.8198	0.1781		589.2710
Total	**0.2235**	**2.5449**	**3.9819**	**6.2300e-003**		**0.0820**	**0.0820**		**0.0766**	**0.0766**	**0.0000**	**584.8198**	**584.8198**	**0.1781**		**589.2710**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.6283	3.7000e-004	0.6287	0.0677	3.5000e-004	0.0681		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0336	0.0193	0.2002	6.8000e-004	2.3059	5.3000e-004	2.3064	0.2435	4.9000e-004	0.2440		68.0512	68.0512	1.6900e-003		68.0934
Total	**0.0425**	**0.3167**	**0.2959**	**1.6900e-003**	**2.9342**	**9.0000e-004**	**2.9351**	**0.3112**	**8.4000e-004**	**0.3121**		**176.9939**	**176.9939**	**9.3800e-003**		**177.2284**

CalEEMod Version: CalEEMod.2016.3.1 Date: 8/22/2017 10:32 AM

Central Village Residential P7-P11

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	0.00	675,668.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2025
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 1

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Construction Off-road Equipment Mitigation - Refer to CalEEMod Input Matrix Table 32 and 33

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	56,043.23
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	44,448.08
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	69,570.90
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	216,442.80
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	69,570.90
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	168,129.68
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	133,344.23
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	208,712.70
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	649,328.40
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	208,712.70
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConsumerProducts	ROG_EF	2.14E-05	1E-10
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-17
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-18
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblGrading	AcresOfGrading	11.50	11.00
tblGrading	AcresOfGrading	10.50	10.00
tblGrading	AcresOfGrading	11.00	10.50
tblGrading	AcresOfGrading	11.50	10.00
tblLandUse	BuildingSpaceSquareFeet	0.00	675,668.00
tblLandUse	LandUseSquareFeet	0.00	675,668.00
tblOffRoadEquipment	HorsePower	97.00	221.00
tblOffRoadEquipment	HorsePower	97.00	221.00
tblOffRoadEquipment	LoadFactor	0.37	0.50
tblOffRoadEquipment	LoadFactor	0.37	0.50
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P7 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
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
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
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tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00

tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
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tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	OperationalYear	2018	2025

tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
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tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	40.00
tblTripsAndVMT	WorkerTripNumber	1.00	8.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	13.00	14.00
tblTripsAndVMT	WorkerTripNumber	1.00	8.00
tblTripsAndVMT	WorkerTripNumber	1.00	13.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	10.00
tblTripsAndVMT	WorkerTripNumber	1.00	13.00

tblTripsAndVMT	WorkerTripNumber	1.00	10.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	1.00	40.00
tblTripsAndVMT	WorkerTripNumber	1.00	10.00
tblTripsAndVMT	WorkerTripNumber	0.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	14.00
tblTripsAndVMT	WorkerTripNumber	1.00	40.00
tblTripsAndVMT	WorkerTripNumber	1.00	13.00
tblTripsAndVMT	WorkerTripNumber	13.00	8.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	1.00	13.00
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	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	59.3045	21.4876	20.5892	0.0437	25.1702	0.9367	26.1069	2.6242	0.8940	3.5182	0.0000	4,241.0153	4,241.0153	0.6954	0.0000	4,258.4009
2023	20.9750	20.6446	19.8560	0.0447	11.9654	0.9018	12.7988	1.2494	0.8567	2.0443	0.0000	4,311.8753	4,311.8753	0.8840	0.0000	4,333.9748
2024	16.2423	6.6668	9.7832	0.0174	5.6838	0.2714	5.9551	0.5933	0.2627	0.8560	0.0000	1,696.6177	1,696.6177	0.2646	0.0000	1,703.2316
Maximum	**59.3045**	**21.4876**	**20.5892**	**0.0447**	**25.1702**	**0.9367**	**26.1069**	**2.6242**	**0.8940**	**3.5182**	**0.0000**	**4,311.8753**	**4,311.8753**	**0.8840**	**0.0000**	**4,333.9748**

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	59.3045	21.4876	20.5892	0.0437	17.6449	0.9367	18.5816	1.8706	0.8940	2.7646	0.0000	4,241.0153	4,241.0153	0.6954	0.0000	4,258.4009
2023	20.9750	20.6446	19.8560	0.0447	8.3083	0.9018	9.1416	0.8819	0.8567	1.6769	0.0000	4,311.8753	4,311.8753	0.8840	0.0000	4,333.9748
2024	16.2423	6.6668	9.7832	0.0174	4.0237	0.2714	4.2951	0.4276	0.2627	0.6903	0.0000	1,696.6177	1,696.6177	0.2646	0.0000	1,703.2316
Maximum	**59.3045**	**21.4876**	**20.5892**	**0.0447**	**17.6449**	**0.9367**	**18.5816**	**1.8706**	**0.8940**	**2.7646**	**0.0000**	**4,311.8753**	**4,311.8753**	**0.8840**	**0.0000**	**4,333.9748**

	ROG	NOx	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**	**29.99**	**0.00**	**28.63**	**28.81**	**0.00**	**20.05**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5400e-003	9.5000e-004	0.0824	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**2.5400e-003**	**9.5000e-004**	**0.0824**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5400e-003	9.5000e-004	0.0824	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**2.5400e-003**	**9.5000e-004**	**0.0824**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

	ROG	NOx	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	P7 Site Preparation (mo. 1)	Site Preparation	8/1/2022	8/31/2022	5	23	
2	P7 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2022	11/30/2022	5	65	
3	P7 Architectural Coating	Architectural Coating	11/1/2022	12/31/2022	5	44	
4	P8 Site Preparation (mo. 1)	Site Preparation	12/1/2022	12/31/2022	5	22	
5	P7 Building Construction 2 (mo. 5)	Building Construction	12/1/2022	12/31/2022	5	22	
6	P8 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2023	3/1/2023	5	43	
7	P9 Site Preparation (mo. 1)	Site Preparation	3/1/2023	3/31/2023	5	23	
8	P8 Architectural Coating	Architectural Coating	3/1/2023	4/30/2023	5	43	
9	P8 Building Construction 2 (mo. 5)	Building Construction	4/1/2023	4/30/2023	5	20	
10	P9 Building Construction 1 (mo. 2-4)	Building Construction	4/1/2023	6/30/2023	5	65	
11	P9 Architectural Coating	Architectural Coating	6/1/2023	7/31/2023	5	43	
12	P10 Site Preparation (mo. 1)	Site Preparation	7/1/2023	7/31/2023	5	21	
13	P9 Building Construction 2 (mo. 5)	Building Construction	7/1/2023	7/31/2023	5	21	
14	P10 Building Construction 1 (mo. 2-4)	Building Construction	8/1/2023	10/31/2023	5	66	
15	P10 Architectural Coating	Architectural Coating	10/1/2023	11/30/2023	5	44	
16	P11 Site Preparation (mo. 1)	Site Preparation	11/1/2023	11/30/2023	5	22	
17	P10 Building Construction 2 (mo. 5)	Building Construction	11/1/2023	11/30/2023	5	22	
18	P11 Building Construction 1 (mo. 2-4)	Building Construction	12/1/2023	2/28/2024	5	64	
19	P11 Architectural Coating	Architectural Coating	2/1/2024	3/31/2024	5	42	
20	P11 Building Construction 2 (mo. 5)	Building Construction	3/1/2024	3/31/2024	5	21	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 649,328; Residential Outdoor: 216,443; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P7 Architectural Coating	Air Compressors	2	8.00	78	0.48
P7 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P7 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P7 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P7 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P7 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P7 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P7 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P7 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P8 Architectural Coating	Air Compressors	2	8.00	78	0.48
P8 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P8 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	221	0.50
P8 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P8 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P8 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P8 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P8 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P8 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P8 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P8 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P9 Architectural Coating	Air Compressors	2	8.00	78	0.48
P9 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P9 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	221	0.50
P9 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P9 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40

P9 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P9 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P9 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P9 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P9 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P9 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P10 Architectural Coating	Air Compressors	2	8.00	78	0.48
P10 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P10 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P10 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P10 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P10 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P10 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P10 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P10 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P10 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P10 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P11 Architectural Coating	Air Compressors	2	8.00	78	0.48
P11 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P11 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P11 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P11 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P11 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P11 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P11 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P11 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P11 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P11 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50

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
P7 Site Preparation (mo. 1)	5	40.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 1 (mo. 2-	2	40.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 2 (mo. 5)	3	40.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Architectural Coating	2	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Site Preparation (mo. 1)	5	14.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 1 (mo. 2-	2	13.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 2 (mo. 5)	3	13.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Architectural Coating	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Site Preparation (mo. 1)	5	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Building Construction 1 (mo. 2-	2	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Building Construction 2 (mo. 5)	3	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Site Preparation (mo. 1)	5	14.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Building Construction 1 (mo. 2-	2	13.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Building Construction 2 (mo. 5)	3	13.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Architectural Coating	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P11 Site Preparation (mo. 1)	5	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P11 Building Construction 1 (mo. 2-	2	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P11 Building Construction 2 (mo. 5)	3	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P11 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	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

Clean Paved Roads

3.2 P7 Site Preparation (mo. 1) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5072	0.0000	0.5072	0.0548	0.0000	0.0548			0.0000			0.0000
Off-Road	1.2591	12.9029	9.7482	0.0194		0.6112	0.6112		0.5759	0.5759		1,842.1705	1,842.1705	0.4150		1,852.5453
Total	**1.2591**	**12.9029**	**9.7482**	**0.0194**	**0.5072**	**0.6112**	**1.1184**	**0.0548**	**0.5759**	**0.6306**		**1,842.1705**	**1,842.1705**	**0.4150**		**1,852.5453**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0337	1.1548	0.2949	3.2100e-003	2.6585	2.2100e-003	2.6607	0.2804	2.1100e-003	0.2825		346.3365	346.3365	0.0242		346.9419
Worker	0.1308	0.0820	0.9866	3.1500e-003	13.0382	2.2200e-003	13.0404	1.3546	2.0500e-003	1.3566		313.8239	313.8239	8.5200e-003		314.0370
Total	**0.1645**	**1.2368**	**1.2815**	**6.3600e-003**	**15.6966**	**4.4300e-003**	**15.7011**	**1.6350**	**4.1600e-003**	**1.6391**		**660.1604**	**660.1604**	**0.0327**		**660.9789**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1978	0.0000	0.1978	0.0214	0.0000	0.0214			0.0000			0.0000
Off-Road	1.2591	12.9029	9.7482	0.0194		0.6112	0.6112		0.5759	0.5759	0.0000	1,842.1705	1,842.1705	0.4150		1,852.5453
Total	**1.2591**	**12.9029**	**9.7482**	**0.0194**	**0.1978**	**0.6112**	**0.8090**	**0.0214**	**0.5759**	**0.5972**	**0.0000**	**1,842.1705**	**1,842.1705**	**0.4150**		**1,852.5453**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0337	1.1548	0.2949	3.2100e-003	1.8849	2.2100e-003	1.8872	0.2032	2.1100e-003	0.2053		346.3365	346.3365	0.0242		346.9419
Worker	0.1308	0.0820	0.9866	3.1500e-003	9.2236	2.2200e-003	9.2258	0.9739	2.0500e-003	0.9760		313.8239	313.8239	8.5200e-003		314.0370
Total	**0.1645**	**1.2368**	**1.2815**	**6.3600e-003**	**11.1085**	**4.4300e-003**	**11.1130**	**1.1771**	**4.1600e-003**	**1.1813**		**660.1604**	**660.1604**	**0.0327**		**660.9789**

3.3 P7 Building Construction 1 (mo. 2-4) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2766	3.1560	4.5263	6.5600e-003		0.1417	0.1417		0.1304	0.1304		634.9934	634.9934	0.2054		640.1277
Total	**0.2766**	**3.1560**	**4.5263**	**6.5600e-003**		**0.1417**	**0.1417**		**0.1304**	**0.1304**		**634.9934**	**634.9934**	**0.2054**		**640.1277**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0337	1.1548	0.2949	3.2100e-003	2.6585	2.2100e-003	2.6607	0.2804	2.1100e-003	0.2825		346.3365	346.3365	0.0242		346.9419
Worker	0.1308	0.0820	0.9866	3.1500e-003	13.0382	2.2200e-003	13.0404	1.3546	2.0500e-003	1.3566		313.8239	313.8239	8.5200e-003		314.0370
Total	**0.1645**	**1.2368**	**1.2815**	**6.3600e-003**	**15.6966**	**4.4300e-003**	**15.7011**	**1.6350**	**4.1600e-003**	**1.6391**		**660.1604**	**660.1604**	**0.0327**		**660.9789**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2766	3.1560	4.5263	6.5600e-003		0.1417	0.1417		0.1304	0.1304	0.0000	634.9934	634.9934	0.2054		640.1277
Total	**0.2766**	**3.1560**	**4.5263**	**6.5600e-003**		**0.1417**	**0.1417**		**0.1304**	**0.1304**	**0.0000**	**634.9934**	**634.9934**	**0.2054**		**640.1277**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0337	1.1548	0.2949	3.2100e-003	1.8849	2.2100e-003	1.8872	0.2032	2.1100e-003	0.2053		346.3365	346.3365	0.0242		346.9419
Worker	0.1308	0.0820	0.9866	3.1500e-003	9.2236	2.2200e-003	9.2258	0.9739	2.0500e-003	0.9760		313.8239	313.8239	8.5200e-003		314.0370
Total	**0.1645**	**1.2368**	**1.2815**	**6.3600e-003**	**11.1085**	**4.4300e-003**	**11.1130**	**1.1771**	**4.1600e-003**	**1.1813**		**660.1604**	**660.1604**	**0.0327**		**660.9789**

3.4 P7 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	57.0007					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5454	3.7560	4.8363	7.9200e-003		0.2179	0.2179		0.2179	0.2179		750.5281	750.5281	0.0489		751.7497
Total	**57.5461**	**3.7560**	**4.8363**	**7.9200e-003**		**0.2179**	**0.2179**		**0.2179**	**0.2179**		**750.5281**	**750.5281**	**0.0489**		**751.7497**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0262	0.0164	0.1973	6.3000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.1000e-004	0.2713		62.7648	62.7648	1.7000e-003		62.8074
Total	**0.0374**	**0.4013**	**0.2956**	**1.7000e-003**	**3.4938**	**1.1800e-003**	**3.4950**	**0.3644**	**1.1100e-003**	**0.3655**		**178.2103**	**178.2103**	**9.7700e-003**		**178.4547**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	57.0007					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5454	3.7560	4.8363	7.9200e-003		0.2179	0.2179		0.2179	0.2179	0.0000	750.5281	750.5281	0.0489		751.7497
Total	**57.5461**	**3.7560**	**4.8363**	**7.9200e-003**		**0.2179**	**0.2179**		**0.2179**	**0.2179**	**0.0000**	**750.5281**	**750.5281**	**0.0489**		**751.7497**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.6283	7.4000e-004	0.6291	0.0677	7.0000e-004	0.0684		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0262	0.0164	0.1973	6.3000e-004	1.8447	4.4000e-004	1.8452	0.1948	4.1000e-004	0.1952		62.7648	62.7648	1.7000e-003		62.8074
Total	**0.0374**	**0.4013**	**0.2956**	**1.7000e-003**	**2.4730**	**1.1800e-003**	**2.4742**	**0.2625**	**1.1100e-003**	**0.2636**		**178.2103**	**178.2103**	**9.7700e-003**		**178.4547**

3.5 P8 Site Preparation (mo. 1) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.2591	12.9029	9.7482	0.0194		0.6112	0.6112		0.5759	0.5759		1,842.1705	1,842.1705	0.4150		1,852.5453
Total	**1.2591**	**12.9029**	**9.7482**	**0.0194**	**0.5303**	**0.6112**	**1.1414**	**0.0573**	**0.5759**	**0.6331**		**1,842.1705**	**1,842.1705**	**0.4150**		**1,852.5453**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0458	0.0287	0.3453	1.1000e-003	4.5634	7.8000e-004	4.5641	0.4741	7.2000e-004	0.4748		109.8384	109.8384	2.9800e-003		109.9129
Total	**0.0570**	**0.4136**	**0.4436**	**2.1700e-003**	**5.4495**	**1.5200e-003**	**5.4510**	**0.5676**	**1.4200e-003**	**0.5690**		**225.2839**	**225.2839**	**0.0111**		**225.5603**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	1.2591	12.9029	9.7482	0.0194		0.6112	0.6112		0.5759	0.5759	0.0000	1,842.1705	1,842.1705	0.4150		1,852.5453
Total	**1.2591**	**12.9029**	**9.7482**	**0.0194**	**0.2068**	**0.6112**	**0.8180**	**0.0223**	**0.5759**	**0.5982**	**0.0000**	**1,842.1705**	**1,842.1705**	**0.4150**		**1,852.5453**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.6283	7.4000e-004	0.6291	0.0677	7.0000e-004	0.0684		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0458	0.0287	0.3453	1.1000e-003	3.2283	7.8000e-004	3.2290	0.3409	7.2000e-004	0.3416		109.8384	109.8384	2.9800e-003		109.9129
Total	**0.0570**	**0.4136**	**0.4436**	**2.1700e-003**	**3.8566**	**1.5200e-003**	**3.8581**	**0.4086**	**1.4200e-003**	**0.4100**		**225.2839**	**225.2839**	**0.0111**		**225.5603**

3.6 P7 Building Construction 2 (mo. 5) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2402	2.7771	3.9840	6.2300e-003		0.1005	0.1005		0.0936	0.0936		584.6621	584.6621	0.1780		589.1120
Total	**0.2402**	**2.7771**	**3.9840**	**6.2300e-003**		**0.1005**	**0.1005**		**0.0936**	**0.0936**		**584.6621**	**584.6621**	**0.1780**		**589.1120**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0337	1.1548	0.2949	3.2100e-003	2.6585	2.2100e-003	2.6607	0.2804	2.1100e-003	0.2825		346.3365	346.3365	0.0242		346.9419
Worker	0.1308	0.0820	0.9866	3.1500e-003	13.0382	2.2200e-003	13.0404	1.3546	2.0500e-003	1.3566		313.8239	313.8239	8.5200e-003		314.0370
Total	**0.1645**	**1.2368**	**1.2815**	**6.3600e-003**	**15.6966**	**4.4300e-003**	**15.7011**	**1.6350**	**4.1600e-003**	**1.6391**		**660.1604**	**660.1604**	**0.0327**		**660.9789**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2402	2.7771	3.9840	6.2300e-003		0.1005	0.1005		0.0936	0.0936	0.0000	584.6621	584.6621	0.1780		589.1120
Total	**0.2402**	**2.7771**	**3.9840**	**6.2300e-003**		**0.1005**	**0.1005**		**0.0936**	**0.0936**	**0.0000**	**584.6621**	**584.6621**	**0.1780**		**589.1120**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0337	1.1548	0.2949	3.2100e-003	1.8849	2.2100e-003	1.8872	0.2032	2.1100e-003	0.2053		346.3365	346.3365	0.0242		346.9419
Worker	0.1308	0.0820	0.9866	3.1500e-003	9.2236	2.2200e-003	9.2258	0.9739	2.0500e-003	0.9760		313.8239	313.8239	8.5200e-003		314.0370
Total	**0.1645**	**1.2368**	**1.2815**	**6.3600e-003**	**11.1085**	**4.4300e-003**	**11.1130**	**1.1771**	**4.1600e-003**	**1.1813**		**660.1604**	**660.1604**	**0.0327**		**660.9789**

3.7 P8 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4353	4.4936	4.5248	0.0129		0.1572	0.1572		0.1446	0.1446		1,249.2963	1,249.2963	0.4041		1,259.3974
Total	**0.4353**	**4.4936**	**4.5248**	**0.0129**		**0.1572**	**0.1572**		**0.1446**	**0.1446**		**1,249.2963**	**1,249.2963**	**0.4041**		**1,259.3974**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0403	0.0243	0.2978	9.8000e-004	4.2374	7.1000e-004	4.2381	0.4402	6.5000e-004	0.4409		98.0937	98.0937	2.5400e-003		98.1571
Total	**0.0489**	**0.3274**	**0.3879**	**2.0200e-003**	**5.1236**	**1.0700e-003**	**5.1246**	**0.5337**	**9.9000e-004**	**0.5347**		**210.6205**	**210.6205**	**9.9300e-003**		**210.8687**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4353	4.4936	4.5248	0.0129		0.1572	0.1572		0.1446	0.1446	0.0000	1,249.2963	1,249.2963	0.4041		1,259.3974
Total	**0.4353**	**4.4936**	**4.5248**	**0.0129**		**0.1572**	**0.1572**		**0.1446**	**0.1446**	**0.0000**	**1,249.2963**	**1,249.2963**	**0.4041**		**1,259.3974**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0403	0.0243	0.2978	9.8000e-004	2.9977	7.1000e-004	2.9984	0.3165	6.5000e-004	0.3172		98.0937	98.0937	2.5400e-003		98.1571
Total	**0.0489**	**0.3274**	**0.3879**	**2.0200e-003**	**3.6260**	**1.0700e-003**	**3.6270**	**0.3843**	**9.9000e-004**	**0.3853**		**210.6205**	**210.6205**	**9.9300e-003**		**210.8687**

3.8 P9 Site Preparation (mo. 1) - 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					0.4611	0.0000	0.4611	0.0498	0.0000	0.0498			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**1.1818**	**11.8719**	**9.7037**	**0.0194**	**0.4611**	**0.5535**	**1.0146**	**0.0498**	**0.5211**	**0.5709**		**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0248	0.0150	0.1833	6.1000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0291**	**0.1665**	**0.2283**	**1.1300e-003**	**3.0507**	**6.2000e-004**	**3.0513**	**0.3177**	**5.7000e-004**	**0.3182**		**116.6288**	**116.6288**	**5.2600e-003**		**116.7602**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1798	0.0000	0.1798	0.0194	0.0000	0.0194			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**1.1818**	**11.8719**	**9.7037**	**0.0194**	**0.1798**	**0.5535**	**0.7333**	**0.0194**	**0.5211**	**0.5405**	**0.0000**	**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.3142	1.8000e-004	0.3143	0.0339	1.7000e-004	0.0340		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0248	0.0150	0.1833	6.1000e-004	1.8447	4.4000e-004	1.8452	0.1948	4.0000e-004	0.1952		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0291**	**0.1665**	**0.2283**	**1.1300e-003**	**2.1589**	**6.2000e-004**	**2.1595**	**0.2287**	**5.7000e-004**	**0.2292**		**116.6288**	**116.6288**	**5.2600e-003**		**116.7602**

3.9 P8 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	18.7477					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507
Total	**19.2588**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**		**750.5281**	**750.5281**	**0.0449**		**751.6507**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**2.1900**	**5.8000e-004**	**2.1906**	**0.2289**	**5.4000e-004**	**0.2295**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.7477					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889	0.0000	750.5281	750.5281	0.0449		751.6507
Total	**19.2588**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**	**0.0000**	**750.5281**	**750.5281**	**0.0449**		**751.6507**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**1.5507**	**5.8000e-004**	**1.5513**	**0.1651**	**5.4000e-004**	**0.1657**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

3.10 P8 Building Construction 2 (mo. 5) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826		584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**		**584.8060**	**584.8060**	**0.1780**		**589.2571**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0403	0.0243	0.2978	9.8000e-004	4.2374	7.1000e-004	4.2381	0.4402	6.5000e-004	0.4409		98.0937	98.0937	2.5400e-003		98.1571
Total	**0.0489**	**0.3274**	**0.3879**	**2.0200e-003**	**5.1236**	**1.0700e-003**	**5.1246**	**0.5337**	**9.9000e-004**	**0.5347**		**210.6205**	**210.6205**	**9.9300e-003**		**210.8687**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826	0.0000	584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**	**0.0000**	**584.8060**	**584.8060**	**0.1780**		**589.2571**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0403	0.0243	0.2978	9.8000e-004	2.9977	7.1000e-004	2.9984	0.3165	6.5000e-004	0.3172		98.0937	98.0937	2.5400e-003		98.1571
Total	**0.0489**	**0.3274**	**0.3879**	**2.0200e-003**	**3.6260**	**1.0700e-003**	**3.6270**	**0.3843**	**9.9000e-004**	**0.3853**		**210.6205**	**210.6205**	**9.9300e-003**		**210.8687**

3.11 P9 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4353	4.4936	4.5248	0.0129		0.1572	0.1572		0.1446	0.1446		1,249.2963	1,249.2963	0.4041		1,259.3974
Total	**0.4353**	**4.4936**	**4.5248**	**0.0129**		**0.1572**	**0.1572**		**0.1446**	**0.1446**		**1,249.2963**	**1,249.2963**	**0.4041**		**1,259.3974**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0248	0.0150	0.1833	6.1000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0291**	**0.1665**	**0.2283**	**1.1300e-003**	**3.0507**	**6.2000e-004**	**3.0513**	**0.3177**	**5.7000e-004**	**0.3182**		**116.6288**	**116.6288**	**5.2600e-003**		**116.7602**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4353	4.4936	4.5248	0.0129		0.1572	0.1572		0.1446	0.1446	0.0000	1,249.2963	1,249.2963	0.4041		1,259.3974
Total	**0.4353**	**4.4936**	**4.5248**	**0.0129**		**0.1572**	**0.1572**		**0.1446**	**0.1446**	**0.0000**	**1,249.2963**	**1,249.2963**	**0.4041**		**1,259.3974**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.3142	1.8000e-004	0.3143	0.0339	1.7000e-004	0.0340		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0248	0.0150	0.1833	6.1000e-004	1.8447	4.4000e-004	1.8452	0.1948	4.0000e-004	0.1952		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0291**	**0.1665**	**0.2283**	**1.1300e-003**	**2.1589**	**6.2000e-004**	**2.1595**	**0.2287**	**5.7000e-004**	**0.2292**		**116.6288**	**116.6288**	**5.2600e-003**		**116.7602**

3.12 P9 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	11.9777					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507
Total	**12.4888**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**		**750.5281**	**750.5281**	**0.0449**		**751.6507**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.0913	15.0913	3.9000e-004		15.1011
Total	**0.0149**	**0.3068**	**0.1359**	**1.1900e-003**	**1.5381**	**4.7000e-004**	**1.5385**	**0.1612**	**4.4000e-004**	**0.1616**		**127.6182**	**127.6182**	**7.7800e-003**		**127.8127**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	11.9777					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889	0.0000	750.5281	750.5281	0.0449		751.6507
Total	**12.4888**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**	**0.0000**	**750.5281**	**750.5281**	**0.0449**		**751.6507**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.4612	1.1000e-004	0.4613	0.0487	1.0000e-004	0.0488		15.0913	15.0913	3.9000e-004		15.1011
Total	**0.0149**	**0.3068**	**0.1359**	**1.1900e-003**	**1.0895**	**4.7000e-004**	**1.0900**	**0.1164**	**4.4000e-004**	**0.1169**		**127.6182**	**127.6182**	**7.7800e-003**		**127.8127**

3.13 P10 Site Preparation (mo. 1) - 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					0.5050	0.0000	0.5050	0.0545	0.0000	0.0545			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**1.1818**	**11.8719**	**9.7037**	**0.0194**	**0.5050**	**0.5535**	**1.0585**	**0.0545**	**0.5211**	**0.5757**		**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0434	0.0262	0.3208	1.0600e-003	4.5634	7.6000e-004	4.5641	0.4741	7.0000e-004	0.4748		105.6394	105.6394	2.7300e-003		105.7077
Total	**0.0520**	**0.3292**	**0.4108**	**2.1000e-003**	**5.4495**	**1.1200e-003**	**5.4506**	**0.5676**	**1.0400e-003**	**0.5686**		**218.1662**	**218.1662**	**0.0101**		**218.4192**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1970	0.0000	0.1970	0.0213	0.0000	0.0213			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**1.1818**	**11.8719**	**9.7037**	**0.0194**	**0.1970**	**0.5535**	**0.7504**	**0.0213**	**0.5211**	**0.5424**	**0.0000**	**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0434	0.0262	0.3208	1.0600e-003	3.2283	7.6000e-004	3.2290	0.3409	7.0000e-004	0.3416		105.6394	105.6394	2.7300e-003		105.7077
Total	**0.0520**	**0.3292**	**0.4108**	**2.1000e-003**	**3.8566**	**1.1200e-003**	**3.8577**	**0.4086**	**1.0400e-003**	**0.4097**		**218.1662**	**218.1662**	**0.0101**		**218.4192**

3.14 P9 Building Construction 2 (mo. 5) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826		584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**		**584.8060**	**584.8060**	**0.1780**		**589.2571**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0248	0.0150	0.1833	6.1000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0291**	**0.1665**	**0.2283**	**1.1300e-003**	**3.0507**	**6.2000e-004**	**3.0513**	**0.3177**	**5.7000e-004**	**0.3182**		**116.6288**	**116.6288**	**5.2600e-003**		**116.7602**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826	0.0000	584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**	**0.0000**	**584.8060**	**584.8060**	**0.1780**		**589.2571**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.3142	1.8000e-004	0.3143	0.0339	1.7000e-004	0.0340		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0248	0.0150	0.1833	6.1000e-004	1.8447	4.4000e-004	1.8452	0.1948	4.0000e-004	0.1952		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0291**	**0.1665**	**0.2283**	**1.1300e-003**	**2.1589**	**6.2000e-004**	**2.1595**	**0.2287**	**5.7000e-004**	**0.2292**		**116.6288**	**116.6288**	**5.2600e-003**		**116.7602**

3.15 P10 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173
Total	**0.2571**	**2.9351**	**4.5186**	**6.5600e-003**		**0.1208**	**0.1208**		**0.1111**	**0.1111**		**635.3800**	**635.3800**	**0.2055**		**640.5173**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0403	0.0243	0.2978	9.8000e-004	4.2374	7.1000e-004	4.2381	0.4402	6.5000e-004	0.4409		98.0937	98.0937	2.5400e-003		98.1571
Total	**0.0489**	**0.3274**	**0.3879**	**2.0200e-003**	**5.1236**	**1.0700e-003**	**5.1246**	**0.5337**	**9.9000e-004**	**0.5347**		**210.6205**	**210.6205**	**9.9300e-003**		**210.8687**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111	0.0000	635.3800	635.3800	0.2055		640.5173
Total	**0.2571**	**2.9351**	**4.5186**	**6.5600e-003**		**0.1208**	**0.1208**		**0.1111**	**0.1111**	**0.0000**	**635.3800**	**635.3800**	**0.2055**		**640.5173**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0403	0.0243	0.2978	9.8000e-004	2.9977	7.1000e-004	2.9984	0.3165	6.5000e-004	0.3172		98.0937	98.0937	2.5400e-003		98.1571
Total	**0.0489**	**0.3274**	**0.3879**	**2.0200e-003**	**3.6260**	**1.0700e-003**	**3.6270**	**0.3843**	**9.9000e-004**	**0.3853**		**210.6205**	**210.6205**	**9.9300e-003**		**210.8687**

3.16 P10 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	18.3217					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507
Total	**18.8327**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**		**750.5281**	**750.5281**	**0.0449**		**751.6507**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**2.1900**	**5.8000e-004**	**2.1906**	**0.2289**	**5.4000e-004**	**0.2295**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.3217					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889	0.0000	750.5281	750.5281	0.0449		751.6507
Total	**18.8327**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**	**0.0000**	**750.5281**	**750.5281**	**0.0449**		**751.6507**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**1.5507**	**5.8000e-004**	**1.5513**	**0.1651**	**5.4000e-004**	**0.1657**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

3.17 P11 Site Preparation (mo. 1) - 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					0.5062	0.0000	0.5062	0.0547	0.0000	0.0547			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**1.1818**	**11.8719**	**9.7037**	**0.0194**	**0.5062**	**0.5535**	**1.0596**	**0.0547**	**0.5211**	**0.5758**		**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0310	0.0187	0.2291	7.6000e-004	3.2596	5.4000e-004	3.2601	0.3387	5.0000e-004	0.3392		75.4567	75.4567	1.9500e-003		75.5055
Total	**0.0396**	**0.3218**	**0.3192**	**1.8000e-003**	**4.1457**	**9.0000e-004**	**4.1466**	**0.4321**	**8.4000e-004**	**0.4330**		**187.9835**	**187.9835**	**9.3400e-003**		**188.2170**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1974	0.0000	0.1974	0.0213	0.0000	0.0213			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**1.1818**	**11.8719**	**9.7037**	**0.0194**	**0.1974**	**0.5535**	**0.7509**	**0.0213**	**0.5211**	**0.5424**	**0.0000**	**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0310	0.0187	0.2291	7.6000e-004	2.3059	5.4000e-004	2.3064	0.2435	5.0000e-004	0.2440		75.4567	75.4567	1.9500e-003		75.5055
Total	**0.0396**	**0.3218**	**0.3192**	**1.8000e-003**	**2.9342**	**9.0000e-004**	**2.9351**	**0.3112**	**8.4000e-004**	**0.3121**		**187.9835**	**187.9835**	**9.3400e-003**		**188.2170**

3.18 P10 Building Construction 2 (mo. 5) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826		584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**		**584.8060**	**584.8060**	**0.1780**		**589.2571**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0403	0.0243	0.2978	9.8000e-004	4.2374	7.1000e-004	4.2381	0.4402	6.5000e-004	0.4409		98.0937	98.0937	2.5400e-003		98.1571
Total	**0.0489**	**0.3274**	**0.3879**	**2.0200e-003**	**5.1236**	**1.0700e-003**	**5.1246**	**0.5337**	**9.9000e-004**	**0.5347**		**210.6205**	**210.6205**	**9.9300e-003**		**210.8687**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826	0.0000	584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**	**0.0000**	**584.8060**	**584.8060**	**0.1780**		**589.2571**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0403	0.0243	0.2978	9.8000e-004	2.9977	7.1000e-004	2.9984	0.3165	6.5000e-004	0.3172		98.0937	98.0937	2.5400e-003		98.1571
Total	**0.0489**	**0.3274**	**0.3879**	**2.0200e-003**	**3.6260**	**1.0700e-003**	**3.6270**	**0.3843**	**9.9000e-004**	**0.3853**		**210.6205**	**210.6205**	**9.9300e-003**		**210.8687**

3.19 P11 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173
Total	**0.2571**	**2.9351**	**4.5186**	**6.5600e-003**		**0.1208**	**0.1208**		**0.1111**	**0.1111**		**635.3800**	**635.3800**	**0.2055**		**640.5173**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0310	0.0187	0.2291	7.6000e-004	3.2596	5.4000e-004	3.2601	0.3387	5.0000e-004	0.3392		75.4567	75.4567	1.9500e-003		75.5055
Total	**0.0396**	**0.3218**	**0.3192**	**1.8000e-003**	**4.1457**	**9.0000e-004**	**4.1466**	**0.4321**	**8.4000e-004**	**0.4330**		**187.9835**	**187.9835**	**9.3400e-003**		**188.2170**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111	0.0000	635.3800	635.3800	0.2055		640.5173
Total	**0.2571**	**2.9351**	**4.5186**	**6.5600e-003**		**0.1208**	**0.1208**		**0.1111**	**0.1111**	**0.0000**	**635.3800**	**635.3800**	**0.2055**		**640.5173**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0310	0.0187	0.2291	7.6000e-004	2.3059	5.4000e-004	2.3064	0.2435	5.0000e-004	0.2440		75.4567	75.4567	1.9500e-003		75.5055
Total	**0.0396**	**0.3218**	**0.3192**	**1.8000e-003**	**2.9342**	**9.0000e-004**	**2.9351**	**0.3112**	**8.4000e-004**	**0.3121**		**187.9835**	**187.9835**	**9.3400e-003**		**188.2170**

3.19 P11 Building Construction 1 (mo. 2-4) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990		635.5030	635.5030	0.2055		640.6413
Total	**0.2463**	**2.7985**	**4.5247**	**6.5700e-003**		**0.1076**	**0.1076**		**0.0990**	**0.0990**		**635.5030**	**635.5030**	**0.2055**		**640.6413**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0294	0.0172	0.2142	7.3000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.9000e-004	0.3391		72.4837	72.4837	1.7900e-003		72.5285
Total	**0.0378**	**0.3160**	**0.3015**	**1.7600e-003**	**4.1457**	**8.8000e-004**	**4.1466**	**0.4321**	**8.2000e-004**	**0.4329**		**184.2868**	**184.2868**	**9.1000e-003**		**184.5142**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990	0.0000	635.5030	635.5030	0.2055		640.6413
Total	**0.2463**	**2.7985**	**4.5247**	**6.5700e-003**		**0.1076**	**0.1076**		**0.0990**	**0.0990**	**0.0000**	**635.5030**	**635.5030**	**0.2055**		**640.6413**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.6283	3.5000e-004	0.6287	0.0677	3.3000e-004	0.0681		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0294	0.0172	0.2142	7.3000e-004	2.3059	5.3000e-004	2.3064	0.2435	4.9000e-004	0.2440		72.4837	72.4837	1.7900e-003		72.5285
Total	**0.0378**	**0.3160**	**0.3015**	**1.7600e-003**	**2.9342**	**8.8000e-004**	**2.9351**	**0.3112**	**8.2000e-004**	**0.3121**		**184.2868**	**184.2868**	**9.1000e-003**		**184.5142**

3.20 P11 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	15.4619					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	**15.9440**	**3.2501**	**4.8270**	**7.9200e-003**		**0.1624**	**0.1624**		**0.1624**	**0.1624**		**750.5281**	**750.5281**	**0.0423**		**751.5847**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.4967	14.4967	3.6000e-004		14.5057
Total	**0.0143**	**0.3022**	**0.1301**	**1.1800e-003**	**1.5381**	**4.6000e-004**	**1.5385**	**0.1612**	**4.3000e-004**	**0.1616**		**126.2998**	**126.2998**	**7.6700e-003**		**126.4914**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	15.4619					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624	0.0000	750.5281	750.5281	0.0423		751.5847
Total	**15.9440**	**3.2501**	**4.8270**	**7.9200e-003**		**0.1624**	**0.1624**		**0.1624**	**0.1624**	**0.0000**	**750.5281**	**750.5281**	**0.0423**		**751.5847**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.6283	3.5000e-004	0.6287	0.0677	3.3000e-004	0.0681		111.8031	111.8031	7.3100e-003		111.9857
Worker	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.4612	1.1000e-004	0.4613	0.0487	1.0000e-004	0.0488		14.4967	14.4967	3.6000e-004		14.5057
Total	**0.0143**	**0.3022**	**0.1301**	**1.1800e-003**	**1.0895**	**4.6000e-004**	**1.0900**	**0.1164**	**4.3000e-004**	**0.1169**		**126.2998**	**126.2998**	**7.6700e-003**		**126.4914**

3.21 P11 Building Construction 2 (mo. 5) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2235	2.5449	3.9819	6.2300e-003		0.0820	0.0820		0.0766	0.0766		584.8198	584.8198	0.1781		589.2710
Total	**0.2235**	**2.5449**	**3.9819**	**6.2300e-003**		**0.0820**	**0.0820**		**0.0766**	**0.0766**		**584.8198**	**584.8198**	**0.1781**		**589.2710**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0294	0.0172	0.2142	7.3000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.9000e-004	0.3391		72.4837	72.4837	1.7900e-003		72.5285
Total	**0.0378**	**0.3160**	**0.3015**	**1.7600e-003**	**4.1457**	**8.8000e-004**	**4.1466**	**0.4321**	**8.2000e-004**	**0.4329**		**184.2868**	**184.2868**	**9.1000e-003**		**184.5142**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2235	2.5449	3.9819	6.2300e-003		0.0820	0.0820		0.0766	0.0766	0.0000	584.8198	584.8198	0.1781		589.2710
Total	**0.2235**	**2.5449**	**3.9819**	**6.2300e-003**		**0.0820**	**0.0820**		**0.0766**	**0.0766**	**0.0000**	**584.8198**	**584.8198**	**0.1781**		**589.2710**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.6283	3.5000e-004	0.6287	0.0677	3.3000e-004	0.0681		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0294	0.0172	0.2142	7.3000e-004	2.3059	5.3000e-004	2.3064	0.2435	4.9000e-004	0.2440		72.4837	72.4837	1.7900e-003		72.5285
Total	**0.0378**	**0.3160**	**0.3015**	**1.7600e-003**	**2.9342**	**8.8000e-004**	**2.9351**	**0.3112**	**8.2000e-004**	**0.3121**		**184.2868**	**184.2868**	**9.1000e-003**		**184.5142**

CalEEMod Version: CalEEMod.2016.3.1

Date: 8/22/2017 10:36 AM

Central Village Residential P7-P11

San Diego County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
P10 Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P10 Building Construction 1 (mo. 2-4)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P10 Building Construction 2 (mo. 5)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P10 Site Preparation (mo. 1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P11 Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P11 Building Construction 1 (mo. 2-4)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P11 Building Construction 2 (mo. 5)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P11 Site Preparation (mo. 1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P7 Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 1 (mo. 2-4)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 2 (mo. 5)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P7 Site Preparation (mo. 1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P8 Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P8 Building Construction 1 (mo. 2-4)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P8 Building Construction 2 (mo. 5)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P8 Site Preparation (mo. 1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P9 Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P9 Building Construction 1 (mo. 2-4)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P9 Building Construction 2 (mo. 5)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P9 Site Preparation (mo. 1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	Tier 4 Interim	0	10	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 4 Interim	0	10	No Change	0.00
Graders	Diesel	Tier 4 Interim	0	5	No Change	0.00
Pumps	Diesel	Tier 4 Interim	0	5	No Change	0.00
Rough Terrain Forklifts	Diesel	Tier 4 Interim	0	10	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	0	10	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	0	5	No Change	0.00
Trenchers	Diesel	Tier 4 Interim	0	5	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	5.53400E-002	3.76740E-001	5.21690E-001	8.60000E-004	2.04800E-002	2.04800E-002	0.00000E+000	7.35337E+001	7.35337E+001	4.43000E-003	0.00000E+000	7.36444E+001
Cement and Mortar Mixers	6.38000E-003	3.99500E-002	3.34600E-002	8.00000E-005	1.55000E-003	1.55000E-003	0.00000E+000	4.97230E+000	4.97230E+000	5.20000E-004	0.00000E+000	4.98520E+000
Graders	2.19900E-002	2.71850E-001	9.46000E-002	3.70000E-004	8.74000E-003	8.04000E-003	0.00000E+000	3.22749E+001	3.22749E+001	1.04400E-002	0.00000E+000	3.25359E+001
Pumps	1.87400E-002	1.57640E-001	2.06900E-001	3.70000E-004	7.95000E-003	7.95000E-003	0.00000E+000	3.13690E+001	3.13690E+001	1.50000E-003	0.00000E+000	3.14066E+001
Rough Terrain Forklifts	2.17900E-002	2.88120E-001	4.67850E-001	7.10000E-004	9.36000E-003	8.61000E-003	0.00000E+000	6.19231E+001	6.19231E+001	2.00300E-002	0.00000E+000	6.24238E+001
Skid Steer Loaders	7.18000E-003	9.55600E-002	1.50370E-001	2.20000E-004	3.32000E-003	3.06000E-003	0.00000E+000	1.97317E+001	1.97317E+001	6.38000E-003	0.00000E+000	1.98912E+001
Tractors/Loaders/Backhoes	3.28200E-002	3.19480E-001	3.38690E-001	8.10000E-004	1.37200E-002	1.26200E-002	0.00000E+000	7.15165E+001	7.15165E+001	2.31300E-002	0.00000E+000	7.20947E+001
Trenchers	1.96300E-002	1.82740E-001	1.44020E-001	1.90000E-004	1.27900E-002	1.17700E-002	0.00000E+000	1.64690E+001	1.64690E+001	5.33000E-003	0.00000E+000	1.66022E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	5.53400E-002	3.76740E-001	5.21690E-001	8.60000E-004	2.04800E-002	2.04800E-002	0.00000E+000	7.35336E+001	7.35336E+001	4.43000E-003	0.00000E+000	7.36443E+001
Cement and Mortar Mixers	6.38000E-003	3.99500E-002	3.34600E-002	8.00000E-005	1.55000E-003	1.55000E-003	0.00000E+000	4.97229E+000	4.97229E+000	5.20000E-004	0.00000E+000	4.98520E+000
Graders	2.19900E-002	2.71850E-001	9.46000E-002	3.70000E-004	8.74000E-003	8.04000E-003	0.00000E+000	3.22749E+001	3.22749E+001	1.04400E-002	0.00000E+000	3.25358E+001
Pumps	1.87400E-002	1.57640E-001	2.06900E-001	3.70000E-004	7.95000E-003	7.95000E-003	0.00000E+000	3.13690E+001	3.13690E+001	1.50000E-003	0.00000E+000	3.14065E+001
Rough Terrain Forklifts	2.17900E-002	2.88120E-001	4.67850E-001	7.10000E-004	9.36000E-003	8.61000E-003	0.00000E+000	6.19230E+001	6.19230E+001	2.00300E-002	0.00000E+000	6.24237E+001
Skid Steer Loaders	7.18000E-003	9.55600E-002	1.50370E-001	2.20000E-004	3.32000E-003	3.06000E-003	0.00000E+000	1.97316E+001	1.97316E+001	6.38000E-003	0.00000E+000	1.98912E+001
Tractors/Loaders/Backhoes	3.28200E-002	3.19480E-001	3.38690E-001	8.10000E-004	1.37200E-002	1.26200E-002	0.00000E+000	7.15164E+001	7.15164E+001	2.31300E-002	0.00000E+000	7.20947E+001
Trenchers	1.96300E-002	1.82740E-001	1.44020E-001	1.90000E-004	1.27900E-002	1.17700E-002	0.00000E+000	1.64690E+001	1.64690E+001	5.33000E-003	0.00000E+000	1.66021E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Percent Reduction											
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.22393E-006	1.22393E-006	0.00000E+000	0.00000E+000	1.22209E-006
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	2.01114E-006	2.01114E-006	0.00000E+000	0.00000E+000	0.00000E+000
Graders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.23935E-006	1.23935E-006	0.00000E+000	0.00000E+000	1.22941E-006
Pumps	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	9.56358E-007	9.56358E-007	0.00000E+000	0.00000E+000	1.27362E-006
Rough Terrain Forklifts	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.13043E-006	1.13043E-006	0.00000E+000	0.00000E+000	1.12137E-006
Skid Steer Loaders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.01360E-006	1.01360E-006	0.00000E+000	0.00000E+000	1.00547E-006
Tractors/Loaders/Backhoes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.11862E-006	1.11862E-006	0.00000E+000	0.00000E+000	1.24836E-006
Trenchers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.21440E-006	1.21440E-006	0.00000E+000	0.00000E+000	1.20466E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	30.00	PM2.5 Reduction	30.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
No	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph)	40.00		
Yes	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
P10 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P10 Architectural Coating	Roads	0.04	0.00	0.03	0.00	0.29	0.28
P10 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P10 Building Construction 1 (mo. 2-4)	Roads	0.15	0.02	0.11	0.01	0.29	0.28
P10 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P10 Building Construction 2 (mo. 5)	Roads	0.05	0.01	0.04	0.00	0.29	0.28
P10 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
P10 Site Preparation (mo. 1)	Roads	0.05	0.01	0.04	0.00	0.29	0.28
P11 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P11 Architectural Coating	Roads	0.03	0.00	0.02	0.00	0.29	0.27
P11 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P11 Building Construction 1 (mo. 2-4)	Roads	0.12	0.01	0.08	0.01	0.29	0.28
P11 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P11 Building Construction 2 (mo. 5)	Roads	0.04	0.00	0.03	0.00	0.29	0.28
P11 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.62
P11 Site Preparation (mo. 1)	Roads	0.04	0.00	0.03	0.00	0.29	0.28
P7 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Architectural Coating	Roads	0.07	0.01	0.05	0.01	0.29	0.28
P7 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 1 (mo. 2-4)	Roads	0.46	0.05	0.32	0.03	0.29	0.28
P7 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 2 (mo. 5)	Roads	0.15	0.02	0.11	0.01	0.29	0.28
P7 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.60
P7 Site Preparation (mo. 1)	Roads	0.16	0.02	0.11	0.01	0.29	0.28
P8 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P8 Architectural Coating	Roads	0.04	0.00	0.03	0.00	0.29	0.28
P8 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P8 Building Construction 1 (mo. 2-4)	Roads	0.10	0.01	0.07	0.01	0.29	0.28

P8 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P8 Building Construction 2 (mo. 5)	Roads	0.05	0.00	0.03	0.00	0.29	0.28
P8 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.60
P8 Site Preparation (mo. 1)	Roads	0.05	0.01	0.04	0.00	0.29	0.28
P9 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P9 Architectural Coating	Roads	0.03	0.00	0.02	0.00	0.29	0.27
P9 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P9 Building Construction 1 (mo. 2-4)	Roads	0.09	0.01	0.06	0.01	0.29	0.28
P9 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P9 Building Construction 2 (mo. 5)	Roads	0.03	0.00	0.02	0.00	0.29	0.28
P9 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
P9 Site Preparation (mo. 1)	Roads	0.03	0.00	0.02	0.00	0.29	0.28

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation Selected	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	-0.01	0.13		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	250.00
No	Use Low VOC Paint (Residential Exterior)	250.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services	
Percent Reduction in Waste Disposed	

CalEEMod Input Matrix
Project Characteristics

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	Central Village Residential P7-P11	--	Project Description
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	8/1/2022	Central Village Schedule	Proctor Valley EIR Assumptions
Operational Year	--	Central Village Schedule	Proctor Valley EIR Assumptions

Table 2: Utility Information			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Select Utility Company	San Diego Gas and Electric	project location	CEC, 2014
CO2 Intensity Factor (lb./Mwh)	--		
CH4 Intensity Factor (lb./Mwh)	default		
N20 Intensity Factor (lb./Mwh)	default		

CalEEMod Input Matrix
Project Characteristics

Table 3: Pollutants			
Pollutant Selection	**Pollutant Full Name**	**Notes**	**Source**
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N20	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Matrix
Construction Phase

Table 5: Construction Phase					
Phase Name	**Phase Type**	**Start Date**	**End Date**	**Days/Week**	**Total Days**
P7 Site Preparation (mo. 1)	Site Preparation	2022/08/01	2022/08/31	5	23
P7 Building Construction 1 (mo. 2-4)	Building Construction	2022/09/01	2022/11/30	5	65
P7 Building Construction 2 (mo. 5)	Building Construction	2022/12/01	2022/12/31	5	22
P7 Architectural Coating	Architectural Coating	2022/11/01	2022/12/31	5	44
P8 Site Preparation (mo. 1)	Site Preparation	2022/12/01	2022/12/31	5	22
P8 Building Construction 1 (mo. 2-4)	Building Construction	2023/01/01	2023/03/01	5	43
P8 Building Construction 2 (mo. 5)	Building Construction	2023/04/01	2023/04/30	5	20
P8 Architectural Coating	Architectural Coating	2023/03/01	2023/04/30	5	43
P9 Site Preparation (mo. 1)	Site Preparation	2023/03/01	2023/03/31	5	23
P9 Building Construction 1 (mo. 2-4)	Building Construction	2023/04/01	2023/06/30	5	65
P9 Building Construction 2 (mo. 5)	Building Construction	2023/07/01	2023/07/31	5	21
P9 Architectural Coating	Architectural Coating	2023/06/01	2023/07/31	5	43
P10 Site Preparation (mo. 1)	Site Preparation	2023/07/01	2023/07/31	5	21
P10 Building Construction 1 (mo. 2-4)	Building Construction	2023/08/01	2023/10/31	5	66
P10 Building Construction 2 (mo. 5)	Building Construction	2023/11/01	2023/11/30	5	22
P10 Architectural Coating	Architectural Coating	2023/10/01	2023/11/30	5	44
P11 Site Preparation (mo. 1)	Site Preparation	2023/11/01	2023/11/30	5	22
P11 Building Construction 1 (mo. 2-4)	Building Construction	2023/12/01	2024/02/28	5	64
P11 Building Construction 2 (mo. 5)	Building Construction	2024/03/01	2024/03/31	5	21
P11 Architectural Coating	Architectural Coating	2024/02/01	2024/03/31	5	42

CalEEMod Input Matrix
Construction Phase

Table 6: Off-Road Equipment					
Phase Name	**Equipment Type**	**Unit Amount**	**Hours/Day**	**Horsepower (hp)**	**Load Factor**
All Phases Site Preparation (mo. 1)	Grader	1	default		
	Skid Steer	1			
	Trencher	1			
	Pump	1			
	Cement Mixer	1			
All Phases Building Construction 1 (mo. 2-4)	Rough Terrain Forklift	1			
	Backhoe	1			
All Phases Building Construction 2 (mo. 5)	Rough Terrain Forklift	1			
	Skid Steer	2			
	Cement Mixer	1			
All Phases Architectural Coating	Air Compressor	2			

Table 7: Dust from Material Movement							
Phase Name	**Material Imported**	**Material Exported**	**Material Import/Export Phased?**	**Mean Vehicle Speed (mph)**	**Total Acres Graded**	**Material Moisture Content (%) Bulldozing**	**Material Silt Content**
Site Prep	default						
Grading							

Table 8: Demolition		
Phase Name	**Size Metric**	**Unit Amount**
default		

Table 9: Construction Trips and VMT									
Phase Name	**# Trips Worker (/day)**	**# Trips Vendor (/day)**	**Total # Trips Hauling**	**Trip Length Worker (miles)**	**Trip Length Worker (miles)**	**Trip Length Hauling (miles)**	**Vehicle Class Worker**	**Vehicle Class Vendor**	**Vehicle Class Hauling**
All Phases Site Preparation (mo. 1)	Refer to Construction VMT worksheet								
All Phases Building Construction 1 (mo. 2-4)									
All Phases Building Construction 2 (mo. 5)									

CalEEMod Input Matrix
Construction Phase

All Phases Architectural Coating	

Table 10: On-Road Fugitive Dust								
Phase Name	**% Pave Worker**	**% Pave Vendor**	**% Pave Hauling**	**Road Silt Loading (g/m2)**	**Material Silt Content (%)**	**Material Moisture Content (%)**	**Average Vehicle Weight (tons)**	**Mean Vehicle Speed (mph)**
All Phases Site Preparation (mo. 1)	98		default					
All Phases Building Construction 1 (mo. 2-4)								
All Phases Building Construction 2 (mo. 5)								
All Phases Paving								
All Phases Architectural Coating								

Table 11: Architectural Coating										
Phase Name	**Residential Interior VOC (g/L)**	**Residential Interior Area (sqft)**	**Residential Exterior VOC (g/L)**	**Residential Exterior Area (sqft)**	**Non-Residential Interior VOC (g/L)**	**Non-Residential Interior Area (sqft)**	**Non-Residential Exterior VOC (g/L)**	**Non-Residential Exterior Area (sqft)**	**VOC for Parking Lot Paint (g/L)**	**Parking Area (sqft)**
P7 Architectural Coating	50	649,328	100	216,443	N/A	0	N/A	0	N/A	default
P8 Architectural Coating	50	208,713	100	69,571	N/A	0	N/A	0	N/A	
P9 Architectural Coating	50	133,344	100	44,448	N/A	0	N/A	0	N/A	
P10 Architectural Coating	50	208,713	100	69,571	N/A	0	N/A	0	N/A	
P11 Architectural Coating	50	168,130	100	56,043	N/A	0	N/A	0	N/A	

CalEEMod Input Matrix
Construction Mobile

Table 12: Vehicle Trips	
Land Use Subtype	**Size Metric**
Refer to VMT Worksheet	

Table 13: Vehicle Emissions
default

Table 14: Fleet Mix													
Land Use Subtype	**LDA**	**LDT1**	**LDT2**	**MDV**	**LHD1**	**LHD2**	**MHD**	**HHD**	**OBUS**	**UBUS**	**MCY**	**SBUS**	**MH**
Single Family Housing	default												

CalEEMod Input Matrix
Construction Mobile

Table 15: Paved Road Dust	
% Pave	default
Road Silt Loading (g/m2)	
Weight (tons)	

Table 16: Paved Road Dust	
Material Silt Content (%)	default
Material Moisture Content (%)	
Mean Vechile Speed (mph)	
CARB Unmitigated Unpaved Road Statewide Emissions Inventory Method	

Tables 17 through 31 pertain to operational emissions and are therefore omitted

CalEEMod Input Matrix
Construction Mitigation

Table 32: Off-Road Equipment						
Equipment Type	**Fuel Type**	**Engine Tier**	**Number of Equipments Mitigated**	**Total Number of Off-road Equipments**	**DPF Level**	**Using Oxidation Catalyst (% Reduction)**
All Tier 4 Interim						

Table 33: Fugitive Dust	
Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	30
PM 2.5 (% Reduction)	30
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	default
PM 2.5 (% Reduction)	
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	15
Clean Paved Road	
% PM Reduction	--

CalEEMod Version: CalEEMod.2016.3.1 Date: 8/22/2017 12:41 PM

Central Village Non-Residential 1-LEA

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	0.00	14,420.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2023
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Residential_Exterior	9734	0
tblAreaCoating	Area_Residential_Interior	29201	0
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstructionPhase	NumDays	0.00	43.00
tblConstructionPhase	NumDays	0.00	44.00
tblConstructionPhase	NumDays	0.00	44.00
tblConstructionPhase	NumDays	0.00	44.00
tblConstructionPhase	NumDays	0.00	44.00
tblConstructionPhase	NumDays	0.00	247.00
tblConstructionPhase	NumDays	0.00	84.00
tblConstructionPhase	NumDays	0.00	103.00
tblConstructionPhase	NumDays	0.00	85.00
tblConstructionPhase	NumDays	0.00	124.00
tblConstructionPhase	NumDays	0.00	9.00
tblConstructionPhase	NumDays	0.00	3.00
tblConstructionPhase	NumDays	0.00	4.00
tblConstructionPhase	NumDays	0.00	3.00
tblConstructionPhase	NumDays	0.00	5.00
tblConstructionPhase	NumDays	0.00	22.00
tblConstructionPhase	NumDays	0.00	20.00
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tblConstructionPhase	NumDays	0.00	23.00
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tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	3.00
tblConstructionPhase	NumDays	0.00	22.00

tblConstructionPhase	NumDays	0.00	22.00
tblConstructionPhase	NumDays	0.00	21.00
tblConstructionPhase	NumDays	0.00	22.00
tblConstructionPhase	NumDays	0.00	20.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	6.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-14
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-19
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblGrading	AcresOfGrading	0.00	0.50
tblGrading	AcresOfGrading	2.50	1.00
tblGrading	AcresOfGrading	4.50	41.50
tblGrading	AcresOfGrading	1.50	10.00
tblLandUse	BuildingSpaceSquareFeet	0.00	14,420.00
tblLandUse	LandUseSquareFeet	0.00	14,420.00
tblOffRoadEquipment	OffRoadEquipmentType		Paving Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Pavers
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	OperationalYear	2018	2023
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	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					
2019	4.3986	46.0998	22.4974	0.0399	22.2120	2.3945	24.6064	10.3628	2.2030	12.5658	0.0000	3,963.5444	3,963.5444	1.2040	0.0000	3,993.6450
2020	0.7279	5.4358	5.4614	8.5800e-003	2.1900	0.3192	2.5091	0.2289	0.3007	0.5296	0.0000	802.5072	802.5072	0.1860	0.0000	807.1570
2021	8.1602	79.3352	58.0390	0.1025	36.3705	4.1001	40.4707	11.8366	3.8109	15.6475	0.0000	9,865.3104	9,865.3104	2.5793	0.0000	9,929.7926
2022	9.9439	50.7144	38.3275	0.0720	33.5287	2.4810	36.0096	11.5399	2.2994	13.8393	0.0000	6,957.4367	6,957.4367	1.8888	0.0000	7,004.6564
2023	3.7878	38.8095	33.5605	0.0657	27.0350	1.7785	28.8135	10.8674	1.6363	12.5037	0.0000	6,406.1006	6,406.1006	1.9371	0.0000	6,454.5284
Maximum	**9.9439**	**79.3352**	**58.0390**	**0.1025**	**36.3705**	**4.1001**	**40.4707**	**11.8366**	**3.8109**	**15.6475**	**0.0000**	**9,865.3104**	**9,865.3104**	**2.5793**	**0.0000**	**9,929.7926**

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					
2019	4.3986	46.0998	22.4974	0.0399	8.8840	2.3945	11.2784	4.0746	2.2030	6.2776	0.0000	3,963.5444	3,963.5444	1.2040	0.0000	3,993.6450
2020	0.7279	5.4358	5.4614	8.5800e-003	0.9723	0.3192	1.2914	0.1073	0.3007	0.4079	0.0000	802.5072	802.5072	0.1860	0.0000	807.1570
2021	8.1602	79.3352	58.0390	0.1025	15.1577	4.1001	19.2579	4.7608	3.8109	8.5717	0.0000	9,865.3104	9,865.3104	2.5793	0.0000	9,929.7926
2022	9.9439	50.7144	38.3275	0.0720	13.8968	2.4810	16.3778	4.6220	2.2994	6.9214	0.0000	6,957.4367	6,957.4367	1.8888	0.0000	7,004.6564
2023	3.7878	38.8095	33.5605	0.0657	11.0260	1.7785	12.8045	4.3114	1.6363	5.9476	0.0000	6,406.1006	6,406.1006	1.9371	0.0000	6,454.5284
Maximum	**9.9439**	**79.3352**	**58.0390**	**0.1025**	**15.1577**	**4.1001**	**19.2579**	**4.7608**	**3.8109**	**8.5717**	**0.0000**	**9,865.3104**	**9,865.3104**	**2.5793**	**0.0000**	**9,929.7926**

	ROG	NOx	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**	**58.84**	**0.00**	**53.92**	**60.13**	**0.00**	**48.94**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.4900e-003	9.5000e-004	0.0825	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**2.4900e-003**	**9.5000e-004**	**0.0825**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.4900e-003	9.5000e-004	0.0825	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**2.4900e-003**	**9.5000e-004**	**0.0825**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

	ROG	NOx	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	Park 1- Site Preparation	Site Preparation	10/1/2019	10/2/2019	5	2	
2	Park 1- Grading	Grading	10/3/2019	10/7/2019	5	3	
3	Park 1- Building Construction	Building Construction	10/8/2019	2/3/2020	5	85	
4	Park 1- Landscaping	Site Preparation	2/1/2021	2/28/2021	5	20	
5	Park 1- Paving	Paving	3/1/2021	3/31/2021	5	23	
6	Commercial 1- Site Preparation	Site Preparation	6/1/2021	6/2/2021	5	2	
7	Commercial 1- Grading	Grading	6/3/2021	6/9/2021	5	5	
8	Commercial 1- Building	Building Construction	6/10/2021	11/30/2021	5	124	
9	School - Landscaping	Site Preparation	7/1/2021	7/8/2021	5	6	
10	School - Grading	Grading	7/9/2021	7/21/2021	5	9	
11	School - Building Construction	Building Construction	7/22/2021	7/2/2022	5	247	
12	Park 4- Site Preparation	Site Preparation	9/1/2021	9/2/2021	5	2	
13	Park 4- Grading	Grading	9/3/2021	9/7/2021	5	3	
14	Park 4- Building Construction	Building Construction	9/8/2021	1/3/2022	5	84	
15	Fire Station Site Preparation	Site Preparation	2/1/2022	2/3/2022	5	3	
16	Fire Station Grading	Grading	2/4/2022	2/9/2022	5	4	
17	Fire Station Building	Building Construction	2/10/2022	7/4/2022	5	103	
18	Commercial 1 - Architectural	Architectural Coating	10/1/2022	11/30/2022	5	43	
19	Park 4- Architectural Coating	Architectural Coating	11/1/2022	12/31/2022	5	44	
20	Commercial 1- Landscaping	Site Preparation	12/1/2022	12/31/2022	5	22	
21	Park 1 - Architectural Coating	Architectural Coating	12/1/2022	1/31/2023	5	44	
22	School -Architectural Coating	Architectural Coating	12/1/2022	1/31/2023	5	44	
23	Park 4- Landscaping	Site Preparation	1/1/2023	1/31/2023	5	22	
24	Commercial 1- Paving	Paving	1/1/2023	1/31/2023	5	22	
25	Park 4- Paving	Paving	2/1/2023	2/28/2023	5	20	
26	School - Site Prep	Site Preparation	7/1/2023	7/31/2023	5	21	
27	School - Paving	Paving	7/1/2023	7/31/2023	5	21	
28	Fire Station - Architectural	Architectural Coating	8/1/2023	9/30/2023	5	44	
29	Fire Station Landscaping	Site Preparation	11/1/2023	11/30/2023	5	22	
30	Fire Station Paving	Paving	12/1/2023	12/31/2023	5	21	

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: 90,000; Non-Residential Outdoor: 30,000; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 1- Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Park 1- Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Park 1- Paving	Paving Equipment	2	8.00	132	0.36
Park 1- Paving	Pavers	2	8.00	130	0.42
Park 1- Grading	Rubber Tired Dozers	1	1.00	247	0.40
Park 1- Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Park 1- Building Construction	Forklifts	1	8.00	89	0.20
Park 1- Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 1- Building Construction	Welders	1	8.00	46	0.45
Park 1 - Architectural Coating	Air Compressors	1	8.00	78	0.48
Park 1- Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Commercial 1- Site Preparation	Rollers	3	8.00	80	0.38
Commercial 1- Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Commercial 1- Grading	Excavators	1	8.00	158	0.38
Commercial 1- Grading	Graders	1	8.00	187	0.41
Commercial 1- Grading	Rubber Tired Dozers	1	8.00	247	0.40
Commercial 1- Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Park 1- Paving	Rollers	2	8.00	80	0.38
School - Site Prep	Rubber Tired Dozers	3	8.00	247	0.40
School - Site Prep	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Commercial 1- Building Construction	Cranes	1	8.00	231	0.29
Commercial 1- Building Construction	Forklifts	3	8.00	89	0.20
Commercial 1- Building Construction	Generator Sets	1	8.00	84	0.74
Commercial 1- Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Commercial 1- Building Construction	Welders	1	8.00	46	0.45
School - Grading	Excavators	1	8.00	158	0.38

School - Grading	Graders	1	8.00	187	0.41
School - Grading	Rubber Tired Dozers	1	8.00	247	0.40
School - Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
School - Building Construction	Cranes	1	8.00	231	0.29
School - Building Construction	Forklifts	3	8.00	89	0.20
School - Building Construction	Generator Sets	1	8.00	84	0.74
School - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
School - Building Construction	Welders	1	8.00	46	0.45
Park 4- Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Park 4- Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Park 4- Grading	Excavators	1	8.00	158	0.38
Park 4- Grading	Graders	1	8.00	187	0.41
Park 4- Grading	Rubber Tired Dozers	1	8.00	247	0.40
Park 4- Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Park 4- Building Construction	Forklifts	1	8.00	89	0.20
Park 4- Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 4- Building Construction	Welders	1	8.00	46	0.45
Commercial 1 - Architectural Coating	Air Compressors	1	8.00	78	0.48
Park 4- Architectural Coating	Air Compressors	1	8.00	78	0.48
School - Landscaping	Skid Steer Loaders	2	8.00	65	0.37
School - Paving	Pavers	2	8.00	130	0.42
School - Paving	Paving Equipment	2	8.00	132	0.36
School - Paving	Rollers	2	8.00	80	0.38
Fire Station - Architectural Coating	Air Compressors	1	8.00	78	0.48
Fire Station Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Fire Station Paving	Pavers	2	8.00	130	0.42
Fire Station Paving	Paving Equipment	2	8.00	132	0.36
Fire Station Paving	Rollers	2	8.00	80	0.38
School -Architectural Coating	Air Compressors	1	8.00	78	0.48

Commercial 1- Paving	Pavers	2	8.00	130	0.42
Commercial 1- Paving	Paving Equipment	2	8.00	132	0.36
Commercial 1- Paving	Rollers	2	8.00	80	0.38
Park 4- Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Commercial 1- Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Park 4- Paving	Pavers	2	8.00	130	0.42
Park 4- Paving	Paving Equipment	2	8.00	132	0.36
Park 4- Paving	Rollers	2	8.00	80	0.38
Fire Station Site Preparation	Pavers	2	8.00	130	0.42
Fire Station Site Preparation	Paving Equipment	2	8.00	132	0.36
Fire Station Site Preparation	Rollers	2	8.00	80	0.38
Fire Station Grading	Rubber Tired Dozers	3	8.00	247	0.40
Fire Station Grading	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Fire Station Building Construction	Cranes	1	8.00	231	0.29
Fire Station Building Construction	Forklifts	3	8.00	89	0.20
Fire Station Building Construction	Generator Sets	1	8.00	84	0.74
Fire Station Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Fire Station Building Construction	Welders	1	8.00	46	0.45

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
Park 1- Site Preparation	0	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Grading	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Building Construction	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1- Site Preparation	0	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1- Grading	0	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1- Building Construction	0	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School - Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School - Grading	0	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School - Building Construction	0	32.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Site Preparation	0	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Grading	0	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Building Construction	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station Site Preparation	0	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station Grading	0	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station Building Construction	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Commercial 1 - Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1- Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1 - Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School -Architectural Coating	0	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1- Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School - Site Prep	0	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School - Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station - Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Park 1- Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991		3,766.4529	3,766.4529	1.1917		3,796.2445
Total	**4.3350**	**45.5727**	**22.0630**	**0.0380**	**18.0663**	**2.3904**	**20.4566**	**9.9307**	**2.1991**	**12.1298**		**3,766.4529**	**3,766.4529**	**1.1917**		**3,796.2445**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.8862	3.5100e-003	0.8897	0.0935	3.3600e-003	0.0968		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0444	0.0308	0.2924	8.2000e-004	3.2596	5.9000e-004	3.2601	0.3387	5.4000e-004	0.3392		81.6914	81.6914	2.6400e-003		81.7573
Total	**0.0636**	**0.5271**	**0.4344**	**1.9000e-003**	**4.1457**	**4.1000e-003**	**4.1498**	**0.4321**	**3.9000e-003**	**0.4360**		**197.0915**	**197.0915**	**0.0124**		**197.4005**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445
Total	**4.3350**	**45.5727**	**22.0630**	**0.0380**	**7.0458**	**2.3904**	**9.4362**	**3.8730**	**2.1991**	**6.0721**	**0.0000**	**3,766.4529**	**3,766.4529**	**1.1917**		**3,796.2445**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.3950	3.5100e-003	0.3986	0.0444	3.3600e-003	0.0478		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0444	0.0308	0.2924	8.2000e-004	1.4431	5.9000e-004	1.4437	0.1572	5.4000e-004	0.1577		81.6914	81.6914	2.6400e-003		81.7573
Total	**0.0636**	**0.5271**	**0.4344**	**1.9000e-003**	**1.8381**	**4.1000e-003**	**1.8422**	**0.2016**	**3.9000e-003**	**0.2055**		**197.0915**	**197.0915**	**0.0124**		**197.4005**

3.3 Park 1- Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.9295	0.0000	0.9295	0.4329	0.0000	0.4329			0.0000			0.0000
Off-Road	0.4910	5.0154	3.9895	5.7200e-003		0.3077	0.3077		0.2830	0.2830		566.9914	566.9914	0.1794		571.4761
Total	**0.4910**	**5.0154**	**3.9895**	**5.7200e-003**	**0.9295**	**0.3077**	**1.2372**	**0.4329**	**0.2830**	**0.7159**		**566.9914**	**566.9914**	**0.1794**		**571.4761**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.8862	3.5100e-003	0.8897	0.0935	3.3600e-003	0.0968		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0178	0.0123	0.1170	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.2000e-004	0.1357		32.6766	32.6766	1.0500e-003		32.7029
Total	**0.0370**	**0.5087**	**0.2589**	**1.4100e-003**	**2.1900**	**3.7400e-003**	**2.1937**	**0.2289**	**3.5800e-003**	**0.2325**		**148.0767**	**148.0767**	**0.0108**		**148.3461**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3625	0.0000	0.3625	0.1688	0.0000	0.1688			0.0000			0.0000
Off-Road	0.4910	5.0154	3.9895	5.7200e-003		0.3077	0.3077		0.2830	0.2830	0.0000	566.9914	566.9914	0.1794		571.4761
Total	**0.4910**	**5.0154**	**3.9895**	**5.7200e-003**	**0.3625**	**0.3077**	**0.6702**	**0.1688**	**0.2830**	**0.4519**	**0.0000**	**566.9914**	**566.9914**	**0.1794**		**571.4761**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.3950	3.5100e-003	0.3986	0.0444	3.3600e-003	0.0478		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0178	0.0123	0.1170	3.3000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.2000e-004	0.0631		32.6766	32.6766	1.0500e-003		32.7029
Total	**0.0370**	**0.5087**	**0.2589**	**1.4100e-003**	**0.9723**	**3.7400e-003**	**0.9760**	**0.1073**	**3.5800e-003**	**0.1109**		**148.0767**	**148.0767**	**0.0108**		**148.3461**

3.4 Park 1- Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7779	5.3899	5.3040	7.1900e-003		0.3664	0.3664		0.3450	0.3450		666.3400	666.3400	0.1799		670.8366
Total	**0.7779**	**5.3899**	**5.3040**	**7.1900e-003**		**0.3664**	**0.3664**		**0.3450**	**0.3450**		**666.3400**	**666.3400**	**0.1799**		**670.8366**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.8862	3.5100e-003	0.8897	0.0935	3.3600e-003	0.0968		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0178	0.0123	0.1170	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.2000e-004	0.1357		32.6766	32.6766	1.0500e-003		32.7029
Total	**0.0370**	**0.5087**	**0.2589**	**1.4100e-003**	**2.1900**	**3.7400e-003**	**2.1937**	**0.2289**	**3.5800e-003**	**0.2325**		**148.0767**	**148.0767**	**0.0108**		**148.3461**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7779	5.3899	5.3040	7.1900e-003		0.3664	0.3664		0.3450	0.3450	0.0000	666.3400	666.3400	0.1799		670.8366
Total	**0.7779**	**5.3899**	**5.3040**	**7.1900e-003**		**0.3664**	**0.3664**		**0.3450**	**0.3450**	**0.0000**	**666.3400**	**666.3400**	**0.1799**		**670.8366**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.3950	3.5100e-003	0.3986	0.0444	3.3600e-003	0.0478		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0178	0.0123	0.1170	3.3000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.2000e-004	0.0631		32.6766	32.6766	1.0500e-003		32.7029
Total	**0.0370**	**0.5087**	**0.2589**	**1.4100e-003**	**0.9723**	**3.7400e-003**	**0.9760**	**0.1073**	**3.5800e-003**	**0.1109**		**148.0767**	**148.0767**	**0.0108**		**148.3461**

3.4 Park 1- Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6956	4.9740	5.2270	7.1900e-003		0.3167	0.3167		0.2983	0.2983		656.2771	656.2771	0.1758		660.6725
Total	**0.6956**	**4.9740**	**5.2270**	**7.1900e-003**		**0.3167**	**0.3167**		**0.2983**	**0.2983**		**656.2771**	**656.2771**	**0.1758**		**660.6725**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**2.1900**	**2.4800e-003**	**2.1925**	**0.2289**	**2.3600e-003**	**0.2313**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6956	4.9740	5.2270	7.1900e-003		0.3167	0.3167		0.2983	0.2983	0.0000	656.2771	656.2771	0.1758		660.6725
Total	**0.6956**	**4.9740**	**5.2270**	**7.1900e-003**		**0.3167**	**0.3167**		**0.2983**	**0.2983**	**0.0000**	**656.2771**	**656.2771**	**0.1758**		**660.6725**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**0.9723**	**2.4800e-003**	**0.9747**	**0.1073**	**2.3600e-003**	**0.1097**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

3.5 Park 1- Landscaping - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1510	2.0071	2.7799	4.1400e-003		0.0817	0.0817		0.0751	0.0751		400.3967	400.3967	0.1295		403.6342
Total	**0.1510**	**2.0071**	**2.7799**	**4.1400e-003**	**0.0000**	**0.0817**	**0.0817**	**0.0000**	**0.0751**	**0.0751**		**400.3967**	**400.3967**	**0.1295**		**403.6342**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**2.1900**	**1.1200e-003**	**2.1911**	**0.2289**	**1.0600e-003**	**0.2300**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1510	2.0071	2.7799	4.1400e-003		0.0817	0.0817		0.0751	0.0751	0.0000	400.3967	400.3967	0.1295		403.6342
Total	**0.1510**	**2.0071**	**2.7799**	**4.1400e-003**	**0.0000**	**0.0817**	**0.0817**	**0.0000**	**0.0751**	**0.0751**	**0.0000**	**400.3967**	**400.3967**	**0.1295**		**403.6342**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**0.9723**	**1.1200e-003**	**0.9734**	**0.1073**	**1.0600e-003**	**0.1084**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

3.6 Park 1- Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.2556**	**12.9191**	**14.6532**	**0.0228**		**0.6777**	**0.6777**		**0.6235**	**0.6235**		**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0319	1.0156	0.2890	2.6400e-003	2.2154	2.2300e-003	2.2176	0.2337	2.1300e-003	0.2358		283.8193	283.8193	0.0221		284.3721
Worker	0.0314	0.0202	0.1995	6.1000e-004	2.6076	4.5000e-004	2.6081	0.2709	4.2000e-004	0.2713		61.1638	61.1638	1.7600e-003		61.2077
Total	**0.0633**	**1.0358**	**0.4884**	**3.2500e-003**	**4.8230**	**2.6800e-003**	**4.8257**	**0.5046**	**2.5500e-003**	**0.5071**		**344.9831**	**344.9831**	**0.0239**		**345.5798**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.2556**	**12.9191**	**14.6532**	**0.0228**		**0.6777**	**0.6777**		**0.6235**	**0.6235**	**0.0000**	**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0319	1.0156	0.2890	2.6400e-003	0.9876	2.2300e-003	0.9898	0.1110	2.1300e-003	0.1131		283.8193	283.8193	0.0221		284.3721
Worker	0.0314	0.0202	0.1995	6.1000e-004	1.1545	4.5000e-004	1.1549	0.1258	4.2000e-004	0.1262		61.1638	61.1638	1.7600e-003		61.2077
Total	**0.0633**	**1.0358**	**0.4884**	**3.2500e-003**	**2.1421**	**2.6800e-003**	**2.1447**	**0.2368**	**2.5500e-003**	**0.2393**		**344.9831**	**344.9831**	**0.0239**		**345.5798**

3.7 Commercial 1- 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.3176	13.3560	14.6822	0.0203		0.8000	0.8000		0.7360	0.7360		1,965.8669	1,965.8669	0.6358		1,981.7620
Total	**1.3176**	**13.3560**	**14.6822**	**0.0203**	**0.0000**	**0.8000**	**0.8000**	**0.0000**	**0.7360**	**0.7360**		**1,965.8669**	**1,965.8669**	**0.6358**		**1,981.7620**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0392	0.0252	0.2493	7.7000e-004	3.2596	5.7000e-004	3.2601	0.3387	5.2000e-004	0.3392		76.4548	76.4548	2.2000e-003		76.5097
Total	**0.0520**	**0.4315**	**0.3649**	**1.8300e-003**	**4.1457**	**1.4600e-003**	**4.1472**	**0.4321**	**1.3700e-003**	**0.4335**		**189.9825**	**189.9825**	**0.0110**		**190.2585**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.3176	13.3560	14.6822	0.0203		0.8000	0.8000		0.7360	0.7360	0.0000	1,965.8669	1,965.8669	0.6358		1,981.7620
Total	**1.3176**	**13.3560**	**14.6822**	**0.0203**	**0.0000**	**0.8000**	**0.8000**	**0.0000**	**0.7360**	**0.7360**	**0.0000**	**1,965.8669**	**1,965.8669**	**0.6358**		**1,981.7620**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0392	0.0252	0.2493	7.7000e-004	1.4431	5.7000e-004	1.4437	0.1572	5.2000e-004	0.1577		76.4548	76.4548	2.2000e-003		76.5097
Total	**0.0520**	**0.4315**	**0.3649**	**1.8300e-003**	**1.8381**	**1.4600e-003**	**1.8396**	**0.2016**	**1.3700e-003**	**0.2030**		**189.9825**	**189.9825**	**0.0110**		**190.2585**

3.8 Commercial 1- 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					6.2342	0.0000	6.2342	3.3331	0.0000	3.3331			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**2.2903**	**24.7367**	**15.8575**	**0.0296**	**6.2342**	**1.1599**	**7.3941**	**3.3331**	**1.0671**	**4.4003**		**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0314	0.0202	0.1995	6.1000e-004	2.6076	4.5000e-004	2.6081	0.2709	4.2000e-004	0.2713		61.1638	61.1638	1.7600e-003		61.2077
Total	**0.0441**	**0.4264**	**0.3150**	**1.6700e-003**	**3.4938**	**1.3400e-003**	**3.4951**	**0.3644**	**1.2700e-003**	**0.3656**		**174.6915**	**174.6915**	**0.0106**		**174.9566**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.4313	0.0000	2.4313	1.2999	0.0000	1.2999			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**2.2903**	**24.7367**	**15.8575**	**0.0296**	**2.4313**	**1.1599**	**3.5912**	**1.2999**	**1.0671**	**2.3670**	**0.0000**	**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0314	0.0202	0.1995	6.1000e-004	1.1545	4.5000e-004	1.1549	0.1258	4.2000e-004	0.1262		61.1638	61.1638	1.7600e-003		61.2077
Total	**0.0441**	**0.4264**	**0.3150**	**1.6700e-003**	**1.5495**	**1.3400e-003**	**1.5508**	**0.1702**	**1.2700e-003**	**0.1714**		**174.6915**	**174.6915**	**0.0106**		**174.9566**

3.9 Commercial 1- Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0228	18.7492	17.6706	0.0288		1.0251	1.0251		0.9625	0.9625		2,736.0438	2,736.0438	0.6751		2,752.9212
Total	**2.0228**	**18.7492**	**17.6706**	**0.0288**		**1.0251**	**1.0251**		**0.9625**	**0.9625**		**2,736.0438**	**2,736.0438**	**0.6751**		**2,752.9212**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0235	0.0151	0.1496	4.6000e-004	1.9557	3.4000e-004	1.9561	0.2032	3.1000e-004	0.2035		45.8729	45.8729	1.3200e-003		45.9058
Total	**0.0363**	**0.4214**	**0.2652**	**1.5200e-003**	**2.8419**	**1.2300e-003**	**2.8431**	**0.2967**	**1.1600e-003**	**0.2978**		**159.4006**	**159.4006**	**0.0102**		**159.6546**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0228	18.7492	17.6706	0.0288		1.0251	1.0251		0.9625	0.9625	0.0000	2,736.0438	2,736.0438	0.6751		2,752.9212
Total	**2.0228**	**18.7492**	**17.6706**	**0.0288**		**1.0251**	**1.0251**		**0.9625**	**0.9625**	**0.0000**	**2,736.0438**	**2,736.0438**	**0.6751**		**2,752.9212**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0235	0.0151	0.1496	4.6000e-004	0.8659	3.4000e-004	0.8662	0.0943	3.1000e-004	0.0946		45.8729	45.8729	1.3200e-003		45.9058
Total	**0.0363**	**0.4214**	**0.2652**	**1.5200e-003**	**1.2609**	**1.2300e-003**	**1.2621**	**0.1387**	**1.1600e-003**	**0.1399**		**159.4006**	**159.4006**	**0.0102**		**159.6546**

3.10 School - Landscaping - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1510	2.0071	2.7799	4.1400e-003		0.0817	0.0817		0.0751	0.0751		400.3967	400.3967	0.1295		403.6342
Total	**0.1510**	**2.0071**	**2.7799**	**4.1400e-003**	**0.0000**	**0.0817**	**0.0817**	**0.0000**	**0.0751**	**0.0751**		**400.3967**	**400.3967**	**0.1295**		**403.6342**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**2.1900**	**1.1200e-003**	**2.1911**	**0.2289**	**1.0600e-003**	**0.2300**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1510	2.0071	2.7799	4.1400e-003		0.0817	0.0817		0.0751	0.0751	0.0000	400.3967	400.3967	0.1295		403.6342
Total	**0.1510**	**2.0071**	**2.7799**	**4.1400e-003**	**0.0000**	**0.0817**	**0.0817**	**0.0000**	**0.0751**	**0.0751**	**0.0000**	**400.3967**	**400.3967**	**0.1295**		**403.6342**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**0.9723**	**1.1200e-003**	**0.9734**	**0.1073**	**1.0600e-003**	**0.1084**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

3.11 School - 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					10.9122	0.0000	10.9122	3.8382	0.0000	3.8382			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**2.2903**	**24.7367**	**15.8575**	**0.0296**	**10.9122**	**1.1599**	**12.0721**	**3.8382**	**1.0671**	**4.9054**		**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0314	0.0202	0.1995	6.1000e-004	2.6076	4.5000e-004	2.6081	0.2709	4.2000e-004	0.2713		61.1638	61.1638	1.7600e-003		61.2077
Total	**0.0441**	**0.4264**	**0.3150**	**1.6700e-003**	**3.4938**	**1.3400e-003**	**3.4951**	**0.3644**	**1.2700e-003**	**0.3656**		**174.6915**	**174.6915**	**0.0106**		**174.9566**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.2558	0.0000	4.2558	1.4969	0.0000	1.4969			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**2.2903**	**24.7367**	**15.8575**	**0.0296**	**4.2558**	**1.1599**	**5.4157**	**1.4969**	**1.0671**	**2.5640**	**0.0000**	**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0314	0.0202	0.1995	6.1000e-004	1.1545	4.5000e-004	1.1549	0.1258	4.2000e-004	0.1262		61.1638	61.1638	1.7600e-003		61.2077
Total	**0.0441**	**0.4264**	**0.3150**	**1.6700e-003**	**1.5495**	**1.3400e-003**	**1.5508**	**0.1702**	**1.2700e-003**	**0.1714**		**174.6915**	**174.6915**	**0.0106**		**174.9566**

3.12 School - Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0228	18.7492	17.6706	0.0288		1.0251	1.0251		0.9625	0.9625		2,736.0438	2,736.0438	0.6751		2,752.9212
Total	**2.0228**	**18.7492**	**17.6706**	**0.0288**		**1.0251**	**1.0251**		**0.9625**	**0.9625**		**2,736.0438**	**2,736.0438**	**0.6751**		**2,752.9212**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.1255	0.0807	0.7978	2.4500e-003	10.4305	1.8200e-003	10.4324	1.0837	1.6700e-003	1.0853		244.6552	244.6552	7.0300e-003		244.8310
Total	**0.1383**	**0.4870**	**0.9134**	**3.5100e-003**	**11.3167**	**2.7100e-003**	**11.3194**	**1.1771**	**2.5200e-003**	**1.1797**		**358.1829**	**358.1829**	**0.0159**		**358.5798**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0228	18.7492	17.6706	0.0288		1.0251	1.0251		0.9625	0.9625	0.0000	2,736.0438	2,736.0438	0.6751		2,752.9212
Total	**2.0228**	**18.7492**	**17.6706**	**0.0288**		**1.0251**	**1.0251**		**0.9625**	**0.9625**	**0.0000**	**2,736.0438**	**2,736.0438**	**0.6751**		**2,752.9212**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.1255	0.0807	0.7978	2.4500e-003	4.6179	1.8200e-003	4.6197	0.5031	1.6700e-003	0.5047		244.6552	244.6552	7.0300e-003		244.8310
Total	**0.1383**	**0.4870**	**0.9134**	**3.5100e-003**	**5.0129**	**2.7100e-003**	**5.0156**	**0.5475**	**2.5200e-003**	**0.5500**		**358.1829**	**358.1829**	**0.0159**		**358.5798**

3.12 School - Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8146	16.7670	17.4392	0.0288		0.8645	0.8645		0.8122	0.8122		2,737.1520	2,737.1520	0.6711		2,753.9288
Total	**1.8146**	**16.7670**	**17.4392**	**0.0288**		**0.8645**	**0.8645**		**0.8122**	**0.8122**		**2,737.1520**	**2,737.1520**	**0.6711**		**2,753.9288**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.1190	0.0736	0.7403	2.3600e-003	10.4305	1.7800e-003	10.4323	1.0837	1.6400e-003	1.0853		235.6882	235.6882	6.4400e-003		235.8491
Total	**0.1308**	**0.4572**	**0.8498**	**3.4000e-003**	**11.3167**	**2.5500e-003**	**11.3192**	**1.1771**	**2.3700e-003**	**1.1795**		**348.1292**	**348.1292**	**0.0150**		**348.5042**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8146	16.7670	17.4392	0.0288		0.8645	0.8645		0.8122	0.8122	0.0000	2,737.1520	2,737.1520	0.6711		2,753.9288
Total	**1.8146**	**16.7670**	**17.4392**	**0.0288**		**0.8645**	**0.8645**		**0.8122**	**0.8122**	**0.0000**	**2,737.1520**	**2,737.1520**	**0.6711**		**2,753.9288**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.1190	0.0736	0.7403	2.3600e-003	4.6179	1.7800e-003	4.6196	0.5031	1.6400e-003	0.5047		235.6882	235.6882	6.4400e-003		235.8491
Total	**0.1308**	**0.4572**	**0.8498**	**3.4000e-003**	**5.0129**	**2.5500e-003**	**5.0154**	**0.5475**	**2.3700e-003**	**0.5498**		**348.1292**	**348.1292**	**0.0150**		**348.5042**

3.13 Park 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**18.0663**	**2.0445**	**20.1107**	**9.9307**	**1.8809**	**11.8116**		**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0392	0.0252	0.2493	7.7000e-004	3.2596	5.7000e-004	3.2601	0.3387	5.2000e-004	0.3392		76.4548	76.4548	2.2000e-003		76.5097
Total	**0.0520**	**0.4315**	**0.3649**	**1.8300e-003**	**4.1457**	**1.4600e-003**	**4.1472**	**0.4321**	**1.3700e-003**	**0.4335**		**189.9825**	**189.9825**	**0.0110**		**190.2585**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**7.0458**	**2.0445**	**9.0903**	**3.8730**	**1.8809**	**5.7539**	**0.0000**	**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0392	0.0252	0.2493	7.7000e-004	1.4431	5.7000e-004	1.4437	0.1572	5.2000e-004	0.1577		76.4548	76.4548	2.2000e-003		76.5097
Total	**0.0520**	**0.4315**	**0.3649**	**1.8300e-003**	**1.8381**	**1.4600e-003**	**1.8396**	**0.2016**	**1.3700e-003**	**0.2030**		**189.9825**	**189.9825**	**0.0110**		**190.2585**

3.14 Park 4- Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.5571	0.0000	9.5571	3.6919	0.0000	3.6919			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**2.2903**	**24.7367**	**15.8575**	**0.0296**	**9.5571**	**1.1599**	**10.7170**	**3.6919**	**1.0671**	**4.7590**		**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0314	0.0202	0.1995	6.1000e-004	2.6076	4.5000e-004	2.6081	0.2709	4.2000e-004	0.2713		61.1638	61.1638	1.7600e-003		61.2077
Total	**0.0441**	**0.4264**	**0.3150**	**1.6700e-003**	**3.4938**	**1.3400e-003**	**3.4951**	**0.3644**	**1.2700e-003**	**0.3656**		**174.6915**	**174.6915**	**0.0106**		**174.9566**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.7273	0.0000	3.7273	1.4399	0.0000	1.4399			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**2.2903**	**24.7367**	**15.8575**	**0.0296**	**3.7273**	**1.1599**	**4.8872**	**1.4399**	**1.0671**	**2.5070**	**0.0000**	**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0314	0.0202	0.1995	6.1000e-004	1.1545	4.5000e-004	1.1549	0.1258	4.2000e-004	0.1262		61.1638	61.1638	1.7600e-003		61.2077
Total	**0.0441**	**0.4264**	**0.3150**	**1.6700e-003**	**1.5495**	**1.3400e-003**	**1.5508**	**0.1702**	**1.2700e-003**	**0.1714**		**174.6915**	**174.6915**	**0.0106**		**174.9566**

3.15 Park 4- Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6193	4.5838	5.1469	7.1900e-003		0.2696	0.2696		0.2540	0.2540		656.4086	656.4086	0.1722		660.7139
Total	**0.6193**	**4.5838**	**5.1469**	**7.1900e-003**		**0.2696**	**0.2696**		**0.2540**	**0.2540**		**656.4086**	**656.4086**	**0.1722**		**660.7139**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**2.1900**	**1.1200e-003**	**2.1911**	**0.2289**	**1.0600e-003**	**0.2300**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6193	4.5838	5.1469	7.1900e-003		0.2696	0.2696		0.2540	0.2540	0.0000	656.4086	656.4086	0.1722		660.7139
Total	**0.6193**	**4.5838**	**5.1469**	**7.1900e-003**		**0.2696**	**0.2696**		**0.2540**	**0.2540**	**0.0000**	**656.4086**	**656.4086**	**0.1722**		**660.7139**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**0.9723**	**1.1200e-003**	**0.9734**	**0.1073**	**1.0600e-003**	**0.1084**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

3.15 Park 4- 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	0.5550	4.1934	5.0875	7.1900e-003		0.2239	0.2239		0.2111	0.2111		656.7475	656.7475	0.1701		661.0007
Total	**0.5550**	**4.1934**	**5.0875**	**7.1900e-003**		**0.2239**	**0.2239**		**0.2111**	**0.2111**		**656.7475**	**656.7475**	**0.1701**		**661.0007**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**2.1900**	**9.9000e-004**	**2.1910**	**0.2289**	**9.3000e-004**	**0.2299**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5550	4.1934	5.0875	7.1900e-003		0.2239	0.2239		0.2111	0.2111	0.0000	656.7475	656.7475	0.1701		661.0007
Total	**0.5550**	**4.1934**	**5.0875**	**7.1900e-003**		**0.2239**	**0.2239**		**0.2111**	**0.2111**	**0.0000**	**656.7475**	**656.7475**	**0.1701**		**661.0007**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**0.9723**	**9.9000e-004**	**0.9733**	**0.1073**	**9.3000e-004**	**0.1082**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

3.16 Fire Station 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Total	**1.1028**	**11.1249**	**14.5805**	**0.0228**	**0.0000**	**0.5679**	**0.5679**	**0.0000**	**0.5225**	**0.5225**		**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0297	0.0184	0.1851	5.9000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.1000e-004	0.2713		58.9221	58.9221	1.6100e-003		58.9623
Total	**0.0416**	**0.4020**	**0.2945**	**1.6300e-003**	**3.4938**	**1.2100e-003**	**3.4950**	**0.3644**	**1.1400e-003**	**0.3655**		**171.3631**	**171.3631**	**0.0102**		**171.6174**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Total	**1.1028**	**11.1249**	**14.5805**	**0.0228**	**0.0000**	**0.5679**	**0.5679**	**0.0000**	**0.5225**	**0.5225**	**0.0000**	**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0297	0.0184	0.1851	5.9000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.1000e-004	0.1262		58.9221	58.9221	1.6100e-003		58.9623
Total	**0.0416**	**0.4020**	**0.2945**	**1.6300e-003**	**1.5495**	**1.2100e-003**	**1.5507**	**0.1702**	**1.1400e-003**	**0.1713**		**171.3631**	**171.3631**	**0.0102**		**171.6174**

3.17 Fire Station 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**3.1701**	**33.0835**	**19.6978**	**0.0380**	**18.0663**	**1.6126**	**19.6788**	**9.9307**	**1.4836**	**11.4143**		**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0372	0.0230	0.2314	7.4000e-004	3.2596	5.6000e-004	3.2601	0.3387	5.1000e-004	0.3392		73.6526	73.6526	2.0100e-003		73.7028
Total	**0.0490**	**0.4066**	**0.3408**	**1.7800e-003**	**4.1457**	**1.3300e-003**	**4.1470**	**0.4321**	**1.2400e-003**	**0.4334**		**186.0936**	**186.0936**	**0.0106**		**186.3579**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**3.1701**	**33.0835**	**19.6978**	**0.0380**	**7.0458**	**1.6126**	**8.6584**	**3.8730**	**1.4836**	**5.3565**	**0.0000**	**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0372	0.0230	0.2314	7.4000e-004	1.4431	5.6000e-004	1.4436	0.1572	5.1000e-004	0.1577		73.6526	73.6526	2.0100e-003		73.7028
Total	**0.0490**	**0.4066**	**0.3408**	**1.7800e-003**	**1.8381**	**1.3300e-003**	**1.8394**	**0.2016**	**1.2400e-003**	**0.2029**		**186.0936**	**186.0936**	**0.0106**		**186.3579**

3.18 Fire Station Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8146	16.7670	17.4392	0.0288		0.8645	0.8645		0.8122	0.8122		2,737.1520	2,737.1520	0.6711		2,753.9288
Total	**1.8146**	**16.7670**	**17.4392**	**0.0288**		**0.8645**	**0.8645**		**0.8122**	**0.8122**		**2,737.1520**	**2,737.1520**	**0.6711**		**2,753.9288**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**2.1900**	**9.9000e-004**	**2.1910**	**0.2289**	**9.3000e-004**	**0.2299**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8146	16.7670	17.4392	0.0288		0.8645	0.8645		0.8122	0.8122	0.0000	2,737.1520	2,737.1520	0.6711		2,753.9288
Total	**1.8146**	**16.7670**	**17.4392**	**0.0288**		**0.8645**	**0.8645**		**0.8122**	**0.8122**	**0.0000**	**2,737.1520**	**2,737.1520**	**0.6711**		**2,753.9288**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**0.9723**	**9.9000e-004**	**0.9733**	**0.1073**	**9.3000e-004**	**0.1082**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

3.19 Commercial 1 - 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	9.2161					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090		375.2641	375.2641	0.0244		375.8749
Total	**9.4888**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**		**375.2641**	**375.2641**	**0.0244**		**375.8749**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	7.4300e-003	4.6000e-003	0.0463	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.7305	14.7305	4.0000e-004		14.7406
Total	**0.0193**	**0.3882**	**0.1557**	**1.1900e-003**	**1.5381**	**8.8000e-004**	**1.5389**	**0.1612**	**8.3000e-004**	**0.1620**		**127.1716**	**127.1716**	**8.9600e-003**		**127.3957**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.2161					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090	0.0000	375.2641	375.2641	0.0244		375.8749
Total	**9.4888**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**	**0.0000**	**375.2641**	**375.2641**	**0.0244**		**375.8749**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	7.4300e-003	4.6000e-003	0.0463	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.7305	14.7305	4.0000e-004		14.7406
Total	**0.0193**	**0.3882**	**0.1557**	**1.1900e-003**	**0.6837**	**8.8000e-004**	**0.6845**	**0.0759**	**8.3000e-004**	**0.0767**		**127.1716**	**127.1716**	**8.9600e-003**		**127.3957**

3.20 Park 4- 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	0.1438					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090		375.2641	375.2641	0.0244		375.8749
Total	**0.4165**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**		**375.2641**	**375.2641**	**0.0244**		**375.8749**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	7.4300e-003	4.6000e-003	0.0463	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.7305	14.7305	4.0000e-004		14.7406
Total	**0.0193**	**0.3882**	**0.1557**	**1.1900e-003**	**1.5381**	**8.8000e-004**	**1.5389**	**0.1612**	**8.3000e-004**	**0.1620**		**127.1716**	**127.1716**	**8.9600e-003**		**127.3957**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1438					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090	0.0000	375.2641	375.2641	0.0244		375.8749
Total	**0.4165**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**	**0.0000**	**375.2641**	**375.2641**	**0.0244**		**375.8749**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	7.4300e-003	4.6000e-003	0.0463	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.7305	14.7305	4.0000e-004		14.7406
Total	**0.0193**	**0.3882**	**0.1557**	**1.1900e-003**	**0.6837**	**8.8000e-004**	**0.6845**	**0.0759**	**8.3000e-004**	**0.0767**		**127.1716**	**127.1716**	**8.9600e-003**		**127.3957**

3.21 Commercial 1- Landscaping - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1392	1.8572	2.7744	4.1400e-003		0.0690	0.0690		0.0635	0.0635		400.7825	400.7825	0.1296		404.0230
Total	**0.1392**	**1.8572**	**2.7744**	**4.1400e-003**	**0.0000**	**0.0690**	**0.0690**	**0.0000**	**0.0635**	**0.0635**		**400.7825**	**400.7825**	**0.1296**		**404.0230**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**2.1900**	**9.9000e-004**	**2.1910**	**0.2289**	**9.3000e-004**	**0.2299**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1392	1.8572	2.7744	4.1400e-003		0.0690	0.0690		0.0635	0.0635	0.0000	400.7825	400.7825	0.1296		404.0230
Total	**0.1392**	**1.8572**	**2.7744**	**4.1400e-003**	**0.0000**	**0.0690**	**0.0690**	**0.0000**	**0.0635**	**0.0635**	**0.0000**	**400.7825**	**400.7825**	**0.1296**		**404.0230**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**0.9723**	**9.9000e-004**	**0.9733**	**0.1073**	**9.3000e-004**	**0.1082**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

3.22 Park 1 - 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	0.0932					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090		375.2641	375.2641	0.0244		375.8749
Total	**0.3660**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**		**375.2641**	**375.2641**	**0.0244**		**375.8749**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	7.4300e-003	4.6000e-003	0.0463	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.7305	14.7305	4.0000e-004		14.7406
Total	**0.0193**	**0.3882**	**0.1557**	**1.1900e-003**	**1.5381**	**8.8000e-004**	**1.5389**	**0.1612**	**8.3000e-004**	**0.1620**		**127.1716**	**127.1716**	**8.9600e-003**		**127.3957**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0932					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090	0.0000	375.2641	375.2641	0.0244		375.8749
Total	**0.3660**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**	**0.0000**	**375.2641**	**375.2641**	**0.0244**		**375.8749**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	7.4300e-003	4.6000e-003	0.0463	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.7305	14.7305	4.0000e-004		14.7406
Total	**0.0193**	**0.3882**	**0.1557**	**1.1900e-003**	**0.6837**	**8.8000e-004**	**0.6845**	**0.0759**	**8.3000e-004**	**0.0767**		**127.1716**	**127.1716**	**8.9600e-003**		**127.3957**

3.22 Park 1 - 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	0.0932					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	**0.3488**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**		**375.2641**	**375.2641**	**0.0225**		**375.8253**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.1679	14.1679	3.7000e-004		14.1771
Total	**0.0162**	**0.3059**	**0.1417**	**1.1600e-003**	**1.5381**	**4.9000e-004**	**1.5386**	**0.1612**	**4.6000e-004**	**0.1617**		**123.7957**	**123.7957**	**8.1600e-003**		**123.9997**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0932					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253
Total	**0.3488**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**	**0.0000**	**375.2641**	**375.2641**	**0.0225**		**375.8253**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.1679	14.1679	3.7000e-004		14.1771
Total	**0.0162**	**0.3059**	**0.1417**	**1.1600e-003**	**0.6837**	**4.9000e-004**	**0.6841**	**0.0759**	**4.6000e-004**	**0.0763**		**123.7957**	**123.7957**	**8.1600e-003**		**123.9997**

3.23 School -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	1.1456					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090		375.2641	375.2641	0.0244		375.8749
Total	**1.4183**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**		**375.2641**	**375.2641**	**0.0244**		**375.8749**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0223	0.0138	0.1388	4.4000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.1000e-004	0.2035		44.1915	44.1915	1.2100e-003		44.2217
Total	**0.0342**	**0.3974**	**0.2482**	**1.4800e-003**	**2.8419**	**1.1000e-003**	**2.8430**	**0.2967**	**1.0400e-003**	**0.2977**		**156.6326**	**156.6326**	**9.7700e-003**		**156.8768**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1456					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090	0.0000	375.2641	375.2641	0.0244		375.8749
Total	**1.4183**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**	**0.0000**	**375.2641**	**375.2641**	**0.0244**		**375.8749**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0223	0.0138	0.1388	4.4000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.1000e-004	0.0946		44.1915	44.1915	1.2100e-003		44.2217
Total	**0.0342**	**0.3974**	**0.2482**	**1.4800e-003**	**1.2609**	**1.1000e-003**	**1.2620**	**0.1387**	**1.0400e-003**	**0.1398**		**156.6326**	**156.6326**	**9.7700e-003**		**156.8768**

3.23 School -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	1.1456					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	**1.4011**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**		**375.2641**	**375.2641**	**0.0225**		**375.8253**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.8419**	**7.1000e-004**	**2.8426**	**0.2967**	**6.6000e-004**	**0.2973**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1456					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253
Total	**1.4011**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**	**0.0000**	**375.2641**	**375.2641**	**0.0225**		**375.8253**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**1.2609**	**7.1000e-004**	**1.2616**	**0.1387**	**6.6000e-004**	**0.1394**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.24 Park 4- Landscaping - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1302	1.7294	2.7708	4.1400e-003		0.0585	0.0585		0.0538	0.0538		400.9725	400.9725	0.1297		404.2145
Total	**0.1302**	**1.7294**	**2.7708**	**4.1400e-003**	**0.0000**	**0.0585**	**0.0585**	**0.0000**	**0.0538**	**0.0538**		**400.9725**	**400.9725**	**0.1297**		**404.2145**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**2.1900**	**6.0000e-004**	**2.1906**	**0.2289**	**5.6000e-004**	**0.2295**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1302	1.7294	2.7708	4.1400e-003		0.0585	0.0585		0.0538	0.0538	0.0000	400.9725	400.9725	0.1297		404.2145
Total	**0.1302**	**1.7294**	**2.7708**	**4.1400e-003**	**0.0000**	**0.0585**	**0.0585**	**0.0000**	**0.0538**	**0.0538**	**0.0000**	**400.9725**	**400.9725**	**0.1297**		**404.2145**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**0.9723**	**6.0000e-004**	**0.9729**	**0.1073**	**5.6000e-004**	**0.1079**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

3.25 Commercial 1- 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	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0511**	**0.7710**	**0.4187**	**3.1100e-003**	**4.8230**	**1.3800e-003**	**4.8244**	**0.5046**	**1.3000e-003**	**0.5059**		**330.7410**	**330.7410**	**0.0210**		**331.2649**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	0.9876	9.4000e-004	0.9885	0.1110	9.0000e-004	0.1119		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0511**	**0.7710**	**0.4187**	**3.1100e-003**	**2.1421**	**1.3800e-003**	**2.1434**	**0.2368**	**1.3000e-003**	**0.2381**		**330.7410**	**330.7410**	**0.0210**		**331.2649**

3.26 Park 4- 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	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0511**	**0.7710**	**0.4187**	**3.1100e-003**	**4.8230**	**1.3800e-003**	**4.8244**	**0.5046**	**1.3000e-003**	**0.5059**		**330.7410**	**330.7410**	**0.0210**		**331.2649**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	0.9876	9.4000e-004	0.9885	0.1110	9.0000e-004	0.1119		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0511**	**0.7710**	**0.4187**	**3.1100e-003**	**2.1421**	**1.3800e-003**	**2.1434**	**0.2368**	**1.3000e-003**	**0.2381**		**330.7410**	**330.7410**	**0.0210**		**331.2649**

3.27 School - Site Prep - 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.3081	3,687.3081	1.1926		3,717.1219
Total	**2.6595**	**27.5242**	**18.2443**	**0.0381**	**18.0663**	**1.2660**	**19.3323**	**9.9307**	**1.1647**	**11.0954**		**3,687.3081**	**3,687.3081**	**1.1926**		**3,717.1219**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0353	0.0210	0.2144	7.1000e-004	3.2596	5.4000e-004	3.2601	0.3387	5.0000e-004	0.3392		70.8396	70.8396	1.8400e-003		70.8856
Total	**0.0445**	**0.3227**	**0.3133**	**1.7300e-003**	**4.1457**	**9.2000e-004**	**4.1466**	**0.4321**	**8.6000e-004**	**0.4330**		**180.4674**	**180.4674**	**9.6300e-003**		**180.7081**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219
Total	**2.6595**	**27.5242**	**18.2443**	**0.0381**	**7.0458**	**1.2660**	**8.3119**	**3.8730**	**1.1647**	**5.0377**	**0.0000**	**3,687.3081**	**3,687.3081**	**1.1926**		**3,717.1219**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0353	0.0210	0.2144	7.1000e-004	1.4431	5.4000e-004	1.4436	0.1572	5.0000e-004	0.1577		70.8396	70.8396	1.8400e-003		70.8856
Total	**0.0445**	**0.3227**	**0.3133**	**1.7300e-003**	**1.8381**	**9.2000e-004**	**1.8390**	**0.2016**	**8.6000e-004**	**0.2025**		**180.4674**	**180.4674**	**9.6300e-003**		**180.7081**

3.28 School - 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	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0511**	**0.7710**	**0.4187**	**3.1100e-003**	**4.8230**	**1.3800e-003**	**4.8244**	**0.5046**	**1.3000e-003**	**0.5059**		**330.7410**	**330.7410**	**0.0210**		**331.2649**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	0.9876	9.4000e-004	0.9885	0.1110	9.0000e-004	0.1119		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0511**	**0.7710**	**0.4187**	**3.1100e-003**	**2.1421**	**1.3800e-003**	**2.1434**	**0.2368**	**1.3000e-003**	**0.2381**		**330.7410**	**330.7410**	**0.0210**		**331.2649**

3.29 Fire Station - 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	0.7089					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	**0.9645**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**		**375.2641**	**375.2641**	**0.0225**		**375.8253**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.1679	14.1679	3.7000e-004		14.1771
Total	**0.0162**	**0.3059**	**0.1417**	**1.1600e-003**	**1.5381**	**4.9000e-004**	**1.5386**	**0.1612**	**4.6000e-004**	**0.1617**		**123.7957**	**123.7957**	**8.1600e-003**		**123.9997**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.7089					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253
Total	**0.9645**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**	**0.0000**	**375.2641**	**375.2641**	**0.0225**		**375.8253**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.1679	14.1679	3.7000e-004		14.1771
Total	**0.0162**	**0.3059**	**0.1417**	**1.1600e-003**	**0.6837**	**4.9000e-004**	**0.6841**	**0.0759**	**4.6000e-004**	**0.0763**		**123.7957**	**123.7957**	**8.1600e-003**		**123.9997**

3.30 Fire Station Landscaping - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1302	1.7294	2.7708	4.1400e-003		0.0585	0.0585		0.0538	0.0538		400.9725	400.9725	0.1297		404.2145
Total	**0.1302**	**1.7294**	**2.7708**	**4.1400e-003**	**0.0000**	**0.0585**	**0.0585**	**0.0000**	**0.0538**	**0.0538**		**400.9725**	**400.9725**	**0.1297**		**404.2145**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**2.1900**	**6.0000e-004**	**2.1906**	**0.2289**	**5.6000e-004**	**0.2295**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1302	1.7294	2.7708	4.1400e-003		0.0585	0.0585		0.0538	0.0538	0.0000	400.9725	400.9725	0.1297		404.2145
Total	**0.1302**	**1.7294**	**2.7708**	**4.1400e-003**	**0.0000**	**0.0585**	**0.0585**	**0.0000**	**0.0538**	**0.0538**	**0.0000**	**400.9725**	**400.9725**	**0.1297**		**404.2145**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**0.9723**	**6.0000e-004**	**0.9729**	**0.1073**	**5.6000e-004**	**0.1079**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

3.31 Fire Station 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	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0511**	**0.7710**	**0.4187**	**3.1100e-003**	**4.8230**	**1.3800e-003**	**4.8244**	**0.5046**	**1.3000e-003**	**0.5059**		**330.7410**	**330.7410**	**0.0210**		**331.2649**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	0.9876	9.4000e-004	0.9885	0.1110	9.0000e-004	0.1119		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0511**	**0.7710**	**0.4187**	**3.1100e-003**	**2.1421**	**1.3800e-003**	**2.1434**	**0.2368**	**1.3000e-003**	**0.2381**		**330.7410**	**330.7410**	**0.0210**		**331.2649**

CalEEMod Version: CalEEMod.2016.3.1 Date: 8/22/2017 12:43 PM

Central Village Non-Residential 1-LEA

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	0.00	14,420.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2023
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Residential_Exterior	9734	0
tblAreaCoating	Area_Residential_Interior	29201	0
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
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tblConstructionPhase	NumDays	0.00	44.00
tblConstructionPhase	NumDays	0.00	44.00
tblConstructionPhase	NumDays	0.00	44.00
tblConstructionPhase	NumDays	0.00	44.00
tblConstructionPhase	NumDays	0.00	247.00
tblConstructionPhase	NumDays	0.00	84.00
tblConstructionPhase	NumDays	0.00	103.00
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tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-19
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblGrading	AcresOfGrading	0.00	0.50
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tblGrading	AcresOfGrading	4.50	41.50
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tblLandUse	LandUseSquareFeet	0.00	14,420.00
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tblProjectCharacteristics	OperationalYear	2018	2023
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	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					
2019	4.3927	46.0961	22.5005	0.0400	22.2120	2.3944	24.6064	10.3628	2.2030	12.5658	0.0000	3,971.8795	3,971.8795	1.2036	0.0000	4,001.9692
2020	0.7252	5.4349	5.4553	8.6300e-003	2.1900	0.3191	2.5091	0.2289	0.3006	0.5295	0.0000	807.6030	807.6030	0.1855	0.0000	812.2405
2021	8.1360	79.3253	58.0801	0.1028	36.3705	4.1000	40.4706	11.8366	3.8108	15.6474	0.0000	9,898.2984	9,898.2984	2.5784	0.0000	9,962.7571
2022	9.9409	50.7065	38.3695	0.0723	33.5287	2.4809	36.0096	11.5399	2.2994	13.8393	0.0000	6,983.6200	6,983.6200	1.8883	0.0000	7,030.8278
2023	3.7783	38.8101	33.5561	0.0659	27.0350	1.7785	28.8134	10.8674	1.6362	12.5036	0.0000	6,424.5582	6,424.5582	1.9359	0.0000	6,472.9558
Maximum	**9.9409**	**79.3253**	**58.0801**	**0.1028**	**36.3705**	**4.1000**	**40.4706**	**11.8366**	**3.8108**	**15.6474**	**0.0000**	**9,898.2984**	**9,898.2984**	**2.5784**	**0.0000**	**9,962.7571**

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					
2019	4.3927	46.0961	22.5005	0.0400	8.8840	2.3944	11.2784	4.0746	2.2030	6.2776	0.0000	3,971.8795	3,971.8795	1.2036	0.0000	4,001.9692
2020	0.7252	5.4349	5.4553	8.6300e-003	0.9723	0.3191	1.2914	0.1073	0.3006	0.4079	0.0000	807.6030	807.6030	0.1855	0.0000	812.2405
2021	8.1360	79.3253	58.0801	0.1028	15.1577	4.1000	19.2578	4.7608	3.8108	8.5716	0.0000	9,898.2984	9,898.2984	2.5784	0.0000	9,962.7571
2022	9.9409	50.7065	38.3695	0.0723	13.8968	2.4809	16.3778	4.6220	2.2994	6.9214	0.0000	6,983.6199	6,983.6199	1.8883	0.0000	7,030.8278
2023	3.7783	38.8101	33.5561	0.0659	11.0260	1.7785	12.8045	4.3114	1.6362	5.9476	0.0000	6,424.5582	6,424.5582	1.9359	0.0000	6,472.9558
Maximum	**9.9409**	**79.3253**	**58.0801**	**0.1028**	**15.1577**	**4.1000**	**19.2578**	**4.7608**	**3.8108**	**8.5716**	**0.0000**	**9,898.2984**	**9,898.2984**	**2.5784**	**0.0000**	**9,962.7571**

	ROG	NOx	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**	**58.84**	**0.00**	**53.92**	**60.13**	**0.00**	**48.94**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.4900e-003	9.5000e-004	0.0825	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**2.4900e-003**	**9.5000e-004**	**0.0825**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.4900e-003	9.5000e-004	0.0825	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**2.4900e-003**	**9.5000e-004**	**0.0825**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

	ROG	NOx	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	Park 1- Site Preparation	Site Preparation	10/1/2019	10/2/2019	5	2	
2	Park 1- Grading	Grading	10/3/2019	10/7/2019	5	3	
3	Park 1- Building Construction	Building Construction	10/8/2019	2/3/2020	5	85	
4	Park 1- Landscaping	Site Preparation	2/1/2021	2/28/2021	5	20	
5	Park 1- Paving	Paving	3/1/2021	3/31/2021	5	23	
6	Commercial 1- Site Preparation	Site Preparation	6/1/2021	6/2/2021	5	2	
7	Commercial 1- Grading	Grading	6/3/2021	6/9/2021	5	5	
8	Commercial 1- Building	Building Construction	6/10/2021	11/30/2021	5	124	
9	School - Landscaping	Site Preparation	7/1/2021	7/8/2021	5	6	
10	School - Grading	Grading	7/9/2021	7/21/2021	5	9	
11	School - Building Construction	Building Construction	7/22/2021	7/2/2022	5	247	
12	Park 4- Site Preparation	Site Preparation	9/1/2021	9/2/2021	5	2	
13	Park 4- Grading	Grading	9/3/2021	9/7/2021	5	3	
14	Park 4- Building Construction	Building Construction	9/8/2021	1/3/2022	5	84	
15	Fire Station Site Preparation	Site Preparation	2/1/2022	2/3/2022	5	3	
16	Fire Station Grading	Grading	2/4/2022	2/9/2022	5	4	
17	Fire Station Building	Building Construction	2/10/2022	7/4/2022	5	103	
18	Commercial 1 - Architectural	Architectural Coating	10/1/2022	11/30/2022	5	43	
19	Park 4- Architectural Coating	Architectural Coating	11/1/2022	12/31/2022	5	44	
20	Commercial 1- Landscaping	Site Preparation	12/1/2022	12/31/2022	5	22	
21	Park 1 - Architectural Coating	Architectural Coating	12/1/2022	1/31/2023	5	44	
22	School -Architectural Coating	Architectural Coating	12/1/2022	1/31/2023	5	44	
23	Park 4- Landscaping	Site Preparation	1/1/2023	1/31/2023	5	22	
24	Commercial 1- Paving	Paving	1/1/2023	1/31/2023	5	22	
25	Park 4- Paving	Paving	2/1/2023	2/28/2023	5	20	
26	School - Site Prep	Site Preparation	7/1/2023	7/31/2023	5	21	
27	School - Paving	Paving	7/1/2023	7/31/2023	5	21	
28	Fire Station - Architectural	Architectural Coating	8/1/2023	9/30/2023	5	44	
29	Fire Station Landscaping	Site Preparation	11/1/2023	11/30/2023	5	22	
30	Fire Station Paving	Paving	12/1/2023	12/31/2023	5	21	

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: 90,000; Non-Residential Outdoor: 30,000; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 1- Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Park 1- Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Park 1- Paving	Paving Equipment	2	8.00	132	0.36
Park 1- Paving	Pavers	2	8.00	130	0.42
Park 1- Grading	Rubber Tired Dozers	1	1.00	247	0.40
Park 1- Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Park 1- Building Construction	Forklifts	1	8.00	89	0.20
Park 1- Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 1- Building Construction	Welders	1	8.00	46	0.45
Park 1 - Architectural Coating	Air Compressors	1	8.00	78	0.48
Park 1- Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Commercial 1- Site Preparation	Rollers	3	8.00	80	0.38
Commercial 1- Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Commercial 1- Grading	Excavators	1	8.00	158	0.38
Commercial 1- Grading	Graders	1	8.00	187	0.41
Commercial 1- Grading	Rubber Tired Dozers	1	8.00	247	0.40
Commercial 1- Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Park 1- Paving	Rollers	2	8.00	80	0.38
School - Site Prep	Rubber Tired Dozers	3	8.00	247	0.40
School - Site Prep	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Commercial 1- Building Construction	Cranes	1	8.00	231	0.29
Commercial 1- Building Construction	Forklifts	3	8.00	89	0.20
Commercial 1- Building Construction	Generator Sets	1	8.00	84	0.74
Commercial 1- Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Commercial 1- Building Construction	Welders	1	8.00	46	0.45
School - Grading	Excavators	1	8.00	158	0.38

School - Grading	Graders	1	8.00	187	0.41
School - Grading	Rubber Tired Dozers	1	8.00	247	0.40
School - Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
School - Building Construction	Cranes	1	8.00	231	0.29
School - Building Construction	Forklifts	3	8.00	89	0.20
School - Building Construction	Generator Sets	1	8.00	84	0.74
School - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
School - Building Construction	Welders	1	8.00	46	0.45
Park 4- Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Park 4- Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Park 4- Grading	Excavators	1	8.00	158	0.38
Park 4- Grading	Graders	1	8.00	187	0.41
Park 4- Grading	Rubber Tired Dozers	1	8.00	247	0.40
Park 4- Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Park 4- Building Construction	Forklifts	1	8.00	89	0.20
Park 4- Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 4- Building Construction	Welders	1	8.00	46	0.45
Commercial 1 - Architectural Coating	Air Compressors	1	8.00	78	0.48
Park 4- Architectural Coating	Air Compressors	1	8.00	78	0.48
School - Landscaping	Skid Steer Loaders	2	8.00	65	0.37
School - Paving	Pavers	2	8.00	130	0.42
School - Paving	Paving Equipment	2	8.00	132	0.36
School - Paving	Rollers	2	8.00	80	0.38
Fire Station - Architectural Coating	Air Compressors	1	8.00	78	0.48
Fire Station Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Fire Station Paving	Pavers	2	8.00	130	0.42
Fire Station Paving	Paving Equipment	2	8.00	132	0.36
Fire Station Paving	Rollers	2	8.00	80	0.38
School -Architectural Coating	Air Compressors	1	8.00	78	0.48

Commercial 1- Paving	Pavers	2	8.00	130	0.42
Commercial 1- Paving	Paving Equipment	2	8.00	132	0.36
Commercial 1- Paving	Rollers	2	8.00	80	0.38
Park 4- Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Commercial 1- Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Park 4- Paving	Pavers	2	8.00	130	0.42
Park 4- Paving	Paving Equipment	2	8.00	132	0.36
Park 4- Paving	Rollers	2	8.00	80	0.38
Fire Station Site Preparation	Pavers	2	8.00	130	0.42
Fire Station Site Preparation	Paving Equipment	2	8.00	132	0.36
Fire Station Site Preparation	Rollers	2	8.00	80	0.38
Fire Station Grading	Rubber Tired Dozers	3	8.00	247	0.40
Fire Station Grading	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Fire Station Building Construction	Cranes	1	8.00	231	0.29
Fire Station Building Construction	Forklifts	3	8.00	89	0.20
Fire Station Building Construction	Generator Sets	1	8.00	84	0.74
Fire Station Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Fire Station Building Construction	Welders	1	8.00	46	0.45

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
Park 1- Site Preparation	0	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Grading	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Building Construction	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1- Site Preparation	0	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1- Grading	0	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1- Building Construction	0	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School - Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School - Grading	0	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School - Building Construction	0	32.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Site Preparation	0	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Grading	0	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Building Construction	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station Site Preparation	0	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station Grading	0	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station Building Construction	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1 - Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1- Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1 - Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School -Architectural Coating	0	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1- Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School - Site Prep	0	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School - Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station - Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Park 1- Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991		3,766.4529	3,766.4529	1.1917		3,796.2445
Total	**4.3350**	**45.5727**	**22.0630**	**0.0380**	**18.0663**	**2.3904**	**20.4566**	**9.9307**	**2.1991**	**12.1298**		**3,766.4529**	**3,766.4529**	**1.1917**		**3,796.2445**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.8862	3.4500e-003	0.8896	0.0935	3.3000e-003	0.0968		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0393	0.0274	0.3094	8.7000e-004	3.2596	5.9000e-004	3.2601	0.3387	5.4000e-004	0.3392		87.0200	87.0200	2.7800e-003		87.0894
Total	**0.0577**	**0.5234**	**0.4375**	**1.9700e-003**	**4.1457**	**4.0400e-003**	**4.1497**	**0.4321**	**3.8400e-003**	**0.4359**		**205.4266**	**205.4266**	**0.0119**		**205.7246**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445
Total	**4.3350**	**45.5727**	**22.0630**	**0.0380**	**7.0458**	**2.3904**	**9.4362**	**3.8730**	**2.1991**	**6.0721**	**0.0000**	**3,766.4529**	**3,766.4529**	**1.1917**		**3,796.2445**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.3950	3.4500e-003	0.3985	0.0444	3.3000e-003	0.0477		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0393	0.0274	0.3094	8.7000e-004	1.4431	5.9000e-004	1.4437	0.1572	5.4000e-004	0.1577		87.0200	87.0200	2.7800e-003		87.0894
Total	**0.0577**	**0.5234**	**0.4375**	**1.9700e-003**	**1.8381**	**4.0400e-003**	**1.8422**	**0.2016**	**3.8400e-003**	**0.2055**		**205.4266**	**205.4266**	**0.0119**		**205.7246**

3.3 Park 1- Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.9295	0.0000	0.9295	0.4329	0.0000	0.4329			0.0000			0.0000
Off-Road	0.4910	5.0154	3.9895	5.7200e-003		0.3077	0.3077		0.2830	0.2830		566.9914	566.9914	0.1794		571.4761
Total	**0.4910**	**5.0154**	**3.9895**	**5.7200e-003**	**0.9295**	**0.3077**	**1.2372**	**0.4329**	**0.2830**	**0.7159**		**566.9914**	**566.9914**	**0.1794**		**571.4761**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.8862	3.4500e-003	0.8896	0.0935	3.3000e-003	0.0968		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0157	0.0110	0.1238	3.5000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.2000e-004	0.1357		34.8080	34.8080	1.1100e-003		34.8358
Total	**0.0341**	**0.5069**	**0.2518**	**1.4500e-003**	**2.1900**	**3.6800e-003**	**2.1937**	**0.2289**	**3.5200e-003**	**0.2324**		**153.2146**	**153.2146**	**0.0103**		**153.4710**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.3625	0.0000	0.3625	0.1688	0.0000	0.1688			0.0000			0.0000
Off-Road	0.4910	5.0154	3.9895	5.7200e-003		0.3077	0.3077		0.2830	0.2830	0.0000	566.9914	566.9914	0.1794		571.4761
Total	**0.4910**	**5.0154**	**3.9895**	**5.7200e-003**	**0.3625**	**0.3077**	**0.6702**	**0.1688**	**0.2830**	**0.4519**	**0.0000**	**566.9914**	**566.9914**	**0.1794**		**571.4761**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.3950	3.4500e-003	0.3985	0.0444	3.3000e-003	0.0477		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0157	0.0110	0.1238	3.5000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.2000e-004	0.0631		34.8080	34.8080	1.1100e-003		34.8358
Total	**0.0341**	**0.5069**	**0.2518**	**1.4500e-003**	**0.9723**	**3.6800e-003**	**0.9760**	**0.1073**	**3.5200e-003**	**0.1108**		**153.2146**	**153.2146**	**0.0103**		**153.4710**

3.4 Park 1- Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7779	5.3899	5.3040	7.1900e-003		0.3664	0.3664		0.3450	0.3450		666.3400	666.3400	0.1799		670.8366
Total	**0.7779**	**5.3899**	**5.3040**	**7.1900e-003**		**0.3664**	**0.3664**		**0.3450**	**0.3450**		**666.3400**	**666.3400**	**0.1799**		**670.8366**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.8862	3.4500e-003	0.8896	0.0935	3.3000e-003	0.0968		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0157	0.0110	0.1238	3.5000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.2000e-004	0.1357		34.8080	34.8080	1.1100e-003		34.8358
Total	**0.0341**	**0.5069**	**0.2518**	**1.4500e-003**	**2.1900**	**3.6800e-003**	**2.1937**	**0.2289**	**3.5200e-003**	**0.2324**		**153.2146**	**153.2146**	**0.0103**		**153.4710**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7779	5.3899	5.3040	7.1900e-003		0.3664	0.3664		0.3450	0.3450	0.0000	666.3400	666.3400	0.1799		670.8366
Total	**0.7779**	**5.3899**	**5.3040**	**7.1900e-003**		**0.3664**	**0.3664**		**0.3450**	**0.3450**	**0.0000**	**666.3400**	**666.3400**	**0.1799**		**670.8366**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.3950	3.4500e-003	0.3985	0.0444	3.3000e-003	0.0477		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0157	0.0110	0.1238	3.5000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.2000e-004	0.0631		34.8080	34.8080	1.1100e-003		34.8358
Total	**0.0341**	**0.5069**	**0.2518**	**1.4500e-003**	**0.9723**	**3.6800e-003**	**0.9760**	**0.1073**	**3.5200e-003**	**0.1108**		**153.2146**	**153.2146**	**0.0103**		**153.4710**

3.4 Park 1- Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6956	4.9740	5.2270	7.1900e-003		0.3167	0.3167		0.2983	0.2983		656.2771	656.2771	0.1758		660.6725
Total	**0.6956**	**4.9740**	**5.2270**	**7.1900e-003**		**0.3167**	**0.3167**		**0.2983**	**0.2983**		**656.2771**	**656.2771**	**0.1758**		**660.6725**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**2.1900**	**2.4400e-003**	**2.1924**	**0.2289**	**2.3200e-003**	**0.2312**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6956	4.9740	5.2270	7.1900e-003		0.3167	0.3167		0.2983	0.2983	0.0000	656.2771	656.2771	0.1758		660.6725
Total	**0.6956**	**4.9740**	**5.2270**	**7.1900e-003**		**0.3167**	**0.3167**		**0.2983**	**0.2983**	**0.0000**	**656.2771**	**656.2771**	**0.1758**		**660.6725**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**0.9723**	**2.4400e-003**	**0.9747**	**0.1073**	**2.3200e-003**	**0.1096**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

3.5 Park 1- Landscaping - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1510	2.0071	2.7799	4.1400e-003		0.0817	0.0817		0.0751	0.0751		400.3967	400.3967	0.1295		403.6342
Total	**0.1510**	**2.0071**	**2.7799**	**4.1400e-003**	**0.0000**	**0.0817**	**0.0817**	**0.0000**	**0.0751**	**0.0751**		**400.3967**	**400.3967**	**0.1295**		**403.6342**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**2.1900**	**1.0900e-003**	**2.1911**	**0.2289**	**1.0300e-003**	**0.2300**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1510	2.0071	2.7799	4.1400e-003		0.0817	0.0817		0.0751	0.0751	0.0000	400.3967	400.3967	0.1295		403.6342
Total	**0.1510**	**2.0071**	**2.7799**	**4.1400e-003**	**0.0000**	**0.0817**	**0.0817**	**0.0000**	**0.0751**	**0.0751**	**0.0000**	**400.3967**	**400.3967**	**0.1295**		**403.6342**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**0.9723**	**1.0900e-003**	**0.9734**	**0.1073**	**1.0300e-003**	**0.1083**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

3.6 Park 1- Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.2556**	**12.9191**	**14.6532**	**0.0228**		**0.6777**	**0.6777**		**0.6235**	**0.6235**		**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0302	1.0183	0.2595	2.7100e-003	2.2154	2.1400e-003	2.2175	0.2337	2.0500e-003	0.2357		291.3520	291.3520	0.0208		291.8724
Worker	0.0277	0.0180	0.2122	6.5000e-004	2.6076	4.5000e-004	2.6081	0.2709	4.2000e-004	0.2713		65.1553	65.1553	1.8600e-003		65.2018
Total	**0.0579**	**1.0363**	**0.4717**	**3.3600e-003**	**4.8230**	**2.5900e-003**	**4.8256**	**0.5046**	**2.4700e-003**	**0.5070**		**356.5072**	**356.5072**	**0.0227**		**357.0742**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.2556**	**12.9191**	**14.6532**	**0.0228**		**0.6777**	**0.6777**		**0.6235**	**0.6235**	**0.0000**	**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0302	1.0183	0.2595	2.7100e-003	0.9876	2.1400e-003	0.9897	0.1110	2.0500e-003	0.1131		291.3520	291.3520	0.0208		291.8724
Worker	0.0277	0.0180	0.2122	6.5000e-004	1.1545	4.5000e-004	1.1549	0.1258	4.2000e-004	0.1262		65.1553	65.1553	1.8600e-003		65.2018
Total	**0.0579**	**1.0363**	**0.4717**	**3.3600e-003**	**2.1421**	**2.5900e-003**	**2.1447**	**0.2368**	**2.4700e-003**	**0.2392**		**356.5072**	**356.5072**	**0.0227**		**357.0742**

3.7 Commercial 1- 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.3176	13.3560	14.6822	0.0203		0.8000	0.8000		0.7360	0.7360		1,965.8669	1,965.8669	0.6358		1,981.7620
Total	**1.3176**	**13.3560**	**14.6822**	**0.0203**	**0.0000**	**0.8000**	**0.8000**	**0.0000**	**0.7360**	**0.7360**		**1,965.8669**	**1,965.8669**	**0.6358**		**1,981.7620**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0346	0.0225	0.2652	8.2000e-004	3.2596	5.7000e-004	3.2601	0.3387	5.2000e-004	0.3392		81.4441	81.4441	2.3200e-003		81.5022
Total	**0.0467**	**0.4298**	**0.3690**	**1.9000e-003**	**4.1457**	**1.4300e-003**	**4.1471**	**0.4321**	**1.3400e-003**	**0.4335**		**197.9849**	**197.9849**	**0.0107**		**198.2512**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.3176	13.3560	14.6822	0.0203		0.8000	0.8000		0.7360	0.7360	0.0000	1,965.8669	1,965.8669	0.6358		1,981.7620
Total	**1.3176**	**13.3560**	**14.6822**	**0.0203**	**0.0000**	**0.8000**	**0.8000**	**0.0000**	**0.7360**	**0.7360**	**0.0000**	**1,965.8669**	**1,965.8669**	**0.6358**		**1,981.7620**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0346	0.0225	0.2652	8.2000e-004	1.4431	5.7000e-004	1.4437	0.1572	5.2000e-004	0.1577		81.4441	81.4441	2.3200e-003		81.5022
Total	**0.0467**	**0.4298**	**0.3690**	**1.9000e-003**	**1.8381**	**1.4300e-003**	**1.8395**	**0.2016**	**1.3400e-003**	**0.2029**		**197.9849**	**197.9849**	**0.0107**		**198.2512**

3.8 Commercial 1- 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					6.2342	0.0000	6.2342	3.3331	0.0000	3.3331			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**2.2903**	**24.7367**	**15.8575**	**0.0296**	**6.2342**	**1.1599**	**7.3941**	**3.3331**	**1.0671**	**4.4003**		**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0277	0.0180	0.2122	6.5000e-004	2.6076	4.5000e-004	2.6081	0.2709	4.2000e-004	0.2713		65.1553	65.1553	1.8600e-003		65.2018
Total	**0.0398**	**0.4253**	**0.3160**	**1.7300e-003**	**3.4938**	**1.3100e-003**	**3.4951**	**0.3644**	**1.2400e-003**	**0.3656**		**181.6961**	**181.6961**	**0.0102**		**181.9507**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.4313	0.0000	2.4313	1.2999	0.0000	1.2999			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**2.2903**	**24.7367**	**15.8575**	**0.0296**	**2.4313**	**1.1599**	**3.5912**	**1.2999**	**1.0671**	**2.3670**	**0.0000**	**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0277	0.0180	0.2122	6.5000e-004	1.1545	4.5000e-004	1.1549	0.1258	4.2000e-004	0.1262		65.1553	65.1553	1.8600e-003		65.2018
Total	**0.0398**	**0.4253**	**0.3160**	**1.7300e-003**	**1.5495**	**1.3100e-003**	**1.5508**	**0.1702**	**1.2400e-003**	**0.1714**		**181.6961**	**181.6961**	**0.0102**		**181.9507**

3.9 Commercial 1- Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0228	18.7492	17.6706	0.0288		1.0251	1.0251		0.9625	0.9625		2,736.0438	2,736.0438	0.6751		2,752.9212
Total	**2.0228**	**18.7492**	**17.6706**	**0.0288**		**1.0251**	**1.0251**		**0.9625**	**0.9625**		**2,736.0438**	**2,736.0438**	**0.6751**		**2,752.9212**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0208	0.0135	0.1591	4.9000e-004	1.9557	3.4000e-004	1.9561	0.2032	3.1000e-004	0.2035		48.8665	48.8665	1.3900e-003		48.9013
Total	**0.0329**	**0.4208**	**0.2629**	**1.5700e-003**	**2.8419**	**1.2000e-003**	**2.8431**	**0.2967**	**1.1300e-003**	**0.2978**		**165.4072**	**165.4072**	**9.7200e-003**		**165.6503**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0228	18.7492	17.6706	0.0288		1.0251	1.0251		0.9625	0.9625	0.0000	2,736.0438	2,736.0438	0.6751		2,752.9212
Total	**2.0228**	**18.7492**	**17.6706**	**0.0288**		**1.0251**	**1.0251**		**0.9625**	**0.9625**	**0.0000**	**2,736.0438**	**2,736.0438**	**0.6751**		**2,752.9212**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0208	0.0135	0.1591	4.9000e-004	0.8659	3.4000e-004	0.8662	0.0943	3.1000e-004	0.0946		48.8665	48.8665	1.3900e-003		48.9013
Total	**0.0329**	**0.4208**	**0.2629**	**1.5700e-003**	**1.2609**	**1.2000e-003**	**1.2621**	**0.1387**	**1.1300e-003**	**0.1399**		**165.4072**	**165.4072**	**9.7200e-003**		**165.6503**

3.10 School - Landscaping - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1510	2.0071	2.7799	4.1400e-003		0.0817	0.0817		0.0751	0.0751		400.3967	400.3967	0.1295		403.6342
Total	**0.1510**	**2.0071**	**2.7799**	**4.1400e-003**	**0.0000**	**0.0817**	**0.0817**	**0.0000**	**0.0751**	**0.0751**		**400.3967**	**400.3967**	**0.1295**		**403.6342**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**2.1900**	**1.0900e-003**	**2.1911**	**0.2289**	**1.0300e-003**	**0.2300**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1510	2.0071	2.7799	4.1400e-003		0.0817	0.0817		0.0751	0.0751	0.0000	400.3967	400.3967	0.1295		403.6342
Total	**0.1510**	**2.0071**	**2.7799**	**4.1400e-003**	**0.0000**	**0.0817**	**0.0817**	**0.0000**	**0.0751**	**0.0751**	**0.0000**	**400.3967**	**400.3967**	**0.1295**		**403.6342**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**0.9723**	**1.0900e-003**	**0.9734**	**0.1073**	**1.0300e-003**	**0.1083**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

3.11 School - 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					10.9122	0.0000	10.9122	3.8382	0.0000	3.8382			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**2.2903**	**24.7367**	**15.8575**	**0.0296**	**10.9122**	**1.1599**	**12.0721**	**3.8382**	**1.0671**	**4.9054**		**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0277	0.0180	0.2122	6.5000e-004	2.6076	4.5000e-004	2.6081	0.2709	4.2000e-004	0.2713		65.1553	65.1553	1.8600e-003		65.2018
Total	**0.0398**	**0.4253**	**0.3160**	**1.7300e-003**	**3.4938**	**1.3100e-003**	**3.4951**	**0.3644**	**1.2400e-003**	**0.3656**		**181.6961**	**181.6961**	**0.0102**		**181.9507**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.2558	0.0000	4.2558	1.4969	0.0000	1.4969			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**2.2903**	**24.7367**	**15.8575**	**0.0296**	**4.2558**	**1.1599**	**5.4157**	**1.4969**	**1.0671**	**2.5640**	**0.0000**	**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0277	0.0180	0.2122	6.5000e-004	1.1545	4.5000e-004	1.1549	0.1258	4.2000e-004	0.1262		65.1553	65.1553	1.8600e-003		65.2018
Total	**0.0398**	**0.4253**	**0.3160**	**1.7300e-003**	**1.5495**	**1.3100e-003**	**1.5508**	**0.1702**	**1.2400e-003**	**0.1714**		**181.6961**	**181.6961**	**0.0102**		**181.9507**

3.12 School - Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0228	18.7492	17.6706	0.0288		1.0251	1.0251		0.9625	0.9625		2,736.0438	2,736.0438	0.6751		2,752.9212
Total	**2.0228**	**18.7492**	**17.6706**	**0.0288**		**1.0251**	**1.0251**		**0.9625**	**0.9625**		**2,736.0438**	**2,736.0438**	**0.6751**		**2,752.9212**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.1107	0.0719	0.8488	2.6200e-003	10.4305	1.8200e-003	10.4324	1.0837	1.6700e-003	1.0853		260.6211	260.6211	7.4400e-003		260.8070
Total	**0.1228**	**0.4792**	**0.9526**	**3.7000e-003**	**11.3167**	**2.6800e-003**	**11.3194**	**1.1771**	**2.4900e-003**	**1.1796**		**377.1619**	**377.1619**	**0.0158**		**377.5560**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.0228	18.7492	17.6706	0.0288		1.0251	1.0251		0.9625	0.9625	0.0000	2,736.0438	2,736.0438	0.6751		2,752.9212
Total	**2.0228**	**18.7492**	**17.6706**	**0.0288**		**1.0251**	**1.0251**		**0.9625**	**0.9625**	**0.0000**	**2,736.0438**	**2,736.0438**	**0.6751**		**2,752.9212**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.1107	0.0719	0.8488	2.6200e-003	4.6179	1.8200e-003	4.6197	0.5031	1.6700e-003	0.5047		260.6211	260.6211	7.4400e-003		260.8070
Total	**0.1228**	**0.4792**	**0.9526**	**3.7000e-003**	**5.0129**	**2.6800e-003**	**5.0156**	**0.5475**	**2.4900e-003**	**0.5499**		**377.1619**	**377.1619**	**0.0158**		**377.5560**

3.12 School - Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8146	16.7670	17.4392	0.0288		0.8645	0.8645		0.8122	0.8122		2,737.1520	2,737.1520	0.6711		2,753.9288
Total	**1.8146**	**16.7670**	**17.4392**	**0.0288**		**0.8645**	**0.8645**		**0.8122**	**0.8122**		**2,737.1520**	**2,737.1520**	**0.6711**		**2,753.9288**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.1046	0.0656	0.7893	2.5200e-003	10.4305	1.7800e-003	10.4323	1.0837	1.6400e-003	1.0853		251.0591	251.0591	6.8200e-003		251.2296
Total	**0.1159**	**0.4505**	**0.8876**	**3.5900e-003**	**11.3167**	**2.5200e-003**	**11.3192**	**1.1771**	**2.3400e-003**	**1.1795**		**366.5046**	**366.5046**	**0.0149**		**366.8769**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8146	16.7670	17.4392	0.0288		0.8645	0.8645		0.8122	0.8122	0.0000	2,737.1520	2,737.1520	0.6711		2,753.9288
Total	**1.8146**	**16.7670**	**17.4392**	**0.0288**		**0.8645**	**0.8645**		**0.8122**	**0.8122**	**0.0000**	**2,737.1520**	**2,737.1520**	**0.6711**		**2,753.9288**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.1046	0.0656	0.7893	2.5200e-003	4.6179	1.7800e-003	4.6196	0.5031	1.6400e-003	0.5047		251.0591	251.0591	6.8200e-003		251.2296
Total	**0.1159**	**0.4505**	**0.8876**	**3.5900e-003**	**5.0129**	**2.5200e-003**	**5.0154**	**0.5475**	**2.3400e-003**	**0.5498**		**366.5046**	**366.5046**	**0.0149**		**366.8769**

3.13 Park 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**18.0663**	**2.0445**	**20.1107**	**9.9307**	**1.8809**	**11.8116**		**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0346	0.0225	0.2652	8.2000e-004	3.2596	5.7000e-004	3.2601	0.3387	5.2000e-004	0.3392		81.4441	81.4441	2.3200e-003		81.5022
Total	**0.0467**	**0.4298**	**0.3690**	**1.9000e-003**	**4.1457**	**1.4300e-003**	**4.1471**	**0.4321**	**1.3400e-003**	**0.4335**		**197.9849**	**197.9849**	**0.0107**		**198.2512**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**7.0458**	**2.0445**	**9.0903**	**3.8730**	**1.8809**	**5.7539**	**0.0000**	**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0346	0.0225	0.2652	8.2000e-004	1.4431	5.7000e-004	1.4437	0.1572	5.2000e-004	0.1577		81.4441	81.4441	2.3200e-003		81.5022
Total	**0.0467**	**0.4298**	**0.3690**	**1.9000e-003**	**1.8381**	**1.4300e-003**	**1.8395**	**0.2016**	**1.3400e-003**	**0.2029**		**197.9849**	**197.9849**	**0.0107**		**198.2512**

3.14 Park 4- Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.5571	0.0000	9.5571	3.6919	0.0000	3.6919			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**2.2903**	**24.7367**	**15.8575**	**0.0296**	**9.5571**	**1.1599**	**10.7170**	**3.6919**	**1.0671**	**4.7590**		**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0277	0.0180	0.2122	6.5000e-004	2.6076	4.5000e-004	2.6081	0.2709	4.2000e-004	0.2713		65.1553	65.1553	1.8600e-003		65.2018
Total	**0.0398**	**0.4253**	**0.3160**	**1.7300e-003**	**3.4938**	**1.3100e-003**	**3.4951**	**0.3644**	**1.2400e-003**	**0.3656**		**181.6961**	**181.6961**	**0.0102**		**181.9507**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.7273	0.0000	3.7273	1.4399	0.0000	1.4399			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	**2.2903**	**24.7367**	**15.8575**	**0.0296**	**3.7273**	**1.1599**	**4.8872**	**1.4399**	**1.0671**	**2.5070**	**0.0000**	**2,871.9285**	**2,871.9285**	**0.9288**		**2,895.1495**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0277	0.0180	0.2122	6.5000e-004	1.1545	4.5000e-004	1.1549	0.1258	4.2000e-004	0.1262		65.1553	65.1553	1.8600e-003		65.2018
Total	**0.0398**	**0.4253**	**0.3160**	**1.7300e-003**	**1.5495**	**1.3100e-003**	**1.5508**	**0.1702**	**1.2400e-003**	**0.1714**		**181.6961**	**181.6961**	**0.0102**		**181.9507**

3.15 Park 4- Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6193	4.5838	5.1469	7.1900e-003		0.2696	0.2696		0.2540	0.2540		656.4086	656.4086	0.1722		660.7139
Total	**0.6193**	**4.5838**	**5.1469**	**7.1900e-003**		**0.2696**	**0.2696**		**0.2540**	**0.2540**		**656.4086**	**656.4086**	**0.1722**		**660.7139**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**2.1900**	**1.0900e-003**	**2.1911**	**0.2289**	**1.0300e-003**	**0.2300**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6193	4.5838	5.1469	7.1900e-003		0.2696	0.2696		0.2540	0.2540	0.0000	656.4086	656.4086	0.1722		660.7139
Total	**0.6193**	**4.5838**	**5.1469**	**7.1900e-003**		**0.2696**	**0.2696**		**0.2540**	**0.2540**	**0.0000**	**656.4086**	**656.4086**	**0.1722**		**660.7139**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**0.9723**	**1.0900e-003**	**0.9734**	**0.1073**	**1.0300e-003**	**0.1083**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

3.15 Park 4- 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	0.5550	4.1934	5.0875	7.1900e-003		0.2239	0.2239		0.2111	0.2111		656.7475	656.7475	0.1701		661.0007
Total	**0.5550**	**4.1934**	**5.0875**	**7.1900e-003**		**0.2239**	**0.2239**		**0.2111**	**0.2111**		**656.7475**	**656.7475**	**0.1701**		**661.0007**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**2.1900**	**9.6000e-004**	**2.1909**	**0.2289**	**9.0000e-004**	**0.2298**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5550	4.1934	5.0875	7.1900e-003		0.2239	0.2239		0.2111	0.2111	0.0000	656.7475	656.7475	0.1701		661.0007
Total	**0.5550**	**4.1934**	**5.0875**	**7.1900e-003**		**0.2239**	**0.2239**		**0.2111**	**0.2111**	**0.0000**	**656.7475**	**656.7475**	**0.1701**		**661.0007**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**0.9723**	**9.6000e-004**	**0.9732**	**0.1073**	**9.0000e-004**	**0.1082**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

3.16 Fire Station 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Total	**1.1028**	**11.1249**	**14.5805**	**0.0228**	**0.0000**	**0.5679**	**0.5679**	**0.0000**	**0.5225**	**0.5225**		**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0262	0.0164	0.1973	6.3000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.1000e-004	0.2713		62.7648	62.7648	1.7000e-003		62.8074
Total	**0.0374**	**0.4013**	**0.2956**	**1.7000e-003**	**3.4938**	**1.1800e-003**	**3.4950**	**0.3644**	**1.1100e-003**	**0.3655**		**178.2103**	**178.2103**	**9.7700e-003**		**178.4547**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Total	**1.1028**	**11.1249**	**14.5805**	**0.0228**	**0.0000**	**0.5679**	**0.5679**	**0.0000**	**0.5225**	**0.5225**	**0.0000**	**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0262	0.0164	0.1973	6.3000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.1000e-004	0.1262		62.7648	62.7648	1.7000e-003		62.8074
Total	**0.0374**	**0.4013**	**0.2956**	**1.7000e-003**	**1.5495**	**1.1800e-003**	**1.5507**	**0.1702**	**1.1100e-003**	**0.1713**		**178.2103**	**178.2103**	**9.7700e-003**		**178.4547**

3.17 Fire Station 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**3.1701**	**33.0835**	**19.6978**	**0.0380**	**18.0663**	**1.6126**	**19.6788**	**9.9307**	**1.4836**	**11.4143**		**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0327	0.0205	0.2466	7.9000e-004	3.2596	5.6000e-004	3.2601	0.3387	5.1000e-004	0.3392		78.4560	78.4560	2.1300e-003		78.5092
Total	**0.0440**	**0.4054**	**0.3450**	**1.8600e-003**	**4.1457**	**1.3000e-003**	**4.1470**	**0.4321**	**1.2100e-003**	**0.4333**		**193.9015**	**193.9015**	**0.0102**		**194.1566**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**3.1701**	**33.0835**	**19.6978**	**0.0380**	**7.0458**	**1.6126**	**8.6584**	**3.8730**	**1.4836**	**5.3565**	**0.0000**	**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0327	0.0205	0.2466	7.9000e-004	1.4431	5.6000e-004	1.4436	0.1572	5.1000e-004	0.1577		78.4560	78.4560	2.1300e-003		78.5092
Total	**0.0440**	**0.4054**	**0.3450**	**1.8600e-003**	**1.8381**	**1.3000e-003**	**1.8394**	**0.2016**	**1.2100e-003**	**0.2028**		**193.9015**	**193.9015**	**0.0102**		**194.1566**

3.18 Fire Station Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8146	16.7670	17.4392	0.0288		0.8645	0.8645		0.8122	0.8122		2,737.1520	2,737.1520	0.6711		2,753.9288
Total	**1.8146**	**16.7670**	**17.4392**	**0.0288**		**0.8645**	**0.8645**		**0.8122**	**0.8122**		**2,737.1520**	**2,737.1520**	**0.6711**		**2,753.9288**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**2.1900**	**9.6000e-004**	**2.1909**	**0.2289**	**9.0000e-004**	**0.2298**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8146	16.7670	17.4392	0.0288		0.8645	0.8645		0.8122	0.8122	0.0000	2,737.1520	2,737.1520	0.6711		2,753.9288
Total	**1.8146**	**16.7670**	**17.4392**	**0.0288**		**0.8645**	**0.8645**		**0.8122**	**0.8122**	**0.0000**	**2,737.1520**	**2,737.1520**	**0.6711**		**2,753.9288**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**0.9723**	**9.6000e-004**	**0.9732**	**0.1073**	**9.0000e-004**	**0.1082**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

3.19 Commercial 1 - 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	9.2161					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090		375.2641	375.2641	0.0244		375.8749
Total	**9.4888**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**		**375.2641**	**375.2641**	**0.0244**		**375.8749**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	6.5400e-003	4.1000e-003	0.0493	1.6000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.6912	15.6912	4.3000e-004		15.7019
Total	**0.0178**	**0.3890**	**0.1476**	**1.2300e-003**	**1.5381**	**8.5000e-004**	**1.5389**	**0.1612**	**8.0000e-004**	**0.1620**		**131.1367**	**131.1367**	**8.5000e-003**		**131.3492**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.2161					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090	0.0000	375.2641	375.2641	0.0244		375.8749
Total	**9.4888**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**	**0.0000**	**375.2641**	**375.2641**	**0.0244**		**375.8749**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	6.5400e-003	4.1000e-003	0.0493	1.6000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.6912	15.6912	4.3000e-004		15.7019
Total	**0.0178**	**0.3890**	**0.1476**	**1.2300e-003**	**0.6837**	**8.5000e-004**	**0.6845**	**0.0759**	**8.0000e-004**	**0.0767**		**131.1367**	**131.1367**	**8.5000e-003**		**131.3492**

3.20 Park 4- 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	0.1438					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090		375.2641	375.2641	0.0244		375.8749
Total	**0.4165**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**		**375.2641**	**375.2641**	**0.0244**		**375.8749**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	6.5400e-003	4.1000e-003	0.0493	1.6000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.6912	15.6912	4.3000e-004		15.7019
Total	**0.0178**	**0.3890**	**0.1476**	**1.2300e-003**	**1.5381**	**8.5000e-004**	**1.5389**	**0.1612**	**8.0000e-004**	**0.1620**		**131.1367**	**131.1367**	**8.5000e-003**		**131.3492**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1438					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090	0.0000	375.2641	375.2641	0.0244		375.8749
Total	**0.4165**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**	**0.0000**	**375.2641**	**375.2641**	**0.0244**		**375.8749**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	6.5400e-003	4.1000e-003	0.0493	1.6000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.6912	15.6912	4.3000e-004		15.7019
Total	**0.0178**	**0.3890**	**0.1476**	**1.2300e-003**	**0.6837**	**8.5000e-004**	**0.6845**	**0.0759**	**8.0000e-004**	**0.0767**		**131.1367**	**131.1367**	**8.5000e-003**		**131.3492**

3.21 Commercial 1- Landscaping - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1392	1.8572	2.7744	4.1400e-003		0.0690	0.0690		0.0635	0.0635		400.7825	400.7825	0.1296		404.0230
Total	**0.1392**	**1.8572**	**2.7744**	**4.1400e-003**	**0.0000**	**0.0690**	**0.0690**	**0.0000**	**0.0635**	**0.0635**		**400.7825**	**400.7825**	**0.1296**		**404.0230**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**2.1900**	**9.6000e-004**	**2.1909**	**0.2289**	**9.0000e-004**	**0.2298**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1392	1.8572	2.7744	4.1400e-003		0.0690	0.0690		0.0635	0.0635	0.0000	400.7825	400.7825	0.1296		404.0230
Total	**0.1392**	**1.8572**	**2.7744**	**4.1400e-003**	**0.0000**	**0.0690**	**0.0690**	**0.0000**	**0.0635**	**0.0635**	**0.0000**	**400.7825**	**400.7825**	**0.1296**		**404.0230**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**0.9723**	**9.6000e-004**	**0.9732**	**0.1073**	**9.0000e-004**	**0.1082**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

3.22 Park 1 - 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	0.0932					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090		375.2641	375.2641	0.0244		375.8749
Total	**0.3660**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**		**375.2641**	**375.2641**	**0.0244**		**375.8749**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	6.5400e-003	4.1000e-003	0.0493	1.6000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.6912	15.6912	4.3000e-004		15.7019
Total	**0.0178**	**0.3890**	**0.1476**	**1.2300e-003**	**1.5381**	**8.5000e-004**	**1.5389**	**0.1612**	**8.0000e-004**	**0.1620**		**131.1367**	**131.1367**	**8.5000e-003**		**131.3492**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0932					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090	0.0000	375.2641	375.2641	0.0244		375.8749
Total	**0.3660**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**	**0.0000**	**375.2641**	**375.2641**	**0.0244**		**375.8749**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	6.5400e-003	4.1000e-003	0.0493	1.6000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.6912	15.6912	4.3000e-004		15.7019
Total	**0.0178**	**0.3890**	**0.1476**	**1.2300e-003**	**0.6837**	**8.5000e-004**	**0.6845**	**0.0759**	**8.0000e-004**	**0.0767**		**131.1367**	**131.1367**	**8.5000e-003**		**131.3492**

3.22 Park 1 - 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	0.0932					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	**0.3488**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**		**375.2641**	**375.2641**	**0.0225**		**375.8253**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.0913	15.0913	3.9000e-004		15.1011
Total	**0.0149**	**0.3068**	**0.1359**	**1.1900e-003**	**1.5381**	**4.7000e-004**	**1.5385**	**0.1612**	**4.4000e-004**	**0.1616**		**127.6182**	**127.6182**	**7.7800e-003**		**127.8127**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0932					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253
Total	**0.3488**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**	**0.0000**	**375.2641**	**375.2641**	**0.0225**		**375.8253**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.0913	15.0913	3.9000e-004		15.1011
Total	**0.0149**	**0.3068**	**0.1359**	**1.1900e-003**	**0.6837**	**4.7000e-004**	**0.6841**	**0.0759**	**4.4000e-004**	**0.0763**		**127.6182**	**127.6182**	**7.7800e-003**		**127.8127**

3.23 School -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	1.1456					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090		375.2641	375.2641	0.0244		375.8749
Total	**1.4183**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**		**375.2641**	**375.2641**	**0.0244**		**375.8749**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0196	0.0123	0.1480	4.7000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.1000e-004	0.2035		47.0736	47.0736	1.2800e-003		47.1056
Total	**0.0309**	**0.3972**	**0.2463**	**1.5400e-003**	**2.8419**	**1.0700e-003**	**2.8430**	**0.2967**	**1.0100e-003**	**0.2977**		**162.5191**	**162.5191**	**9.3500e-003**		**162.7529**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1456					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090	0.0000	375.2641	375.2641	0.0244		375.8749
Total	**1.4183**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**	**0.0000**	**375.2641**	**375.2641**	**0.0244**		**375.8749**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0196	0.0123	0.1480	4.7000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.1000e-004	0.0946		47.0736	47.0736	1.2800e-003		47.1056
Total	**0.0309**	**0.3972**	**0.2463**	**1.5400e-003**	**1.2609**	**1.0700e-003**	**1.2620**	**0.1387**	**1.0100e-003**	**0.1397**		**162.5191**	**162.5191**	**9.3500e-003**		**162.7529**

3.23 School -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	1.1456					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	**1.4011**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**		**375.2641**	**375.2641**	**0.0225**		**375.8253**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.4000e-004**	**0.2973**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1456					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253
Total	**1.4011**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**	**0.0000**	**375.2641**	**375.2641**	**0.0225**		**375.8253**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**1.2609**	**6.9000e-004**	**1.2616**	**0.1387**	**6.4000e-004**	**0.1394**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.24 Park 4- Landscaping - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1302	1.7294	2.7708	4.1400e-003		0.0585	0.0585		0.0538	0.0538		400.9725	400.9725	0.1297		404.2145
Total	**0.1302**	**1.7294**	**2.7708**	**4.1400e-003**	**0.0000**	**0.0585**	**0.0585**	**0.0000**	**0.0538**	**0.0538**		**400.9725**	**400.9725**	**0.1297**		**404.2145**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**2.1900**	**5.8000e-004**	**2.1906**	**0.2289**	**5.4000e-004**	**0.2295**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1302	1.7294	2.7708	4.1400e-003		0.0585	0.0585		0.0538	0.0538	0.0000	400.9725	400.9725	0.1297		404.2145
Total	**0.1302**	**1.7294**	**2.7708**	**4.1400e-003**	**0.0000**	**0.0585**	**0.0585**	**0.0000**	**0.0538**	**0.0538**	**0.0000**	**400.9725**	**400.9725**	**0.1297**		**404.2145**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**0.9723**	**5.8000e-004**	**0.9728**	**0.1073**	**5.4000e-004**	**0.1078**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

3.25 Commercial 1- 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	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0465**	**0.7726**	**0.4084**	**3.2100e-003**	**4.8230**	**1.3300e-003**	**4.8243**	**0.5046**	**1.2500e-003**	**0.5058**		**341.6824**	**341.6824**	**0.0200**		**342.1833**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0465**	**0.7726**	**0.4084**	**3.2100e-003**	**2.1421**	**1.3300e-003**	**2.1434**	**0.2368**	**1.2500e-003**	**0.2380**		**341.6824**	**341.6824**	**0.0200**		**342.1833**

3.26 Park 4- 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	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0465**	**0.7726**	**0.4084**	**3.2100e-003**	**4.8230**	**1.3300e-003**	**4.8243**	**0.5046**	**1.2500e-003**	**0.5058**		**341.6824**	**341.6824**	**0.0200**		**342.1833**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0465**	**0.7726**	**0.4084**	**3.2100e-003**	**2.1421**	**1.3300e-003**	**2.1434**	**0.2368**	**1.2500e-003**	**0.2380**		**341.6824**	**341.6824**	**0.0200**		**342.1833**

3.27 School - Site Prep - 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.3081	3,687.3081	1.1926		3,717.1219
Total	**2.6595**	**27.5242**	**18.2443**	**0.0381**	**18.0663**	**1.2660**	**19.3323**	**9.9307**	**1.1647**	**11.0954**		**3,687.3081**	**3,687.3081**	**1.1926**		**3,717.1219**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0310	0.0187	0.2291	7.6000e-004	3.2596	5.4000e-004	3.2601	0.3387	5.0000e-004	0.3392		75.4567	75.4567	1.9500e-003		75.5055
Total	**0.0396**	**0.3218**	**0.3192**	**1.8000e-003**	**4.1457**	**9.0000e-004**	**4.1466**	**0.4321**	**8.4000e-004**	**0.4330**		**187.9835**	**187.9835**	**9.3400e-003**		**188.2170**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219
Total	**2.6595**	**27.5242**	**18.2443**	**0.0381**	**7.0458**	**1.2660**	**8.3119**	**3.8730**	**1.1647**	**5.0377**	**0.0000**	**3,687.3081**	**3,687.3081**	**1.1926**		**3,717.1219**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0310	0.0187	0.2291	7.6000e-004	1.4431	5.4000e-004	1.4436	0.1572	5.0000e-004	0.1577		75.4567	75.4567	1.9500e-003		75.5055
Total	**0.0396**	**0.3218**	**0.3192**	**1.8000e-003**	**1.8381**	**9.0000e-004**	**1.8390**	**0.2016**	**8.4000e-004**	**0.2025**		**187.9835**	**187.9835**	**9.3400e-003**		**188.2170**

3.28 School - 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	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0465**	**0.7726**	**0.4084**	**3.2100e-003**	**4.8230**	**1.3300e-003**	**4.8243**	**0.5046**	**1.2500e-003**	**0.5058**		**341.6824**	**341.6824**	**0.0200**		**342.1833**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0465**	**0.7726**	**0.4084**	**3.2100e-003**	**2.1421**	**1.3300e-003**	**2.1434**	**0.2368**	**1.2500e-003**	**0.2380**		**341.6824**	**341.6824**	**0.0200**		**342.1833**

3.29 Fire Station - 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	0.7089					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	**0.9645**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**		**375.2641**	**375.2641**	**0.0225**		**375.8253**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.0913	15.0913	3.9000e-004		15.1011
Total	**0.0149**	**0.3068**	**0.1359**	**1.1900e-003**	**1.5381**	**4.7000e-004**	**1.5385**	**0.1612**	**4.4000e-004**	**0.1616**		**127.6182**	**127.6182**	**7.7800e-003**		**127.8127**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.7089					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253
Total	**0.9645**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**	**0.0000**	**375.2641**	**375.2641**	**0.0225**		**375.8253**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.0913	15.0913	3.9000e-004		15.1011
Total	**0.0149**	**0.3068**	**0.1359**	**1.1900e-003**	**0.6837**	**4.7000e-004**	**0.6841**	**0.0759**	**4.4000e-004**	**0.0763**		**127.6182**	**127.6182**	**7.7800e-003**		**127.8127**

3.30 Fire Station Landscaping - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1302	1.7294	2.7708	4.1400e-003		0.0585	0.0585		0.0538	0.0538		400.9725	400.9725	0.1297		404.2145
Total	**0.1302**	**1.7294**	**2.7708**	**4.1400e-003**	**0.0000**	**0.0585**	**0.0585**	**0.0000**	**0.0538**	**0.0538**		**400.9725**	**400.9725**	**0.1297**		**404.2145**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**2.1900**	**5.8000e-004**	**2.1906**	**0.2289**	**5.4000e-004**	**0.2295**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1302	1.7294	2.7708	4.1400e-003		0.0585	0.0585		0.0538	0.0538	0.0000	400.9725	400.9725	0.1297		404.2145
Total	**0.1302**	**1.7294**	**2.7708**	**4.1400e-003**	**0.0000**	**0.0585**	**0.0585**	**0.0000**	**0.0538**	**0.0538**	**0.0000**	**400.9725**	**400.9725**	**0.1297**		**404.2145**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**0.9723**	**5.8000e-004**	**0.9728**	**0.1073**	**5.4000e-004**	**0.1078**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

3.31 Fire Station 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	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0465**	**0.7726**	**0.4084**	**3.2100e-003**	**4.8230**	**1.3300e-003**	**4.8243**	**0.5046**	**1.2500e-003**	**0.5058**		**341.6824**	**341.6824**	**0.0200**		**342.1833**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0465**	**0.7726**	**0.4084**	**3.2100e-003**	**2.1421**	**1.3300e-003**	**2.1434**	**0.2368**	**1.2500e-003**	**0.2380**		**341.6824**	**341.6824**	**0.0200**		**342.1833**

CalEEMod Version: CalEEMod.2016.3.1

Date: 8/22/2017 12:48 PM

Central Village Non-Residential 1-LEA

San Diego County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Commercial 1 - Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1- Building Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1- Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1- Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1- Paving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1- Site Preparation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station - Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station Building Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station Paving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station Site Preparation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Park 1 - Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Building Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Paving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Site Preparation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Building Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Paving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Site Preparation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
School - Building Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
School - Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
School - Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
School - Paving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
School - Site Prep	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
School -Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	No Change	0	5	No Change	0.00
Cranes	Diesel	No Change	0	3	No Change	0.00
Excavators	Diesel	No Change	0	3	No Change	0.00
Forklifts	Diesel	No Change	0	11	No Change	0.00
Generator Sets	Diesel	No Change	0	3	No Change	0.00
Graders	Diesel	No Change	0	3	No Change	0.00
Pavers	Diesel	No Change	0	12	No Change	0.00
Paving Equipment	Diesel	No Change	0	12	No Change	0.00
Rollers	Diesel	No Change	0	15	No Change	0.00
Rubber Tired Dozers	Diesel	No Change	0	16	No Change	0.00
Skid Steer Loaders	Diesel	No Change	0	10	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	No Change	0	43	No Change	0.00
Welders	Diesel	No Change	0	5	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	2.91100E-002	1.99450E-001	2.64640E-001	4.30000E-004	1.12900E-002	1.12900E-002	0.00000E+000	3.72775E+001	3.72775E+001	2.35000E-003	0.00000E+000	3.73362E+001
Cranes	9.32100E-002	1.07181E+000	4.59390E-001	1.37000E-003	4.39600E-002	4.04500E-002	0.00000E+000	1.20140E+002	1.20140E+002	3.88600E-002	0.00000E+000	1.21111E+002
Excavators	1.95000E-003	1.83000E-002	2.78100E-002	4.00000E-005	8.90000E-004	8.20000E-004	0.00000E+000	3.85702E+000	3.85702E+000	1.25000E-003	0.00000E+000	3.88820E+000
Forklifts	9.84900E-002	9.03540E-001	9.25040E-001	1.22000E-003	6.27200E-002	5.77000E-002	0.00000E+000	1.06920E+002	1.06920E+002	3.45500E-002	0.00000E+000	1.07784E+002
Generator Sets	8.15100E-002	7.22660E-001	8.72260E-001	1.56000E-003	3.73300E-002	3.73300E-002	0.00000E+000	1.33954E+002	1.33954E+002	6.60000E-003	0.00000E+000	1.34119E+002
Graders	3.85000E-003	5.03600E-002	1.50200E-002	6.00000E-005	1.60000E-003	1.47000E-003	0.00000E+000	4.94807E+000	4.94807E+000	1.60000E-003	0.00000E+000	4.98808E+000
Pavers	2.24100E-002	2.24140E-001	3.17650E-001	5.20000E-004	1.06200E-002	9.77000E-003	0.00000E+000	4.54231E+001	4.54231E+001	1.46900E-002	0.00000E+000	4.57904E+001
Paving Equipment	1.92900E-002	1.84480E-001	2.80860E-001	4.50000E-004	9.01000E-003	8.29000E-003	0.00000E+000	3.93638E+001	3.93638E+001	1.27300E-002	0.00000E+000	3.96820E+001
Rollers	1.83400E-002	1.90460E-001	2.10060E-001	3.00000E-004	1.08000E-002	9.93000E-003	0.00000E+000	2.60486E+001	2.60486E+001	8.42000E-003	0.00000E+000	2.62592E+001
Rubber Tired Dozers	4.22400E-002	4.41920E-001	1.79430E-001	4.50000E-004	2.06100E-002	1.89600E-002	0.00000E+000	3.92104E+001	3.92104E+001	1.26600E-002	0.00000E+000	3.95270E+001
Skid Steer Loaders	6.36000E-003	8.45700E-002	1.27610E-001	1.90000E-004	3.11000E-003	2.86000E-003	0.00000E+000	1.67241E+001	1.67241E+001	5.41000E-003	0.00000E+000	1.68593E+001
Tractors/Loaders/Backhoes	1.58140E-001	1.60306E+000	1.99347E+000	2.75000E-003	9.15700E-002	8.42400E-002	0.00000E+000	2.42004E+002	2.42004E+002	7.82000E-002	0.00000E+000	2.43959E+002
Welders	9.72600E-002	4.84000E-001	5.53180E-001	8.20000E-004	2.35600E-002	2.35600E-002	0.00000E+000	6.05129E+001	6.05129E+001	7.90000E-003	0.00000E+000	6.07104E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	2.91100E-002	1.99450E-001	2.64640E-001	4.30000E-004	1.12900E-002	1.12900E-002	0.00000E+000	3.72775E+001	3.72775E+001	2.35000E-003	0.00000E+000	3.73362E+001
Cranes	9.32100E-002	1.07181E+000	4.59390E-001	1.37000E-003	4.39600E-002	4.04500E-002	0.00000E+000	1.20140E+002	1.20140E+002	3.88600E-002	0.00000E+000	1.21111E+002
Excavators	1.95000E-003	1.83000E-002	2.78100E-002	4.00000E-005	8.90000E-004	8.20000E-004	0.00000E+000	3.85701E+000	3.85701E+000	1.25000E-003	0.00000E+000	3.88820E+000
Forklifts	9.84800E-002	9.03530E-001	9.25040E-001	1.22000E-003	6.27200E-002	5.77000E-002	0.00000E+000	1.06920E+002	1.06920E+002	3.45500E-002	0.00000E+000	1.07783E+002
Generator Sets	8.15100E-002	7.22660E-001	8.72250E-001	1.56000E-003	3.73300E-002	3.73300E-002	0.00000E+000	1.33954E+002	1.33954E+002	6.60000E-003	0.00000E+000	1.34119E+002
Graders	3.85000E-003	5.03600E-002	1.50200E-002	6.00000E-005	1.60000E-003	1.47000E-003	0.00000E+000	4.94807E+000	4.94807E+000	1.60000E-003	0.00000E+000	4.98807E+000
Pavers	2.24100E-002	2.24140E-001	3.17650E-001	5.20000E-004	1.06200E-002	9.77000E-003	0.00000E+000	4.54231E+001	4.54231E+001	1.46900E-002	0.00000E+000	4.57904E+001
Paving Equipment	1.92900E-002	1.84480E-001	2.80860E-001	4.50000E-004	9.01000E-003	8.29000E-003	0.00000E+000	3.93637E+001	3.93637E+001	1.27300E-002	0.00000E+000	3.96820E+001
Rollers	1.83400E-002	1.90460E-001	2.10060E-001	3.00000E-004	1.08000E-002	9.93000E-003	0.00000E+000	2.60486E+001	2.60486E+001	8.42000E-003	0.00000E+000	2.62592E+001
Rubber Tired Dozers	4.22400E-002	4.41920E-001	1.79430E-001	4.50000E-004	2.06100E-002	1.89600E-002	0.00000E+000	3.92104E+001	3.92104E+001	1.26600E-002	0.00000E+000	3.95270E+001
Skid Steer Loaders	6.36000E-003	8.45700E-002	1.27610E-001	1.90000E-004	3.11000E-003	2.86000E-003	0.00000E+000	1.67241E+001	1.67241E+001	5.41000E-003	0.00000E+000	1.68593E+001
Tractors/Loaders/Backhoes	1.58140E-001	1.60306E+000	1.99347E+000	2.75000E-003	9.15700E-002	8.42400E-002	0.00000E+000	2.42004E+002	2.42004E+002	7.82000E-002	0.00000E+000	2.43959E+002
Welders	9.72600E-002	4.84000E-001	5.53180E-001	8.20000E-004	2.35600E-002	2.35600E-002	0.00000E+000	6.05129E+001	6.05129E+001	7.90000E-003	0.00000E+000	6.07103E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Percent Reduction											
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.07303E-006	1.07303E-006	0.00000E+000	0.00000E+000	1.07135E-006
Cranes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.16531E-006	1.16531E-006	0.00000E+000	0.00000E+000	1.15596E-006
Excavators	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	2.59268E-006	2.59268E-006	0.00000E+000	0.00000E+000	0.00000E+000
Forklifts	1.01533E-004	1.10676E-005	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.21587E-006	1.21587E-006	0.00000E+000	0.00000E+000	1.20612E-006
Generator Sets	0.00000E+000	0.00000E+000	1.14645E-005	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.19444E-006	1.19444E-006	0.00000E+000	0.00000E+000	1.19297E-006
Graders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	2.00478E-006
Pavers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.10076E-006	1.10076E-006	0.00000E+000	0.00000E+000	1.09193E-006
Paving Equipment	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.27020E-006	1.27020E-006	0.00000E+000	0.00000E+000	1.26002E-006
Rollers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.15169E-006	1.15169E-006	0.00000E+000	0.00000E+000	1.52327E-006
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.27517E-006	1.27517E-006	0.00000E+000	0.00000E+000	1.26496E-006
Skid Steer Loaders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.19588E-006	1.19588E-006	0.00000E+000	0.00000E+000	1.18629E-006
Tractors/Loaders/Backhoes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.19833E-006	1.19833E-006	0.00000E+000	0.00000E+000	1.18872E-006
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.15678E-006	1.15678E-006	0.00000E+000	0.00000E+000	1.31773E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	30.00	PM2.5 Reduction	30.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
No	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph)	15.00		
Yes	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Commercial 1 - Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1 - Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.52
Commercial 1- Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1- Building Construction	Roads	0.16	0.02	0.07	0.01	0.55	0.53
Commercial 1- Grading	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Commercial 1- Grading	Roads	0.01	0.00	0.00	0.00	0.56	0.54
Commercial 1- Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1- Landscaping	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Commercial 1- Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1- Paving	Roads	0.05	0.00	0.02	0.00	0.55	0.53
Commercial 1- Site Preparation	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1- Site Preparation	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Fire Station - Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station - Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.53
Fire Station Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station Building Construction	Roads	0.10	0.01	0.04	0.00	0.55	0.53
Fire Station Grading	Fugitive Dust	0.04	0.02	0.01	0.01	0.61	0.61
Fire Station Grading	Roads	0.01	0.00	0.00	0.00	0.56	0.54
Fire Station Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station Landscaping	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Fire Station Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station Paving	Roads	0.05	0.00	0.02	0.00	0.55	0.53
Fire Station Site Preparation	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station Site Preparation	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Park 1 - Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 1 - Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.53
Park 1- Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Building Construction	Roads	0.08	0.01	0.04	0.00	0.55	0.53
Park 1- Grading	Fugitive Dust	0.00	0.00	0.00	0.00	0.61	0.62
Park 1- Grading	Roads	0.00	0.00	0.00	0.00	0.55	0.52

Park 1- Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Landscaping	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Park 1- Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Paving	Roads	0.05	0.01	0.02	0.00	0.55	0.53
Park 1- Site Preparation	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Park 1- Site Preparation	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Park 4- Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.53
Park 4- Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Building Construction	Roads	0.08	0.01	0.04	0.00	0.55	0.53
Park 4- Grading	Fugitive Dust	0.01	0.01	0.01	0.00	0.61	0.61
Park 4- Grading	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Park 4- Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Landscaping	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Park 4- Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Paving	Roads	0.04	0.00	0.02	0.00	0.55	0.53
Park 4- Site Preparation	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Park 4- Site Preparation	Roads	0.00	0.00	0.00	0.00	0.56	0.53
School - Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
School - Building Construction	Roads	1.25	0.13	0.55	0.06	0.56	0.53
School - Grading	Fugitive Dust	0.05	0.02	0.02	0.01	0.61	0.61
School - Grading	Roads	0.01	0.00	0.01	0.00	0.56	0.53
School - Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
School - Landscaping	Roads	0.01	0.00	0.00	0.00	0.55	0.52
School - Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
School - Paving	Roads	0.05	0.00	0.02	0.00	0.55	0.53
School - Site Prep	Fugitive Dust	0.19	0.10	0.07	0.04	0.61	0.61
School - Site Prep	Roads	0.04	0.00	0.02	0.00	0.56	0.53
School -Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
School -Architectural Coating	Roads	0.06	0.01	0.02	0.00	0.55	0.53

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	-0.01	0.13		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			

No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	250.00
No	Use Low VOC Paint (Residential Exterior)	250.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services	
Percent Reduction in Waste Disposed	

CalEEMod Input Matrix
Project Characteristics

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	Central Village Non-Residential 1-LEA	--	Project Description
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	1-Oct-22	Central Village Schedule	Proctor Valley EIR Assumptions
Operational Year	--	Central Village Schedule	Proctor Valley EIR Assumptions

Table 2: Utility Information			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Select Utility Company	San Diego Gas and Electric	project location	CEC, 2014
CO2 Intensity Factor (lb./Mwh)	--		
CH4 Intensity Factor (lb./Mwh)	default		
N20 Intensity Factor (lb./Mwh)	default		

CalEEMod Input Matrix
Project Characteristics

Table 3: Pollutants			
Pollutant Selection	**Pollutant Full Name**	**Notes**	**Source**
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N20	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Sheet
Construction Phase

Table 5: Construction					
Phase Name	**Phase Type**	**Start Date**	**End Date**	**Days/ Week**	**Total Days**
Commercial 1 - Architectural Coating	Architectural Coating	2022/10/01	2022/11/30	5	43
Fire Station - Architectural Coating	Architectural Coating	2023/08/01	2023/09/30	5	44
Park 1 - Architectural Coating	Coating	2022/12/01	2023/01/31	5	44
Park 4- Architectural Coating	Coating	2022/11/01	2022/12/31	5	44
School -Architectural Coating	Coating	2022/12/01	2023/01/31	5	44
Construction	Construction	2021/06/10	2021/11/30	5	124
Fire Station Building Construction	Building Construction	2022/02/10	2022/07/04	5	103
Park 1- Building Construction	Building Construction	2019/10/08	2020/02/03	5	85
Park 4- Building Construction	Construction	2021/09/08	2022/01/03	5	84
School - Building Construction	Construction	2021/07/22	2022/07/02	5	247
Commercial 1- Grading	Grading	2021/06/03	2021/06/09	5	5
Fire Station Grading	Grading	2022/02/04	2022/02/09	5	4
Park 1- Grading	Grading	2019/10/03	2019/10/07	5	3
Park 4- Grading	Grading	2021/09/03	2021/09/07	5	3
School - Grading	Grading	2021/07/09	2021/07/21	5	9
Commercial 1- Paving	Paving	2023/01/01	2023/01/31	5	22
Fire Station Paving	Paving	2023/12/01	2023/12/31	5	21
Park 1- Paving	Paving	2021/03/01	2021/03/31	5	23
Park 4- Paving	Paving	2023/02/01	2023/02/28	5	20
School - Paving	Paving	7/1/2023	7/31/2023	5	21
Commercial 1- Landscaping	Site Preparation	2022/12/01	2022/12/31	5	22
Commercial 1- Site Preparation	Site Preparation	2021/06/01	2021/06/02	5	2
Fire Station Landscaping	Site Preparation	2023/11/01	2023/11/30	5	22
Fire Station Site Preparation	Site Preparation	2022/02/01	2022/02/03	5	3
Park 1- Landscaping	Site Preparation	2/1/2021	2/28/2021	5	20

CalEEMod Input Sheet
Construction Phase

Park 1- Site Preparation	Site Preparation	2019/10/01	2019/10/02	5	2
Park 4- Landscaping	Site Preparation	1/1/2023	1/31/2023	5	22
Park 4- Site Preparation	Site Preparation	2021/09/01	2021/09/02	5	2
School - Landscaping	Site Preparation	2021/07/01	2021/07/08	5	6
School - Site Prep	Site Preparation	2023/07/01	2023/07/31	5	21

CalEEMod Input Sheet
Construction Phase

Table 6: Off-Road Equipment					
Phase Name	**Equipment**	**Unit Amount**	**Hours/ Day**	**Horsepower (hp)**	**Load Factor**
Site Preparation - all	default				
Grading- all					
Landscaping - all	Skidsteer	2	default		
Building Construction -parks	Forklift	1	default		
	Tractor/Loader/Backhoe	1			
	Welder	1			
Paving - all	default				
Architectural Coating -all					
Building Construction - Non-park					

Table 7: Dust from Material Movement							
Phase Name	**Material Imported**	**Material Exported**	**Material Import/Exp**	**Mean Vehicle**	**Total Acres Graded**	**Material Moisture**	**Material Silt Content**
Site Prep	--						
Grading	--						
Notes: All soil export assumed in Central Village Residential CalEEMod inputs							

Table 8: Demolition		
Phase Name	**Size Metric**	**Unit Amount**
--		

CalEEMod Input Sheet
Construction Phase

Table 7: Dust from Material Movement							
Phase Name	Material Imported	Material Exported	Material Import/Export Phased?	Mean Vehicle Speed (mph)	Total Acres Graded	Material Moisture Content (%) Bulldozing	Material Silt Content
Site Prep	--						
Grading	--						
Notes: All soil export assumed in Central Village Residential CalEEMod inputs							

Table 8: Demolition		
Phase Name	Size Metric	Unit Amount
--		

Table 9: Construction Trips and VMT									
Phase Name	# Trips Worker (/day)	# Trips Vendor (/day)	Total # Trips Hauling	Trip Length Worker (miles)	Trip Length Worker (miles)	Trip Length Hauling (miles)	Vehicle Class Worker	Vehicle Class Vendor	Vehicle Class Hauling
Refer to Construction VMT Worksheet									

Table 10: On-Road Fugitive Dust								
Phase Name	% Pave Worker	% Pave Vendor	% Pave Hauling	Road Silt Loading (g/m2)	Material Silt Content (%)	Material Moisture Content (%)	Average Vehicle Weight (tons)	Mean Vehicle Speed (mph)
--								

CalEEMod Input Sheet
Construction Phase

Table 11: Architectural Coating										
Phase Name	**Residential Interior VOC (g/L)**	**Residential Interior Area (sqft)**	**Residential Exterior VOC (g/L)**	**Residential Exterior Area (sqft)**	**Non-Residential Interior VOC (g/L)**	**Non-Residential Interior Area (sqft)**	**Non-Residential Exterior VOC (g/L)**	**Non-Residential Exterior Area (sqft)**	**VOC for Parking Lot Paint (g/L)**	**Parking Area (sqft)**
School - Architectural Coating	N/A	N/A	N/A	N/A	50	90,000	100	30,000	100	10,500
Park 1 - Architectural Coating	N/A	N/A	N/A	N/A	50	630	100	210	100	840
Park 4- Architectural Coating	N/A	N/A	N/A	N/A	50	630	100	210	100	360
Fire Station - Architectural Coating	N/A	N/A	N/A	N/A	50	11,250	100	3,750	100	1,500
Commercial 1 - Architectural Coating	N/A	N/A	N/A	N/A	50	7,500	100	2,500	100	480

CalEEMod Input Sheet
Construction Mobile

Table 12: Vehicle Trips	
Land Use Subtype	**Size Metric**
Refer to VMT Worksheet	

Table 13: Vehicle Emissions
default

Table 14: Fleet Mix													
Land Use Subtype	**LDA**	**LDT1**	**LDT2**	**MDV**	**LHD1**	**LHD2**	**MHD**	**HHD**	**OBUS**	**UBUS**	**MCY**	**SBUS**	**MH**
Single Family Housing	default												

Table 15: Paved Road Dust	
% Pave	default
Road Silt Loading (g/m2)	
Weight (tons)	

CalEEMod Input Sheet
Construction Mobile

Table 16: Paved Road Dust	
Material Silt Content (%)	default
Material Moisture Content (%)	
Mean Vechile Speed (mph)	
CARB Unmitigated Unpaved Road Statewide Emissions Inventory Method	

Tables 12 through 31 pertain to operational emissions and are therefore omitted

CalEEMod Input Sheet
Construction Mitigation

Table 32: Off-Road Equipment						
Equipment Type	**Fuel Type**	**Engine Tier**	**Number of Equipments Mitigated**	**Total Number of Off-road Equipments**	**DPF Level**	**Using Oxidation Catalyst (% Reduction)**
--						

Table 33: Fugitive Dust	
Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	default
PM 2.5 (% Reduction)	
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	15
Clean Paved Road	
% PM Reduction	--

CalEEMod Version: CalEEMod.2016.3.1 Date: 8/22/2017 2:18 PM

Central Village Non-Residential -LEA 2

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	0.00	97,340.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Area Coating - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Residential_Exterior	65705	0
tblAreaCoating	Area_Residential_Interior	197114	0
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstructionPhase	NumDays	0.00	20.00
tblConstructionPhase	NumDays	0.00	20.00
tblConstructionPhase	NumDays	0.00	21.00
tblConstructionPhase	NumDays	0.00	23.00
tblConstructionPhase	NumDays	0.00	22.00
tblConstructionPhase	NumDays	0.00	83.00
tblConstructionPhase	NumDays	0.00	83.00
tblConstructionPhase	NumDays	0.00	124.00
tblConstructionPhase	NumDays	0.00	122.00
tblConstructionPhase	NumDays	0.00	83.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	4.00
tblConstructionPhase	NumDays	0.00	1.00
tblConstructionPhase	NumDays	0.00	5.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	21.00
tblConstructionPhase	NumDays	0.00	23.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	22.00
tblConstructionPhase	NumDays	0.00	22.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	3.00
tblConstructionPhase	NumDays	0.00	23.00
tblConstructionPhase	NumDays	0.00	2.00

tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-10
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-16
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-18
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblLandUse	BuildingSpaceSquareFeet	0.00	97,340.00
tblLandUse	LandUseSquareFeet	0.00	97,340.00
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.20	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.42	0.42
tblOffRoadEquipment	LoadFactor	0.36	0.36
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.20	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.20	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.38	0.38

tblOffRoadEquipment	LoadFactor	0.36	0.36
tblOffRoadEquipment	LoadFactor	0.42	0.42
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.20	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.20	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Welders
tblOffRoadEquipment	OffRoadEquipmentType		Generator Sets
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Pavers
tblOffRoadEquipment	OffRoadEquipmentType		Paving Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Rollers
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers
tblOffRoadEquipment	OffRoadEquipmentType		Concrete/Industrial Saws

tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers
tblOffRoadEquipment	OffRoadEquipmentType		Concrete/Industrial Saws
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Rollers
tblOffRoadEquipment	OffRoadEquipmentType		Paving Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Pavers
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers
tblOffRoadEquipment	OffRoadEquipmentType		Concrete/Industrial Saws
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers

tblOffRoadEquipment	OffRoadEquipmentType		Concrete/Industrial Saws
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	PhaseName		Community Facility in MU - Site Preparation
tblOffRoadEquipment	PhaseName		Community Facility in MU - Grading
tblOffRoadEquipment	PhaseName		Community Facility in MU - Grading
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
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tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00

tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	4.00	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	7.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblProjectCharacteristics	OperationalYear	2018	2022
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	5.5016	56.2258	43.2316	0.0761	23.4371	2.8874	26.3245	7.8118	2.6886	10.5004	0.0000	7,410.8485	7,410.8485	1.8890	0.0000	7,458.0740
2021	5.3897	27.6494	23.1972	0.0429	6.8042	1.4280	8.2321	0.7125	1.3340	2.0464	0.0000	4,185.0547	4,185.0547	1.0283	0.0000	4,210.7616
2023	2.5312	11.1275	11.2663	0.0213	3.5946	0.5239	3.8775	0.7104	0.4896	0.9809	0.0000	2,076.2631	2,076.2631	0.5088	0.0000	2,088.9840
2024	2.3437	12.7475	11.4682	0.0225	8.8640	0.5653	9.4293	3.6069	0.5290	4.1358	0.0000	2,172.9526	2,172.9526	0.5074	0.0000	2,185.4406
Maximum	**5.5016**	**56.2258**	**43.2316**	**0.0761**	**23.4371**	**2.8874**	**26.3245**	**7.8118**	**2.6886**	**10.5004**	**0.0000**	**7,410.8485**	**7,410.8485**	**1.8890**	**0.0000**	**7,458.0740**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	5.5016	56.2258	43.2316	0.0761	9.7561	2.8874	12.6434	3.1406	2.6886	5.8292	0.0000	7,410.8484	7,410.8484	1.8890	0.0000	7,458.0740
2021	5.3897	27.6494	23.1972	0.0429	3.0232	1.4280	4.4512	0.3348	1.3340	1.6688	0.0000	4,185.0547	4,185.0547	1.0283	0.0000	4,210.7616
2023	2.5312	11.1275	11.2663	0.0213	1.5545	0.5239	1.8912	0.3001	0.4896	0.6413	0.0000	2,076.2631	2,076.2631	0.5088	0.0000	2,088.9840
2024	2.3437	12.7475	11.4682	0.0225	3.6095	0.5653	4.1748	1.4297	0.5290	1.9587	0.0000	2,172.9526	2,172.9526	0.5074	0.0000	2,185.4406
Maximum	**5.5016**	**56.2258**	**43.2316**	**0.0761**	**9.7561**	**2.8874**	**12.6434**	**3.1406**	**2.6886**	**5.8292**	**0.0000**	**7,410.8484**	**7,410.8484**	**1.8890**	**0.0000**	**7,458.0740**

	ROG	NOx	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**	**57.98**	**0.00**	**51.61**	**59.47**	**0.00**	**42.83**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5000e-003	9.5000e-004	0.0826	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**2.5000e-003**	**9.5000e-004**	**0.0826**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5000e-003	9.5000e-004	0.0826	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**2.5000e-003**	**9.5000e-004**	**0.0826**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

	ROG	NOx	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	Community Facility in MU - Site Preparation	Site Preparation	7/1/2020	7/2/2020	5	2	
2	Community Facility in MU - Grading	Grading	7/3/2020	7/5/2020	5	1	
3	Community Facility in MU - Building Construction	Building Construction	7/8/2020	11/1/2020	5	83	
4	Community Facility in MU - Architectural Coatings	Architectural Coating	9/1/2020	9/30/2020	6	22	
5	Community Facility in MU - Landscape	Site Preparation	12/1/2020	12/31/2020	5	23	
6	Senior Activity Center Site Landscaping	Site Preparation	12/1/2020	12/2/2020	5	2	
7	Swim Club Central Site Prep	Site Preparation	12/1/2020	12/2/2020	5	2	
8	Community Facility in MU - Paving	Paving	12/1/2020	12/31/2020	5	23	
9	Senior Activity Center Grading	Grading	12/3/2020	12/5/2020	5	2	
10	Swim Club Central Grading	Grading	12/3/2020	12/5/2020	5	2	
11	Senior Activity Center Building Construction	Building Construction	12/6/2020	3/31/2021	5	83	
12	Swim Club Central Building Construction	Building Construction	12/6/2020	3/31/2021	5	83	
13	Senior Activity Center Architectural Coating	Architectural Coating	2/1/2021	2/28/2021	5	20	
14	Swim Club Architectural Coating	Architectural Coating	2/1/2021	2/28/2021	5	20	
15	Senior Activity Center Landscaping	Site Preparation	4/1/2021	4/30/2021	5	22	
16	Swim Club Central Landscaping	Site Preparation	4/1/2021	4/30/2021	5	22	
17	Senior Activity Center Paving	Paving	5/1/2021	5/31/2021	5	21	
18	Commercial 2- Site Preparation	Site Preparation	6/1/2023	6/3/2023	5	2	
19	Commercial 2- Grading	Grading	6/6/2023	6/10/2023	5	4	
20	Commercial 2- Building Construction	Building Construction	6/13/2023	12/1/2023	5	124	
21	Commercial 3- Architectural coating	Architectural Coating	9/1/2023	9/30/2023	6	21	
22	Commercial 3- Site Preparation	Site Preparation	6/1/2024	6/5/2024	5	3	
23	Commercial 3- Grading	Grading	6/6/2024	6/12/2024	5	5	
24	Commercial 3- Building Construction	Building Construction	6/13/2024	12/1/2024	5	122	
25	Commercial 2- Architectural coating	Architectural Coating	10/1/2024	10/31/2024	6	23	

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: 7,500; Non-Residential Outdoor: 2,500; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Swim Club Central Building Construction	Forklifts	2	8.00	89	0.20
Swim Club Central Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Senior Activity Center Architectural Coating	Air Compressors	1	8.00	78	0.48
Swim Club Architectural Coating	Air Compressors	1	8.00	78	0.48
Senior Activity Center Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Swim Club Central Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Senior Activity Center Paving	Rollers	2	8.00	80	0.38
Senior Activity Center Paving	Paving Equipment	2	8.00	132	0.36
Senior Activity Center Paving	Pavers	2	8.00	130	0.42
Commercial 2- Site Preparation	Graders	1	8.00	187	0.41
Commercial 2- Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Commercial 2- Grading	Rubber Tired Dozers	1	1.00	247	0.40
Commercial 2- Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Commercial 2- Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Commercial 2- Building Construction	Cranes	1	8.00	231	0.29
Commercial 2- Building Construction	Forklifts	2	8.00	89	0.20
Commercial 2- Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Commercial 3- Architectural coating	Air Compressors	1	8.00	78	0.48
Commercial 3- Site Preparation	Graders	1	8.00	187	0.41
Commercial 3- Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Commercial 3- Grading	Rubber Tired Dozers	1	8.00	247	0.40

Commercial 3- Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Commercial 3- Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Commercial 3- Building Construction	Cranes	1	8.00	231	0.29
Commercial 3- Building Construction	Forklifts	2	8.00	89	0.20
Commercial 3- Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Commercial 2- Architectural coating	Air Compressors	1	8.00	78	0.48
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Site Preparation	Graders	1	8.00	187	0.41
Community Facility in MU - Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Community Facility in MU - Grading	Rubber Tired Loaders	1	8.00	203	0.36
Community Facility in MU - Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Grading	Graders	1	8.00	187	0.41
Community Facility in MU - Building Construction	Cranes	1	8.00	231	0.29

Community Facility in MU - Building Construction	Forklifts	1	8.00	89	0.20
Community Facility in MU - Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Building Construction	Welders	3	8.00	46	0.45
Community Facility in MU - Building Construction	Generator Sets	1	8.00	84	0.74
Community Facility in MU - Architectural Coatings	Air Compressors	1	8.00	78	0.48
Community Facility in MU - Landscape	Skid Steer Loaders	2	8.00	65	0.37
Senior Activity Center Site Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Swim Club Central Site Prep	Graders	1	8.00	187	0.41
Swim Club Central Site Prep	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Paving	Pavers	2	8.00	130	0.42
Community Facility in MU - Paving	Paving Equipment	2	8.00	132	0.36
Community Facility in MU - Paving	Rollers	2	8.00	80	0.38
Senior Activity Center Grading	Rubber Tired Dozers	1	8.00	247	0.40
Senior Activity Center Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Senior Activity Center Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Swim Club Central Grading	Rubber Tired Dozers	1	8.00	247	0.40
Swim Club Central Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Swim Club Central Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Senior Activity Center Building Construction	Cranes	1	8.00	231	0.29
Senior Activity Center Building Construction	Forklifts	2	8.00	89	0.20
Senior Activity Center Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Swim Club Central Building Construction	Cranes	1	8.00	231	0.29

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
Community Facility in MLL- Site Preparation		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Grading		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Building		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Architectural		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Landscape		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Site Landscaping		8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Central Site Prep		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Paving		4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Grading		6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Central Grading		6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Building Construction		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Central Building Construction		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Architectural Coating		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Architectural Coating		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Landscaping		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Central Landscaping		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Paving		8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 2- Site Preparation		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 2- Grading		6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 2- Building Construction		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 3- Architectural coating		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 3- Site Preparation		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 3- Grading		6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 3- Building Construction		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 2- Architectural coating		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Community Facility in MU - Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.7648	19.7629	8.2258	0.0183		0.8903	0.8903		0.8191	0.8191		1,770.8297	1,770.8297	0.5727		1,785.1477
Total	**1.7648**	**19.7629**	**8.2258**	**0.0183**	**6.5523**	**0.8903**	**7.4427**	**3.3675**	**0.8191**	**4.1866**		**1,770.8297**	**1,770.8297**	**0.5727**		**1,785.1477**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**2.1900**	**2.4800e-003**	**2.1925**	**0.2289**	**2.3600e-003**	**0.2313**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.5554	0.0000	2.5554	1.3133	0.0000	1.3133			0.0000			0.0000
Off-Road	1.7648	19.7629	8.2258	0.0183		0.8903	0.8903		0.8191	0.8191	0.0000	1,770.8297	1,770.8297	0.5727		1,785.1477
Total	**1.7648**	**19.7629**	**8.2258**	**0.0183**	**2.5554**	**0.8903**	**3.4457**	**1.3133**	**0.8191**	**2.1324**	**0.0000**	**1,770.8297**	**1,770.8297**	**0.5727**		**1,785.1477**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**0.9723**	**2.4800e-003**	**0.9747**	**0.1073**	**2.3600e-003**	**0.1097**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

3.3 Community Facility in MU - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.0594	12.8403	5.7296	0.0160		0.4817	0.4817		0.4432	0.4432		1,548.6471	1,548.6471	0.5009		1,561.1687
Total	**1.0594**	**12.8403**	**5.7296**	**0.0160**	**0.5303**	**0.4817**	**1.0120**	**0.0573**	**0.4432**	**0.5004**		**1,548.6471**	**1,548.6471**	**0.5009**		**1,561.1687**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**2.1900**	**2.4800e-003**	**2.1925**	**0.2289**	**2.3600e-003**	**0.2313**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	1.0594	12.8403	5.7296	0.0160		0.4817	0.4817		0.4432	0.4432	0.0000	1,548.6471	1,548.6471	0.5009		1,561.1687
Total	**1.0594**	**12.8403**	**5.7296**	**0.0160**	**0.2068**	**0.4817**	**0.6885**	**0.0223**	**0.4432**	**0.4655**	**0.0000**	**1,548.6471**	**1,548.6471**	**0.5009**		**1,561.1687**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**0.9723**	**2.4800e-003**	**0.9747**	**0.1073**	**2.3600e-003**	**0.1097**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

3.4 Community Facility in MU - Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2291	16.9494	14.5647	0.0246		0.9075	0.9075		0.8714	0.8714		2,248.9165	2,248.9165	0.4516		2,260.2070
Total	**2.2291**	**16.9494**	**14.5647**	**0.0246**		**0.9075**	**0.9075**		**0.8714**	**0.8714**		**2,248.9165**	**2,248.9165**	**0.4516**		**2,260.2070**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	8.3100e-003	5.5500e-003	0.0535	1.6000e-004	0.6519	1.2000e-004	0.6520	0.0677	1.1000e-004	0.0678		15.8226	15.8226	4.8000e-004		15.8346
Total	**0.0240**	**0.4562**	**0.1810**	**1.2300e-003**	**1.5381**	**2.3700e-003**	**1.5404**	**0.1612**	**2.2600e-003**	**0.1635**		**130.4075**	**130.4075**	**9.7000e-003**		**130.6499**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2291	16.9494	14.5647	0.0246		0.9075	0.9075		0.8714	0.8714	0.0000	2,248.9165	2,248.9165	0.4516		2,260.2070
Total	**2.2291**	**16.9494**	**14.5647**	**0.0246**		**0.9075**	**0.9075**		**0.8714**	**0.8714**	**0.0000**	**2,248.9165**	**2,248.9165**	**0.4516**		**2,260.2070**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	8.3100e-003	5.5500e-003	0.0535	1.6000e-004	0.2886	1.2000e-004	0.2887	0.0314	1.1000e-004	0.0316		15.8226	15.8226	4.8000e-004		15.8346
Total	**0.0240**	**0.4562**	**0.1810**	**1.2300e-003**	**0.6837**	**2.3700e-003**	**0.6860**	**0.0759**	**2.2600e-003**	**0.0781**		**130.4075**	**130.4075**	**9.7000e-003**		**130.6499**

3.5 Community Facility in MU - Architectural Coatings - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.3345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3229	2.2451	2.4419	3.9600e-003		0.1479	0.1479		0.1479	0.1479		375.2641	375.2641	0.0291		375.9904
Total	**1.6574**	**2.2451**	**2.4419**	**3.9600e-003**		**0.1479**	**0.1479**		**0.1479**	**0.1479**		**375.2641**	**375.2641**	**0.0291**		**375.9904**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	8.3100e-003	5.5500e-003	0.0535	1.6000e-004	0.6519	1.2000e-004	0.6520	0.0677	1.1000e-004	0.0678		15.8226	15.8226	4.8000e-004		15.8346
Total	**0.0240**	**0.4562**	**0.1810**	**1.2300e-003**	**1.5381**	**2.3700e-003**	**1.5404**	**0.1612**	**2.2600e-003**	**0.1635**		**130.4075**	**130.4075**	**9.7000e-003**		**130.6499**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3229	2.2451	2.4419	3.9600e-003		0.1479	0.1479		0.1479	0.1479	0.0000	375.2641	375.2641	0.0291		375.9904
Total	**1.6574**	**2.2451**	**2.4419**	**3.9600e-003**		**0.1479**	**0.1479**		**0.1479**	**0.1479**	**0.0000**	**375.2641**	**375.2641**	**0.0291**		**375.9904**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	8.3100e-003	5.5500e-003	0.0535	1.6000e-004	0.2886	1.2000e-004	0.2887	0.0314	1.1000e-004	0.0316		15.8226	15.8226	4.8000e-004		15.8346
Total	**0.0240**	**0.4562**	**0.1810**	**1.2300e-003**	**0.6837**	**2.3700e-003**	**0.6860**	**0.0759**	**2.2600e-003**	**0.0781**		**130.4075**	**130.4075**	**9.7000e-003**		**130.6499**

3.6 Community Facility in MU - Landscape - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1592	2.1161	2.7688	4.1200e-003		0.0916	0.0916		0.0843	0.0843		398.7145	398.7145	0.1290		401.9383
Total	**0.1592**	**2.1161**	**2.7688**	**4.1200e-003**		**0.0916**	**0.0916**		**0.0843**	**0.0843**		**398.7145**	**398.7145**	**0.1290**		**401.9383**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**2.1900**	**2.4800e-003**	**2.1925**	**0.2289**	**2.3600e-003**	**0.2313**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1592	2.1161	2.7688	4.1200e-003		0.0916	0.0916		0.0843	0.0843	0.0000	398.7145	398.7145	0.1290		401.9383
Total	**0.1592**	**2.1161**	**2.7688**	**4.1200e-003**		**0.0916**	**0.0916**		**0.0843**	**0.0843**	**0.0000**	**398.7145**	**398.7145**	**0.1290**		**401.9383**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**0.9723**	**2.4800e-003**	**0.9747**	**0.1073**	**2.3600e-003**	**0.1097**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

3.7 Senior Activity Center Site Landscaping - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1592	2.1161	2.7688	4.1200e-003		0.0916	0.0916		0.0843	0.0843		398.7145	398.7145	0.1290		401.9383
Total	**0.1592**	**2.1161**	**2.7688**	**4.1200e-003**		**0.0916**	**0.0916**		**0.0843**	**0.0843**		**398.7145**	**398.7145**	**0.1290**		**401.9383**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0333	0.0222	0.2138	6.4000e-004	2.6076	4.6000e-004	2.6081	0.2709	4.2000e-004	0.2713		63.2906	63.2906	1.9100e-003		63.3382
Total	**0.0489**	**0.4729**	**0.3413**	**1.7100e-003**	**3.4938**	**2.7100e-003**	**3.4965**	**0.3644**	**2.5700e-003**	**0.3670**		**177.8755**	**177.8755**	**0.0111**		**178.1536**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1592	2.1161	2.7688	4.1200e-003		0.0916	0.0916		0.0843	0.0843	0.0000	398.7145	398.7145	0.1290		401.9383
Total	**0.1592**	**2.1161**	**2.7688**	**4.1200e-003**		**0.0916**	**0.0916**		**0.0843**	**0.0843**	**0.0000**	**398.7145**	**398.7145**	**0.1290**		**401.9383**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0333	0.0222	0.2138	6.4000e-004	1.1545	4.6000e-004	1.1549	0.1258	4.2000e-004	0.1262		63.2906	63.2906	1.9100e-003		63.3382
Total	**0.0489**	**0.4729**	**0.3413**	**1.7100e-003**	**1.5495**	**2.7100e-003**	**1.5522**	**0.1702**	**2.5700e-003**	**0.1728**		**177.8755**	**177.8755**	**0.0111**		**178.1536**

3.8 Swim Club Central Site Prep - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085		943.4872	943.4872	0.3051		951.1158
Total	**0.6853**	**8.4307**	**4.0942**	**9.7400e-003**	**0.5303**	**0.3353**	**0.8656**	**0.0573**	**0.3085**	**0.3658**		**943.4872**	**943.4872**	**0.3051**		**951.1158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**2.1900**	**2.4800e-003**	**2.1925**	**0.2289**	**2.3600e-003**	**0.2313**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085	0.0000	943.4872	943.4872	0.3051		951.1158
Total	**0.6853**	**8.4307**	**4.0942**	**9.7400e-003**	**0.2068**	**0.3353**	**0.5421**	**0.0223**	**0.3085**	**0.3309**	**0.0000**	**943.4872**	**943.4872**	**0.3051**		**951.1158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**0.9723**	**2.4800e-003**	**0.9747**	**0.1073**	**2.3600e-003**	**0.1097**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

3.9 Community Facility in MU - Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3399	13.8931	14.4718	0.0225		0.7435	0.7435		0.6841	0.6841		2,180.6024	2,180.6024	0.7053		2,198.2336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3399**	**13.8931**	**14.4718**	**0.0225**		**0.7435**	**0.7435**		**0.6841**	**0.6841**		**2,180.6024**	**2,180.6024**	**0.7053**		**2,198.2336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0391	1.1267	0.3188	2.6700e-003	2.2154	5.6200e-003	2.2210	0.2337	5.3800e-003	0.2390		286.4622	286.4622	0.0231		287.0385
Worker	0.0166	0.0111	0.1069	3.2000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0558**	**1.1378**	**0.4257**	**2.9900e-003**	**3.5192**	**5.8500e-003**	**3.5251**	**0.3691**	**5.5900e-003**	**0.3747**		**318.1075**	**318.1075**	**0.0240**		**318.7076**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3399	13.8931	14.4718	0.0225		0.7435	0.7435		0.6841	0.6841	0.0000	2,180.6024	2,180.6024	0.7053		2,198.2336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3399**	**13.8931**	**14.4718**	**0.0225**		**0.7435**	**0.7435**		**0.6841**	**0.6841**	**0.0000**	**2,180.6024**	**2,180.6024**	**0.7053**		**2,198.2336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0391	1.1267	0.3188	2.6700e-003	0.9876	5.6200e-003	0.9932	0.1110	5.3800e-003	0.1164		286.4622	286.4622	0.0231		287.0385
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0558**	**1.1378**	**0.4257**	**2.9900e-003**	**1.5648**	**5.8500e-003**	**1.5707**	**0.1739**	**5.5900e-003**	**0.1795**		**318.1075**	**318.1075**	**0.0240**		**318.7076**

3.10 Senior Activity Center Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.9167	18.8412	12.3776	0.0210		1.0194	1.0194		0.9537	0.9537		2,021.5442	2,021.5442	0.4997		2,034.0360
Total	**1.9167**	**18.8412**	**12.3776**	**0.0210**	**6.0221**	**1.0194**	**7.0415**	**3.3102**	**0.9537**	**4.2639**		**2,021.5442**	**2,021.5442**	**0.4997**		**2,034.0360**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0249	0.0167	0.1604	4.8000e-004	1.9557	3.5000e-004	1.9561	0.2032	3.2000e-004	0.2035		47.4679	47.4679	1.4300e-003		47.5037
Total	**0.0406**	**0.4673**	**0.2879**	**1.5500e-003**	**2.8419**	**2.6000e-003**	**2.8445**	**0.2967**	**2.4700e-003**	**0.2991**		**162.0528**	**162.0528**	**0.0107**		**162.3190**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	1.9167	18.8412	12.3776	0.0210		1.0194	1.0194		0.9537	0.9537	0.0000	2,021.5442	2,021.5442	0.4997		2,034.0360
Total	**1.9167**	**18.8412**	**12.3776**	**0.0210**	**2.3486**	**1.0194**	**3.3680**	**1.2910**	**0.9537**	**2.2447**	**0.0000**	**2,021.5442**	**2,021.5442**	**0.4997**		**2,034.0360**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0249	0.0167	0.1604	4.8000e-004	0.8659	3.5000e-004	0.8662	0.0943	3.2000e-004	0.0946		47.4679	47.4679	1.4300e-003		47.5037
Total	**0.0406**	**0.4673**	**0.2879**	**1.5500e-003**	**1.2609**	**2.6000e-003**	**1.2635**	**0.1387**	**2.4700e-003**	**0.1412**		**162.0528**	**162.0528**	**0.0107**		**162.3190**

3.11 Swim Club Central Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.9167	18.8412	12.3776	0.0210		1.0194	1.0194		0.9537	0.9537		2,021.5442	2,021.5442	0.4997		2,034.0360
Total	**1.9167**	**18.8412**	**12.3776**	**0.0210**	**6.0221**	**1.0194**	**7.0415**	**3.3102**	**0.9537**	**4.2639**		**2,021.5442**	**2,021.5442**	**0.4997**		**2,034.0360**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0249	0.0167	0.1604	4.8000e-004	1.9557	3.5000e-004	1.9561	0.2032	3.2000e-004	0.2035		47.4679	47.4679	1.4300e-003		47.5037
Total	**0.0406**	**0.4673**	**0.2879**	**1.5500e-003**	**2.8419**	**2.6000e-003**	**2.8445**	**0.2967**	**2.4700e-003**	**0.2991**		**162.0528**	**162.0528**	**0.0107**		**162.3190**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	1.9167	18.8412	12.3776	0.0210		1.0194	1.0194		0.9537	0.9537	0.0000	2,021.5442	2,021.5442	0.4997		2,034.0360
Total	**1.9167**	**18.8412**	**12.3776**	**0.0210**	**2.3486**	**1.0194**	**3.3680**	**1.2910**	**0.9537**	**2.2447**	**0.0000**	**2,021.5442**	**2,021.5442**	**0.4997**		**2,034.0360**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0249	0.0167	0.1604	4.8000e-004	0.8659	3.5000e-004	0.8662	0.0943	3.2000e-004	0.0946		47.4679	47.4679	1.4300e-003		47.5037
Total	**0.0406**	**0.4673**	**0.2879**	**1.5500e-003**	**1.2609**	**2.6000e-003**	**1.2635**	**0.1387**	**2.4700e-003**	**0.1412**		**162.0528**	**162.0528**	**0.0107**		**162.3190**

3.12 Senior Activity Center Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1572	12.1574	9.0148	0.0150		0.6803	0.6803		0.6259	0.6259		1,451.7689	1,451.7689	0.4695		1,463.5072
Total	**1.1572**	**12.1574**	**9.0148**	**0.0150**		**0.6803**	**0.6803**		**0.6259**	**0.6259**		**1,451.7689**	**1,451.7689**	**0.4695**		**1,463.5072**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**2.1900**	**2.4800e-003**	**2.1925**	**0.2289**	**2.3600e-003**	**0.2313**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1572	12.1574	9.0148	0.0150		0.6803	0.6803		0.6259	0.6259	0.0000	1,451.7689	1,451.7689	0.4695		1,463.5072
Total	**1.1572**	**12.1574**	**9.0148**	**0.0150**		**0.6803**	**0.6803**		**0.6259**	**0.6259**	**0.0000**	**1,451.7689**	**1,451.7689**	**0.4695**		**1,463.5072**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**0.9723**	**2.4800e-003**	**0.9747**	**0.1073**	**2.3600e-003**	**0.1097**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

3.12 Senior Activity Center Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0432	10.9639	8.8194	0.0150		0.5865	0.5865		0.5396	0.5396		1,451.9805	1,451.9805	0.4696		1,463.7205
Total	**1.0432**	**10.9639**	**8.8194**	**0.0150**		**0.5865**	**0.5865**		**0.5396**	**0.5396**		**1,451.9805**	**1,451.9805**	**0.4696**		**1,463.7205**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**2.1900**	**1.1200e-003**	**2.1911**	**0.2289**	**1.0600e-003**	**0.2300**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0432	10.9639	8.8194	0.0150		0.5865	0.5865		0.5396	0.5396	0.0000	1,451.9805	1,451.9805	0.4696		1,463.7204
Total	**1.0432**	**10.9639**	**8.8194**	**0.0150**		**0.5865**	**0.5865**		**0.5396**	**0.5396**	**0.0000**	**1,451.9805**	**1,451.9805**	**0.4696**		**1,463.7204**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**0.9723**	**1.1200e-003**	**0.9734**	**0.1073**	**1.0600e-003**	**0.1084**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

3.13 Swim Club Central Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1572	12.1574	9.0148	0.0150		0.6803	0.6803		0.6259	0.6259		1,451.7689	1,451.7689	0.4695		1,463.5072
Total	**1.1572**	**12.1574**	**9.0148**	**0.0150**		**0.6803**	**0.6803**		**0.6259**	**0.6259**		**1,451.7689**	**1,451.7689**	**0.4695**		**1,463.5072**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	8.3100e-003	5.5500e-003	0.0535	1.6000e-004	0.6519	1.2000e-004	0.6520	0.0677	1.1000e-004	0.0678		15.8226	15.8226	4.8000e-004		15.8346
Total	**0.0240**	**0.4562**	**0.1810**	**1.2300e-003**	**1.5381**	**2.3700e-003**	**1.5404**	**0.1612**	**2.2600e-003**	**0.1635**		**130.4075**	**130.4075**	**9.7000e-003**		**130.6499**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1572	12.1574	9.0148	0.0150		0.6803	0.6803		0.6259	0.6259	0.0000	1,451.7689	1,451.7689	0.4695		1,463.5072
Total	**1.1572**	**12.1574**	**9.0148**	**0.0150**		**0.6803**	**0.6803**		**0.6259**	**0.6259**	**0.0000**	**1,451.7689**	**1,451.7689**	**0.4695**		**1,463.5072**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	8.3100e-003	5.5500e-003	0.0535	1.6000e-004	0.2886	1.2000e-004	0.2887	0.0314	1.1000e-004	0.0316		15.8226	15.8226	4.8000e-004		15.8346
Total	**0.0240**	**0.4562**	**0.1810**	**1.2300e-003**	**0.6837**	**2.3700e-003**	**0.6860**	**0.0759**	**2.2600e-003**	**0.0781**		**130.4075**	**130.4075**	**9.7000e-003**		**130.6499**

3.13 Swim Club Central Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0432	10.9639	8.8194	0.0150		0.5865	0.5865		0.5396	0.5396		1,451.9805	1,451.9805	0.4696		1,463.7205
Total	**1.0432**	**10.9639**	**8.8194**	**0.0150**		**0.5865**	**0.5865**		**0.5396**	**0.5396**		**1,451.9805**	**1,451.9805**	**0.4696**		**1,463.7205**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	7.8400e-003	5.0400e-003	0.0499	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.2910	15.2910	4.4000e-004		15.3019
Total	**0.0206**	**0.4113**	**0.1654**	**1.2100e-003**	**1.5381**	**1.0000e-003**	**1.5391**	**0.1612**	**9.5000e-004**	**0.1621**		**128.8187**	**128.8187**	**9.2800e-003**		**129.0508**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0432	10.9639	8.8194	0.0150		0.5865	0.5865		0.5396	0.5396	0.0000	1,451.9805	1,451.9805	0.4696		1,463.7204
Total	**1.0432**	**10.9639**	**8.8194**	**0.0150**		**0.5865**	**0.5865**		**0.5396**	**0.5396**	**0.0000**	**1,451.9805**	**1,451.9805**	**0.4696**		**1,463.7204**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	7.8400e-003	5.0400e-003	0.0499	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.2910	15.2910	4.4000e-004		15.3019
Total	**0.0206**	**0.4113**	**0.1654**	**1.2100e-003**	**0.6837**	**1.0000e-003**	**0.6847**	**0.0759**	**9.5000e-004**	**0.0768**		**128.8187**	**128.8187**	**9.2800e-003**		**129.0508**

3.14 Senior Activity Center Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.1949					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2919	2.0358	2.4234	3.9600e-003		0.1255	0.1255		0.1255	0.1255		375.2641	375.2641	0.0258		375.9079
Total	**2.4868**	**2.0358**	**2.4234**	**3.9600e-003**		**0.1255**	**0.1255**		**0.1255**	**0.1255**		**375.2641**	**375.2641**	**0.0258**		**375.9079**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	7.8400e-003	5.0400e-003	0.0499	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.2910	15.2910	4.4000e-004		15.3019
Total	**0.0206**	**0.4113**	**0.1654**	**1.2100e-003**	**1.5381**	**1.0000e-003**	**1.5391**	**0.1612**	**9.5000e-004**	**0.1621**		**128.8187**	**128.8187**	**9.2800e-003**		**129.0508**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.1949					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2919	2.0358	2.4234	3.9600e-003		0.1255	0.1255		0.1255	0.1255	0.0000	375.2641	375.2641	0.0258		375.9079
Total	**2.4868**	**2.0358**	**2.4234**	**3.9600e-003**		**0.1255**	**0.1255**		**0.1255**	**0.1255**	**0.0000**	**375.2641**	**375.2641**	**0.0258**		**375.9079**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	7.8400e-003	5.0400e-003	0.0499	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.2910	15.2910	4.4000e-004		15.3019
Total	**0.0206**	**0.4113**	**0.1654**	**1.2100e-003**	**0.6837**	**1.0000e-003**	**0.6847**	**0.0759**	**9.5000e-004**	**0.0768**		**128.8187**	**128.8187**	**9.2800e-003**		**129.0508**

3.15 Swim Club Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.4345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2919	2.0358	2.4234	3.9600e-003		0.1255	0.1255		0.1255	0.1255		375.2641	375.2641	0.0258		375.9079
Total	**0.7264**	**2.0358**	**2.4234**	**3.9600e-003**		**0.1255**	**0.1255**		**0.1255**	**0.1255**		**375.2641**	**375.2641**	**0.0258**		**375.9079**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	7.8400e-003	5.0400e-003	0.0499	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.2910	15.2910	4.4000e-004		15.3019
Total	**0.0206**	**0.4113**	**0.1654**	**1.2100e-003**	**1.5381**	**1.0000e-003**	**1.5391**	**0.1612**	**9.5000e-004**	**0.1621**		**128.8187**	**128.8187**	**9.2800e-003**		**129.0508**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2919	2.0358	2.4234	3.9600e-003		0.1255	0.1255		0.1255	0.1255	0.0000	375.2641	375.2641	0.0258		375.9079
Total	**0.7264**	**2.0358**	**2.4234**	**3.9600e-003**		**0.1255**	**0.1255**		**0.1255**	**0.1255**	**0.0000**	**375.2641**	**375.2641**	**0.0258**		**375.9079**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	7.8400e-003	5.0400e-003	0.0499	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.2910	15.2910	4.4000e-004		15.3019
Total	**0.0206**	**0.4113**	**0.1654**	**1.2100e-003**	**0.6837**	**1.0000e-003**	**0.6847**	**0.0759**	**9.5000e-004**	**0.0768**		**128.8187**	**128.8187**	**9.2800e-003**		**129.0508**

3.16 Senior Activity Center Landscaping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1504	1.9989	2.7686	4.1200e-003		0.0813	0.0813		0.0748	0.0748		398.7735	398.7735	0.1290		401.9978
Total	**0.1504**	**1.9989**	**2.7686**	**4.1200e-003**		**0.0813**	**0.0813**		**0.0748**	**0.0748**		**398.7735**	**398.7735**	**0.1290**		**401.9978**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**2.1900**	**1.1200e-003**	**2.1911**	**0.2289**	**1.0600e-003**	**0.2300**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1504	1.9989	2.7686	4.1200e-003		0.0813	0.0813		0.0748	0.0748	0.0000	398.7735	398.7735	0.1290		401.9978
Total	**0.1504**	**1.9989**	**2.7686**	**4.1200e-003**		**0.0813**	**0.0813**		**0.0748**	**0.0748**	**0.0000**	**398.7735**	**398.7735**	**0.1290**		**401.9978**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**0.9723**	**1.1200e-003**	**0.9734**	**0.1073**	**1.0600e-003**	**0.1084**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

3.17 Swim Club Central Landscaping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1504	1.9989	2.7686	4.1200e-003		0.0813	0.0813		0.0748	0.0748		398.7735	398.7735	0.1290		401.9978
Total	**0.1504**	**1.9989**	**2.7686**	**4.1200e-003**		**0.0813**	**0.0813**		**0.0748**	**0.0748**		**398.7735**	**398.7735**	**0.1290**		**401.9978**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**2.1900**	**1.1200e-003**	**2.1911**	**0.2289**	**1.0600e-003**	**0.2300**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1504	1.9989	2.7686	4.1200e-003		0.0813	0.0813		0.0748	0.0748	0.0000	398.7735	398.7735	0.1290		401.9978
Total	**0.1504**	**1.9989**	**2.7686**	**4.1200e-003**		**0.0813**	**0.0813**		**0.0748**	**0.0748**	**0.0000**	**398.7735**	**398.7735**	**0.1290**		**401.9978**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**0.9723**	**1.1200e-003**	**0.9734**	**0.1073**	**1.0600e-003**	**0.1084**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

3.18 Senior Activity Center Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2402	12.7608	14.4729	0.0225		0.6694	0.6694		0.6158	0.6158		2,180.0858	2,180.0858	0.7051		2,197.7129
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.2402**	**12.7608**	**14.4729**	**0.0225**		**0.6694**	**0.6694**		**0.6158**	**0.6158**		**2,180.0858**	**2,180.0858**	**0.7051**		**2,197.7129**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0319	1.0156	0.2890	2.6400e-003	2.2154	2.2300e-003	2.2176	0.2337	2.1300e-003	0.2358		283.8193	283.8193	0.0221		284.3721
Worker	0.0314	0.0202	0.1995	6.1000e-004	2.6076	4.5000e-004	2.6081	0.2709	4.2000e-004	0.2713		61.1638	61.1638	1.7600e-003		61.2077
Total	**0.0633**	**1.0358**	**0.4884**	**3.2500e-003**	**4.8230**	**2.6800e-003**	**4.8257**	**0.5046**	**2.5500e-003**	**0.5071**		**344.9831**	**344.9831**	**0.0239**		**345.5798**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2402	12.7608	14.4729	0.0225		0.6694	0.6694		0.6158	0.6158	0.0000	2,180.0858	2,180.0858	0.7051		2,197.7129
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.2402**	**12.7608**	**14.4729**	**0.0225**		**0.6694**	**0.6694**		**0.6158**	**0.6158**	**0.0000**	**2,180.0858**	**2,180.0858**	**0.7051**		**2,197.7129**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0319	1.0156	0.2890	2.6400e-003	0.9876	2.2300e-003	0.9898	0.1110	2.1300e-003	0.1131		283.8193	283.8193	0.0221		284.3721
Worker	0.0314	0.0202	0.1995	6.1000e-004	1.1545	4.5000e-004	1.1549	0.1258	4.2000e-004	0.1262		61.1638	61.1638	1.7600e-003		61.2077
Total	**0.0633**	**1.0358**	**0.4884**	**3.2500e-003**	**2.1421**	**2.6800e-003**	**2.1447**	**0.2368**	**2.5500e-003**	**0.2393**		**344.9831**	**344.9831**	**0.0239**		**345.5798**

3.19 Commercial 2- Site Preparation - 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					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.5348	6.1887	3.9239	9.7300e-003		0.2266	0.2266		0.2084	0.2084		942.4317	942.4317	0.3048		950.0517
Total	**0.5348**	**6.1887**	**3.9239**	**9.7300e-003**	**0.5303**	**0.2266**	**0.7568**	**0.0573**	**0.2084**	**0.2657**		**942.4317**	**942.4317**	**0.3048**		**950.0517**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**2.1900**	**6.0000e-004**	**2.1906**	**0.2289**	**5.6000e-004**	**0.2295**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.5348	6.1887	3.9239	9.7300e-003		0.2266	0.2266		0.2084	0.2084	0.0000	942.4317	942.4317	0.3048		950.0517
Total	**0.5348**	**6.1887**	**3.9239**	**9.7300e-003**	**0.2068**	**0.2266**	**0.4334**	**0.0223**	**0.2084**	**0.2308**	**0.0000**	**942.4317**	**942.4317**	**0.3048**		**950.0517**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**0.9723**	**6.0000e-004**	**0.9729**	**0.1073**	**5.6000e-004**	**0.1079**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

3.20 Commercial 2- 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					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.6463	5.7787	7.3926	0.0120		0.2821	0.2821		0.2698	0.2698		1,148.4055	1,148.4055	0.2089		1,153.6290
Total	**0.6463**	**5.7787**	**7.3926**	**0.0120**	**0.7528**	**0.2821**	**1.0349**	**0.4138**	**0.2698**	**0.6836**		**1,148.4055**	**1,148.4055**	**0.2089**		**1,153.6290**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.8419**	**7.1000e-004**	**2.8426**	**0.2967**	**6.6000e-004**	**0.2973**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2936	0.0000	0.2936	0.1614	0.0000	0.1614			0.0000			0.0000
Off-Road	0.6463	5.7787	7.3926	0.0120		0.2821	0.2821		0.2698	0.2698	0.0000	1,148.4055	1,148.4055	0.2089		1,153.6290
Total	**0.6463**	**5.7787**	**7.3926**	**0.0120**	**0.2936**	**0.2821**	**0.5757**	**0.1614**	**0.2698**	**0.4312**	**0.0000**	**1,148.4055**	**1,148.4055**	**0.2089**		**1,153.6290**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**1.2609**	**7.1000e-004**	**1.2616**	**0.1387**	**6.6000e-004**	**0.1394**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.21 Commercial 2- 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	0.8567	8.7784	8.5680	0.0150		0.4285	0.4285		0.3942	0.3942		1,453.4078	1,453.4078	0.4701		1,465.1593
Total	**0.8567**	**8.7784**	**8.5680**	**0.0150**		**0.4285**	**0.4285**		**0.3942**	**0.3942**		**1,453.4078**	**1,453.4078**	**0.4701**		**1,465.1593**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.1679	14.1679	3.7000e-004		14.1771
Total	**0.0162**	**0.3059**	**0.1417**	**1.1600e-003**	**1.5381**	**4.9000e-004**	**1.5386**	**0.1612**	**4.6000e-004**	**0.1617**		**123.7957**	**123.7957**	**8.1600e-003**		**123.9997**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8567	8.7784	8.5680	0.0150		0.4285	0.4285		0.3942	0.3942	0.0000	1,453.4078	1,453.4078	0.4701		1,465.1593
Total	**0.8567**	**8.7784**	**8.5680**	**0.0150**		**0.4285**	**0.4285**		**0.3942**	**0.3942**	**0.0000**	**1,453.4078**	**1,453.4078**	**0.4701**		**1,465.1593**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.1679	14.1679	3.7000e-004		14.1771
Total	**0.0162**	**0.3059**	**0.1417**	**1.1600e-003**	**0.6837**	**4.9000e-004**	**0.6841**	**0.0759**	**4.6000e-004**	**0.0763**		**123.7957**	**123.7957**	**8.1600e-003**		**123.9997**

3.22 Commercial 3- 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	1.3865					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	**1.6421**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**		**375.2641**	**375.2641**	**0.0225**		**375.8253**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.1679	14.1679	3.7000e-004		14.1771
Total	**0.0162**	**0.3059**	**0.1417**	**1.1600e-003**	**1.5381**	**4.9000e-004**	**1.5386**	**0.1612**	**4.6000e-004**	**0.1617**		**123.7957**	**123.7957**	**8.1600e-003**		**123.9997**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3865					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253
Total	**1.6421**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**	**0.0000**	**375.2641**	**375.2641**	**0.0225**		**375.8253**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.1679	14.1679	3.7000e-004		14.1771
Total	**0.0162**	**0.3059**	**0.1417**	**1.1600e-003**	**0.6837**	**4.9000e-004**	**0.6841**	**0.0759**	**4.6000e-004**	**0.0763**		**123.7957**	**123.7957**	**8.1600e-003**		**123.9997**

3.23 Commercial 3- Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.4985	5.6040	3.8921	9.7300e-003		0.2012	0.2012		0.1851	0.1851		942.2742	942.2742	0.3048		949.8930
Total	**0.4985**	**5.6040**	**3.8921**	**9.7300e-003**	**0.5303**	**0.2012**	**0.7315**	**0.0573**	**0.1851**	**0.2424**		**942.2742**	**942.2742**	**0.3048**		**949.8930**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0223**	**0.3052**	**0.1758**	**1.2800e-003**	**2.1900**	**5.8000e-004**	**2.1906**	**0.2289**	**5.5000e-004**	**0.2295**		**136.1632**	**136.1632**	**8.3700e-003**		**136.3724**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.4985	5.6040	3.8921	9.7300e-003		0.2012	0.2012		0.1851	0.1851	0.0000	942.2742	942.2742	0.3048		949.8930
Total	**0.4985**	**5.6040**	**3.8921**	**9.7300e-003**	**0.2068**	**0.2012**	**0.4080**	**0.0223**	**0.1851**	**0.2075**	**0.0000**	**942.2742**	**942.2742**	**0.3048**		**949.8930**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0223**	**0.3052**	**0.1758**	**1.2800e-003**	**0.9723**	**5.8000e-004**	**0.9729**	**0.1073**	**5.5000e-004**	**0.1078**		**136.1632**	**136.1632**	**8.3700e-003**		**136.3724**

3.24 Commercial 3- Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.2958	12.4384	11.2523	0.0210		0.5646	0.5646		0.5283	0.5283		2,023.1791	2,023.1791	0.4908		2,035.4495
Total	**1.2958**	**12.4384**	**11.2523**	**0.0210**	**6.0221**	**0.5646**	**6.5867**	**3.3102**	**0.5283**	**3.8385**		**2,023.1791**	**2,023.1791**	**0.4908**		**2,035.4495**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.5000e-004**	**0.2973**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	1.2958	12.4384	11.2523	0.0210		0.5646	0.5646		0.5283	0.5283	0.0000	2,023.1791	2,023.1791	0.4908		2,035.4495
Total	**1.2958**	**12.4384**	**11.2523**	**0.0210**	**2.3486**	**0.5646**	**2.9133**	**1.2910**	**0.5283**	**1.8193**	**0.0000**	**2,023.1791**	**2,023.1791**	**0.4908**		**2,035.4495**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	0.8659	3.2000e-004	0.8662	0.0943	3.0000e-004	0.0946		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**1.2609**	**6.9000e-004**	**1.2616**	**0.1387**	**6.5000e-004**	**0.1394**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

3.25 Commercial 3- Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8056	8.1420	8.5062	0.0150		0.3798	0.3798		0.3494	0.3494		1,453.7749	1,453.7749	0.4702		1,465.5294
Total	**0.8056**	**8.1420**	**8.5062**	**0.0150**		**0.3798**	**0.3798**		**0.3494**	**0.3494**		**1,453.7749**	**1,453.7749**	**0.4702**		**1,465.5294**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.6102	13.6102	3.4000e-004		13.6187
Total	**0.0156**	**0.3013**	**0.1358**	**1.1500e-003**	**1.5381**	**4.8000e-004**	**1.5385**	**0.1612**	**4.5000e-004**	**0.1616**		**122.5530**	**122.5530**	**8.0300e-003**		**122.7537**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8056	8.1420	8.5062	0.0150		0.3798	0.3798		0.3494	0.3494	0.0000	1,453.7749	1,453.7749	0.4702		1,465.5294
Total	**0.8056**	**8.1420**	**8.5062**	**0.0150**		**0.3798**	**0.3798**		**0.3494**	**0.3494**	**0.0000**	**1,453.7749**	**1,453.7749**	**0.4702**		**1,465.5294**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.6102	13.6102	3.4000e-004		13.6187
Total	**0.0156**	**0.3013**	**0.1358**	**1.1500e-003**	**0.6837**	**4.8000e-004**	**0.6841**	**0.0759**	**4.5000e-004**	**0.0763**		**122.5530**	**122.5530**	**8.0300e-003**		**122.7537**

3.26 Commercial 2- 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	1.2660					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2410	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812		375.2641	375.2641	0.0211		375.7923
Total	**1.5070**	**1.6251**	**2.4135**	**3.9600e-003**		**0.0812**	**0.0812**		**0.0812**	**0.0812**		**375.2641**	**375.2641**	**0.0211**		**375.7923**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.6102	13.6102	3.4000e-004		13.6187
Total	**0.0156**	**0.3013**	**0.1358**	**1.1500e-003**	**1.5381**	**4.8000e-004**	**1.5385**	**0.1612**	**4.5000e-004**	**0.1616**		**122.5530**	**122.5530**	**8.0300e-003**		**122.7537**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2660					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2410	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812	0.0000	375.2641	375.2641	0.0211		375.7923
Total	**1.5070**	**1.6251**	**2.4135**	**3.9600e-003**		**0.0812**	**0.0812**		**0.0812**	**0.0812**	**0.0000**	**375.2641**	**375.2641**	**0.0211**		**375.7923**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.6102	13.6102	3.4000e-004		13.6187
Total	**0.0156**	**0.3013**	**0.1358**	**1.1500e-003**	**0.6837**	**4.8000e-004**	**0.6841**	**0.0759**	**4.5000e-004**	**0.0763**		**122.5530**	**122.5530**	**8.0300e-003**		**122.7537**

CalEEMod Version: CalEEMod.2016.3.1 Date: 8/22/2017 2:21 PM

Central Village Non-Residential -LEA 2

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	0.00	97,340.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Area Coating - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Residential_Exterior	65705	0
tblAreaCoating	Area_Residential_Interior	197114	0
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstructionPhase	NumDays	0.00	20.00
tblConstructionPhase	NumDays	0.00	20.00
tblConstructionPhase	NumDays	0.00	21.00
tblConstructionPhase	NumDays	0.00	23.00
tblConstructionPhase	NumDays	0.00	22.00
tblConstructionPhase	NumDays	0.00	83.00
tblConstructionPhase	NumDays	0.00	83.00
tblConstructionPhase	NumDays	0.00	124.00
tblConstructionPhase	NumDays	0.00	122.00
tblConstructionPhase	NumDays	0.00	83.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	4.00
tblConstructionPhase	NumDays	0.00	1.00
tblConstructionPhase	NumDays	0.00	5.00
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tblConstructionPhase	NumDays	0.00	21.00
tblConstructionPhase	NumDays	0.00	23.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	22.00
tblConstructionPhase	NumDays	0.00	22.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	3.00
tblConstructionPhase	NumDays	0.00	23.00
tblConstructionPhase	NumDays	0.00	2.00

tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-10
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-16
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-18
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblLandUse	BuildingSpaceSquareFeet	0.00	97,340.00
tblLandUse	LandUseSquareFeet	0.00	97,340.00
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.20	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.42	0.42
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tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.20	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.20	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.38	0.38

tblOffRoadEquipment	LoadFactor	0.36	0.36
tblOffRoadEquipment	LoadFactor	0.42	0.42
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.20	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.20	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Welders
tblOffRoadEquipment	OffRoadEquipmentType		Generator Sets
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Pavers
tblOffRoadEquipment	OffRoadEquipmentType		Paving Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Rollers
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers
tblOffRoadEquipment	OffRoadEquipmentType		Concrete/Industrial Saws

tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers
tblOffRoadEquipment	OffRoadEquipmentType		Concrete/Industrial Saws
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Rollers
tblOffRoadEquipment	OffRoadEquipmentType		Paving Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Pavers
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers
tblOffRoadEquipment	OffRoadEquipmentType		Concrete/Industrial Saws
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers

tblOffRoadEquipment	OffRoadEquipmentType		Concrete/Industrial Saws
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	PhaseName		Community Facility in MU - Site Preparation
tblOffRoadEquipment	PhaseName		Community Facility in MU - Grading
tblOffRoadEquipment	PhaseName		Community Facility in MU - Grading
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
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tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00

tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
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tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblProjectCharacteristics	OperationalYear	2018	2022
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	5.4880	56.2217	43.1946	0.0764	23.4371	2.8872	26.3243	7.8118	2.6883	10.5001	0.0000	7,437.8427	7,437.8427	1.8863	0.0000	7,485.0003
2021	5.3825	27.6510	23.1660	0.0430	6.8042	1.4279	8.2320	0.7125	1.3338	2.0463	0.0000	4,202.0962	4,202.0962	1.0263	0.0000	4,227.7547
2023	2.5285	11.1293	11.2545	0.0214	3.5946	0.5239	3.8774	0.7104	0.4895	0.9809	0.0000	2,083.9081	2,083.9081	0.5081	0.0000	2,096.6100
2024	2.3411	12.7475	11.4681	0.0225	8.8640	0.5653	9.4293	3.6069	0.5289	4.1358	0.0000	2,178.4724	2,178.4724	0.5067	0.0000	2,190.9523
Maximum	**5.4880**	**56.2217**	**43.1946**	**0.0764**	**23.4371**	**2.8872**	**26.3243**	**7.8118**	**2.6883**	**10.5001**	**0.0000**	**7,437.8427**	**7,437.8427**	**1.8863**	**0.0000**	**7,485.0003**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	5.4880	56.2217	43.1946	0.0764	9.7561	2.8872	12.6432	3.1406	2.6883	5.8290	0.0000	7,437.8427	7,437.8427	1.8863	0.0000	7,485.0003
2021	5.3825	27.6510	23.1660	0.0430	3.0232	1.4279	4.4511	0.3348	1.3338	1.6686	0.0000	4,202.0962	4,202.0962	1.0263	0.0000	4,227.7547
2023	2.5285	11.1293	11.2545	0.0214	1.5545	0.5239	1.8912	0.3001	0.4895	0.6412	0.0000	2,083.9081	2,083.9081	0.5081	0.0000	2,096.6100
2024	2.3411	12.7475	11.4681	0.0225	3.6095	0.5653	4.1748	1.4297	0.5289	1.9587	0.0000	2,178.4724	2,178.4724	0.5067	0.0000	2,190.9523
Maximum	**5.4880**	**56.2217**	**43.1946**	**0.0764**	**9.7561**	**2.8872**	**12.6432**	**3.1406**	**2.6883**	**5.8290**	**0.0000**	**7,437.8427**	**7,437.8427**	**1.8863**	**0.0000**	**7,485.0003**

	ROG	NOx	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**	**57.98**	**0.00**	**51.61**	**59.47**	**0.00**	**42.83**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5000e-003	9.5000e-004	0.0826	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**2.5000e-003**	**9.5000e-004**	**0.0826**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5000e-003	9.5000e-004	0.0826	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**2.5000e-003**	**9.5000e-004**	**0.0826**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

	ROG	NOx	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	Community Facility in MU - Site Preparation	Site Preparation	7/1/2020	7/2/2020	5	2	
2	Community Facility in MU - Grading	Grading	7/3/2020	7/5/2020	5	1	
3	Community Facility in MU - Building Construction	Building Construction	7/8/2020	11/1/2020	5	83	
4	Community Facility in MU - Architectural Coatings	Architectural Coating	9/1/2020	9/30/2020	6	22	
5	Community Facility in MU - Landscape	Site Preparation	12/1/2020	12/31/2020	5	23	
6	Senior Activity Center Site Landscaping	Site Preparation	12/1/2020	12/2/2020	5	2	
7	Swim Club Central Site Prep	Site Preparation	12/1/2020	12/2/2020	5	2	
8	Community Facility in MU - Paving	Paving	12/1/2020	12/31/2020	5	23	
9	Senior Activity Center Grading	Grading	12/3/2020	12/5/2020	5	2	
10	Swim Club Central Grading	Grading	12/3/2020	12/5/2020	5	2	
11	Senior Activity Center Building Construction	Building Construction	12/6/2020	3/31/2021	5	83	
12	Swim Club Central Building Construction	Building Construction	12/6/2020	3/31/2021	5	83	
13	Senior Activity Center Architectural Coating	Architectural Coating	2/1/2021	2/28/2021	5	20	
14	Swim Club Architectural Coating	Architectural Coating	2/1/2021	2/28/2021	5	20	
15	Senior Activity Center Landscaping	Site Preparation	4/1/2021	4/30/2021	5	22	
16	Swim Club Central Landscaping	Site Preparation	4/1/2021	4/30/2021	5	22	
17	Senior Activity Center Paving	Paving	5/1/2021	5/31/2021	5	21	
18	Commercial 2- Site Preparation	Site Preparation	6/1/2023	6/3/2023	5	2	
19	Commercial 2- Grading	Grading	6/6/2023	6/10/2023	5	4	
20	Commercial 2- Building Construction	Building Construction	6/13/2023	12/1/2023	5	124	
21	Commercial 3- Architectural coating	Architectural Coating	9/1/2023	9/30/2023	6	21	
22	Commercial 3- Site Preparation	Site Preparation	6/1/2024	6/5/2024	5	3	
23	Commercial 3- Grading	Grading	6/6/2024	6/12/2024	5	5	
24	Commercial 3- Building Construction	Building Construction	6/13/2024	12/1/2024	5	122	
25	Commercial 2- Architectural coating	Architectural Coating	10/1/2024	10/31/2024	6	23	

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: 7,500; Non-Residential Outdoor: 2,500; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Swim Club Central Building Construction	Forklifts	2	8.00	89	0.20
Swim Club Central Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Senior Activity Center Architectural Coating	Air Compressors	1	8.00	78	0.48
Swim Club Architectural Coating	Air Compressors	1	8.00	78	0.48
Senior Activity Center Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Swim Club Central Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Senior Activity Center Paving	Rollers	2	8.00	80	0.38
Senior Activity Center Paving	Paving Equipment	2	8.00	132	0.36
Senior Activity Center Paving	Pavers	2	8.00	130	0.42
Commercial 2- Site Preparation	Graders	1	8.00	187	0.41
Commercial 2- Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Commercial 2- Grading	Rubber Tired Dozers	1	1.00	247	0.40
Commercial 2- Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Commercial 2- Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Commercial 2- Building Construction	Cranes	1	8.00	231	0.29
Commercial 2- Building Construction	Forklifts	2	8.00	89	0.20
Commercial 2- Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Commercial 3- Architectural coating	Air Compressors	1	8.00	78	0.48
Commercial 3- Site Preparation	Graders	1	8.00	187	0.41
Commercial 3- Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Commercial 3- Grading	Rubber Tired Dozers	1	8.00	247	0.40
Commercial 3- Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Commercial 3- Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Commercial 3- Building Construction	Cranes	1	8.00	231	0.29
Commercial 3- Building Construction	Forklifts	2	8.00	89	0.20
Commercial 3- Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Commercial 2- Architectural coating	Air Compressors	1	8.00	78	0.48

Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Site Preparation	Graders	1	8.00	187	0.41
Community Facility in MU - Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Community Facility in MU - Grading	Rubber Tired Loaders	1	8.00	203	0.36
Community Facility in MU - Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Grading	Graders	1	8.00	187	0.41
Community Facility in MU - Building Construction	Cranes	1	8.00	231	0.29
Community Facility in MU - Building Construction	Forklifts	1	8.00	89	0.20
Community Facility in MU - Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Building Construction	Welders	3	8.00	46	0.45
Community Facility in MU - Building Construction	Generator Sets	1	8.00	84	0.74
Community Facility in MU - Architectural Coatings	Air Compressors	1	8.00	78	0.48
Community Facility in MU - Landscape	Skid Steer Loaders	2	8.00	65	0.37

Senior Activity Center Site Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Swim Club Central Site Prep	Graders	1	8.00	187	0.41
Swim Club Central Site Prep	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Paving	Pavers	2	8.00	130	0.42
Community Facility in MU - Paving	Paving Equipment	2	8.00	132	0.36
Community Facility in MU - Paving	Rollers	2	8.00	80	0.38
Senior Activity Center Grading	Rubber Tired Dozers	1	8.00	247	0.40
Senior Activity Center Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Senior Activity Center Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Swim Club Central Grading	Rubber Tired Dozers	1	8.00	247	0.40
Swim Club Central Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Swim Club Central Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Senior Activity Center Building Construction	Cranes	1	8.00	231	0.29
Senior Activity Center Building Construction	Forklifts	2	8.00	89	0.20
Senior Activity Center Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Swim Club Central Building Construction	Cranes	1	8.00	231	0.29

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
Community Facility in MLL- Site Preparation		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Grading		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Building		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Architectural		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Landscape		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Site Landscaping		8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Central Site Prep		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Paving		4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Grading		6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Central Grading		6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Building Construction		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Central Building Construction		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Architectural Coating		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Architectural Coating		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Landscaping		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Central Landscaping		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Paving		8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 2- Site Preparation		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 2- Grading		6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 2- Building Construction		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 3- Architectural coating		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 3- Site Preparation		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 3- Grading		6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 3- Building Construction		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 2- Architectural coating		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Community Facility in MU - Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.7648	19.7629	8.2258	0.0183		0.8903	0.8903		0.8191	0.8191		1,770.8297	1,770.8297	0.5727		1,785.1477
Total	**1.7648**	**19.7629**	**8.2258**	**0.0183**	**6.5523**	**0.8903**	**7.4427**	**3.3675**	**0.8191**	**4.1866**		**1,770.8297**	**1,770.8297**	**0.5727**		**1,785.1477**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**2.1900**	**2.4400e-003**	**2.1924**	**0.2289**	**2.3200e-003**	**0.2312**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.5554	0.0000	2.5554	1.3133	0.0000	1.3133			0.0000			0.0000
Off-Road	1.7648	19.7629	8.2258	0.0183		0.8903	0.8903		0.8191	0.8191	0.0000	1,770.8297	1,770.8297	0.5727		1,785.1477
Total	**1.7648**	**19.7629**	**8.2258**	**0.0183**	**2.5554**	**0.8903**	**3.4457**	**1.3133**	**0.8191**	**2.1324**	**0.0000**	**1,770.8297**	**1,770.8297**	**0.5727**		**1,785.1477**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**0.9723**	**2.4400e-003**	**0.9747**	**0.1073**	**2.3200e-003**	**0.1096**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

3.3 Community Facility in MU - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.0594	12.8403	5.7296	0.0160		0.4817	0.4817		0.4432	0.4432		1,548.6471	1,548.6471	0.5009		1,561.1687
Total	**1.0594**	**12.8403**	**5.7296**	**0.0160**	**0.5303**	**0.4817**	**1.0120**	**0.0573**	**0.4432**	**0.5004**		**1,548.6471**	**1,548.6471**	**0.5009**		**1,561.1687**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**2.1900**	**2.4400e-003**	**2.1924**	**0.2289**	**2.3200e-003**	**0.2312**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	1.0594	12.8403	5.7296	0.0160		0.4817	0.4817		0.4432	0.4432	0.0000	1,548.6471	1,548.6471	0.5009		1,561.1687
Total	**1.0594**	**12.8403**	**5.7296**	**0.0160**	**0.2068**	**0.4817**	**0.6885**	**0.0223**	**0.4432**	**0.4655**	**0.0000**	**1,548.6471**	**1,548.6471**	**0.5009**		**1,561.1687**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**0.9723**	**2.4400e-003**	**0.9747**	**0.1073**	**2.3200e-003**	**0.1096**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

3.4 Community Facility in MU - Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2291	16.9494	14.5647	0.0246		0.9075	0.9075		0.8714	0.8714		2,248.9165	2,248.9165	0.4516		2,260.2070
Total	**2.2291**	**16.9494**	**14.5647**	**0.0246**		**0.9075**	**0.9075**		**0.8714**	**0.8714**		**2,248.9165**	**2,248.9165**	**0.4516**		**2,260.2070**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	7.3400e-003	4.9400e-003	0.0567	1.7000e-004	0.6519	1.2000e-004	0.6520	0.0677	1.1000e-004	0.0678		16.8549	16.8549	5.0000e-004		16.8675
Total	**0.0223**	**0.4560**	**0.1716**	**1.2700e-003**	**1.5381**	**2.3300e-003**	**1.5404**	**0.1612**	**2.2200e-003**	**0.1634**		**134.4710**	**134.4710**	**9.1800e-003**		**134.7005**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2291	16.9494	14.5647	0.0246		0.9075	0.9075		0.8714	0.8714	0.0000	2,248.9165	2,248.9165	0.4516		2,260.2070
Total	**2.2291**	**16.9494**	**14.5647**	**0.0246**		**0.9075**	**0.9075**		**0.8714**	**0.8714**	**0.0000**	**2,248.9165**	**2,248.9165**	**0.4516**		**2,260.2070**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	7.3400e-003	4.9400e-003	0.0567	1.7000e-004	0.2886	1.2000e-004	0.2887	0.0314	1.1000e-004	0.0316		16.8549	16.8549	5.0000e-004		16.8675
Total	**0.0223**	**0.4560**	**0.1716**	**1.2700e-003**	**0.6837**	**2.3300e-003**	**0.6860**	**0.0759**	**2.2200e-003**	**0.0781**		**134.4710**	**134.4710**	**9.1800e-003**		**134.7005**

3.5 Community Facility in MU - Architectural Coatings - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.3345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3229	2.2451	2.4419	3.9600e-003		0.1479	0.1479		0.1479	0.1479		375.2641	375.2641	0.0291		375.9904
Total	**1.6574**	**2.2451**	**2.4419**	**3.9600e-003**		**0.1479**	**0.1479**		**0.1479**	**0.1479**		**375.2641**	**375.2641**	**0.0291**		**375.9904**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	7.3400e-003	4.9400e-003	0.0567	1.7000e-004	0.6519	1.2000e-004	0.6520	0.0677	1.1000e-004	0.0678		16.8549	16.8549	5.0000e-004		16.8675
Total	**0.0223**	**0.4560**	**0.1716**	**1.2700e-003**	**1.5381**	**2.3300e-003**	**1.5404**	**0.1612**	**2.2200e-003**	**0.1634**		**134.4710**	**134.4710**	**9.1800e-003**		**134.7005**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3229	2.2451	2.4419	3.9600e-003		0.1479	0.1479		0.1479	0.1479	0.0000	375.2641	375.2641	0.0291		375.9904
Total	**1.6574**	**2.2451**	**2.4419**	**3.9600e-003**		**0.1479**	**0.1479**		**0.1479**	**0.1479**	**0.0000**	**375.2641**	**375.2641**	**0.0291**		**375.9904**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	7.3400e-003	4.9400e-003	0.0567	1.7000e-004	0.2886	1.2000e-004	0.2887	0.0314	1.1000e-004	0.0316		16.8549	16.8549	5.0000e-004		16.8675
Total	**0.0223**	**0.4560**	**0.1716**	**1.2700e-003**	**0.6837**	**2.3300e-003**	**0.6860**	**0.0759**	**2.2200e-003**	**0.0781**		**134.4710**	**134.4710**	**9.1800e-003**		**134.7005**

3.6 Community Facility in MU - Landscape - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1592	2.1161	2.7688	4.1200e-003		0.0916	0.0916		0.0843	0.0843		398.7145	398.7145	0.1290		401.9383
Total	**0.1592**	**2.1161**	**2.7688**	**4.1200e-003**		**0.0916**	**0.0916**		**0.0843**	**0.0843**		**398.7145**	**398.7145**	**0.1290**		**401.9383**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**2.1900**	**2.4400e-003**	**2.1924**	**0.2289**	**2.3200e-003**	**0.2312**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1592	2.1161	2.7688	4.1200e-003		0.0916	0.0916		0.0843	0.0843	0.0000	398.7145	398.7145	0.1290		401.9383
Total	**0.1592**	**2.1161**	**2.7688**	**4.1200e-003**		**0.0916**	**0.0916**		**0.0843**	**0.0843**	**0.0000**	**398.7145**	**398.7145**	**0.1290**		**401.9383**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**0.9723**	**2.4400e-003**	**0.9747**	**0.1073**	**2.3200e-003**	**0.1096**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

3.7 Senior Activity Center Site Landscaping - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1592	2.1161	2.7688	4.1200e-003		0.0916	0.0916		0.0843	0.0843		398.7145	398.7145	0.1290		401.9383
Total	**0.1592**	**2.1161**	**2.7688**	**4.1200e-003**		**0.0916**	**0.0916**		**0.0843**	**0.0843**		**398.7145**	**398.7145**	**0.1290**		**401.9383**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0294	0.0198	0.2268	6.8000e-004	2.6076	4.6000e-004	2.6081	0.2709	4.2000e-004	0.2713		67.4198	67.4198	2.0100e-003		67.4701
Total	**0.0443**	**0.4708**	**0.3417**	**1.7800e-003**	**3.4938**	**2.6700e-003**	**3.4965**	**0.3644**	**2.5300e-003**	**0.3669**		**185.0358**	**185.0358**	**0.0107**		**185.3030**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1592	2.1161	2.7688	4.1200e-003		0.0916	0.0916		0.0843	0.0843	0.0000	398.7145	398.7145	0.1290		401.9383
Total	**0.1592**	**2.1161**	**2.7688**	**4.1200e-003**		**0.0916**	**0.0916**		**0.0843**	**0.0843**	**0.0000**	**398.7145**	**398.7145**	**0.1290**		**401.9383**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0294	0.0198	0.2268	6.8000e-004	1.1545	4.6000e-004	1.1549	0.1258	4.2000e-004	0.1262		67.4198	67.4198	2.0100e-003		67.4701
Total	**0.0443**	**0.4708**	**0.3417**	**1.7800e-003**	**1.5495**	**2.6700e-003**	**1.5522**	**0.1702**	**2.5300e-003**	**0.1727**		**185.0358**	**185.0358**	**0.0107**		**185.3030**

3.8 Swim Club Central Site Prep - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085		943.4872	943.4872	0.3051		951.1158
Total	**0.6853**	**8.4307**	**4.0942**	**9.7400e-003**	**0.5303**	**0.3353**	**0.8656**	**0.0573**	**0.3085**	**0.3658**		**943.4872**	**943.4872**	**0.3051**		**951.1158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**2.1900**	**2.4400e-003**	**2.1924**	**0.2289**	**2.3200e-003**	**0.2312**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085	0.0000	943.4872	943.4872	0.3051		951.1158
Total	**0.6853**	**8.4307**	**4.0942**	**9.7400e-003**	**0.2068**	**0.3353**	**0.5421**	**0.0223**	**0.3085**	**0.3309**	**0.0000**	**943.4872**	**943.4872**	**0.3051**		**951.1158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**0.9723**	**2.4400e-003**	**0.9747**	**0.1073**	**2.3200e-003**	**0.1096**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

3.9 Community Facility in MU - Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3399	13.8931	14.4718	0.0225		0.7435	0.7435		0.6841	0.6841		2,180.6024	2,180.6024	0.7053		2,198.2336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3399**	**13.8931**	**14.4718**	**0.0225**		**0.7435**	**0.7435**		**0.6841**	**0.6841**		**2,180.6024**	**2,180.6024**	**0.7053**		**2,198.2336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0374	1.1276	0.2873	2.7400e-003	2.2154	5.5200e-003	2.2209	0.2337	5.2800e-003	0.2389		294.0401	294.0401	0.0217		294.5824
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0521**	**1.1375**	**0.4006**	**3.0800e-003**	**3.5192**	**5.7500e-003**	**3.5250**	**0.3691**	**5.4900e-003**	**0.3746**		**327.7500**	**327.7500**	**0.0227**		**328.3174**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3399	13.8931	14.4718	0.0225		0.7435	0.7435		0.6841	0.6841	0.0000	2,180.6024	2,180.6024	0.7053		2,198.2336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3399**	**13.8931**	**14.4718**	**0.0225**		**0.7435**	**0.7435**		**0.6841**	**0.6841**	**0.0000**	**2,180.6024**	**2,180.6024**	**0.7053**		**2,198.2336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0374	1.1276	0.2873	2.7400e-003	0.9876	5.5200e-003	0.9931	0.1110	5.2800e-003	0.1163		294.0401	294.0401	0.0217		294.5824
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0521**	**1.1375**	**0.4006**	**3.0800e-003**	**1.5648**	**5.7500e-003**	**1.5706**	**0.1739**	**5.4900e-003**	**0.1794**		**327.7500**	**327.7500**	**0.0227**		**328.3174**

3.10 Senior Activity Center Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.9167	18.8412	12.3776	0.0210		1.0194	1.0194		0.9537	0.9537		2,021.5442	2,021.5442	0.4997		2,034.0360
Total	**1.9167**	**18.8412**	**12.3776**	**0.0210**	**6.0221**	**1.0194**	**7.0415**	**3.3102**	**0.9537**	**4.2639**		**2,021.5442**	**2,021.5442**	**0.4997**		**2,034.0360**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0220	0.0148	0.1701	5.1000e-004	1.9557	3.5000e-004	1.9561	0.2032	3.2000e-004	0.2035		50.5648	50.5648	1.5100e-003		50.6026
Total	**0.0370**	**0.4659**	**0.2850**	**1.6100e-003**	**2.8419**	**2.5600e-003**	**2.8444**	**0.2967**	**2.4300e-003**	**0.2991**		**168.1809**	**168.1809**	**0.0102**		**168.4355**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	1.9167	18.8412	12.3776	0.0210		1.0194	1.0194		0.9537	0.9537	0.0000	2,021.5442	2,021.5442	0.4997		2,034.0360
Total	**1.9167**	**18.8412**	**12.3776**	**0.0210**	**2.3486**	**1.0194**	**3.3680**	**1.2910**	**0.9537**	**2.2447**	**0.0000**	**2,021.5442**	**2,021.5442**	**0.4997**		**2,034.0360**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0220	0.0148	0.1701	5.1000e-004	0.8659	3.5000e-004	0.8662	0.0943	3.2000e-004	0.0946		50.5648	50.5648	1.5100e-003		50.6026
Total	**0.0370**	**0.4659**	**0.2850**	**1.6100e-003**	**1.2609**	**2.5600e-003**	**1.2634**	**0.1387**	**2.4300e-003**	**0.1412**		**168.1809**	**168.1809**	**0.0102**		**168.4355**

3.11 Swim Club Central Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.9167	18.8412	12.3776	0.0210		1.0194	1.0194		0.9537	0.9537		2,021.5442	2,021.5442	0.4997		2,034.0360
Total	**1.9167**	**18.8412**	**12.3776**	**0.0210**	**6.0221**	**1.0194**	**7.0415**	**3.3102**	**0.9537**	**4.2639**		**2,021.5442**	**2,021.5442**	**0.4997**		**2,034.0360**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0220	0.0148	0.1701	5.1000e-004	1.9557	3.5000e-004	1.9561	0.2032	3.2000e-004	0.2035		50.5648	50.5648	1.5100e-003		50.6026
Total	**0.0370**	**0.4659**	**0.2850**	**1.6100e-003**	**2.8419**	**2.5600e-003**	**2.8444**	**0.2967**	**2.4300e-003**	**0.2991**		**168.1809**	**168.1809**	**0.0102**		**168.4355**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	1.9167	18.8412	12.3776	0.0210		1.0194	1.0194		0.9537	0.9537	0.0000	2,021.5442	2,021.5442	0.4997		2,034.0360
Total	**1.9167**	**18.8412**	**12.3776**	**0.0210**	**2.3486**	**1.0194**	**3.3680**	**1.2910**	**0.9537**	**2.2447**	**0.0000**	**2,021.5442**	**2,021.5442**	**0.4997**		**2,034.0360**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0220	0.0148	0.1701	5.1000e-004	0.8659	3.5000e-004	0.8662	0.0943	3.2000e-004	0.0946		50.5648	50.5648	1.5100e-003		50.6026
Total	**0.0370**	**0.4659**	**0.2850**	**1.6100e-003**	**1.2609**	**2.5600e-003**	**1.2634**	**0.1387**	**2.4300e-003**	**0.1412**		**168.1809**	**168.1809**	**0.0102**		**168.4355**

3.12 Senior Activity Center Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1572	12.1574	9.0148	0.0150		0.6803	0.6803		0.6259	0.6259		1,451.7689	1,451.7689	0.4695		1,463.5072
Total	**1.1572**	**12.1574**	**9.0148**	**0.0150**		**0.6803**	**0.6803**		**0.6259**	**0.6259**		**1,451.7689**	**1,451.7689**	**0.4695**		**1,463.5072**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**2.1900**	**2.4400e-003**	**2.1924**	**0.2289**	**2.3200e-003**	**0.2312**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1572	12.1574	9.0148	0.0150		0.6803	0.6803		0.6259	0.6259	0.0000	1,451.7689	1,451.7689	0.4695		1,463.5072
Total	**1.1572**	**12.1574**	**9.0148**	**0.0150**		**0.6803**	**0.6803**		**0.6259**	**0.6259**	**0.0000**	**1,451.7689**	**1,451.7689**	**0.4695**		**1,463.5072**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**0.9723**	**2.4400e-003**	**0.9747**	**0.1073**	**2.3200e-003**	**0.1096**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

3.12 Senior Activity Center Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0432	10.9639	8.8194	0.0150		0.5865	0.5865		0.5396	0.5396		1,451.9805	1,451.9805	0.4696		1,463.7205
Total	**1.0432**	**10.9639**	**8.8194**	**0.0150**		**0.5865**	**0.5865**		**0.5396**	**0.5396**		**1,451.9805**	**1,451.9805**	**0.4696**		**1,463.7205**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**2.1900**	**1.0900e-003**	**2.1911**	**0.2289**	**1.0300e-003**	**0.2300**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0432	10.9639	8.8194	0.0150		0.5865	0.5865		0.5396	0.5396	0.0000	1,451.9805	1,451.9805	0.4696		1,463.7204
Total	**1.0432**	**10.9639**	**8.8194**	**0.0150**		**0.5865**	**0.5865**		**0.5396**	**0.5396**	**0.0000**	**1,451.9805**	**1,451.9805**	**0.4696**		**1,463.7204**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**0.9723**	**1.0900e-003**	**0.9734**	**0.1073**	**1.0300e-003**	**0.1083**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

3.13 Swim Club Central Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1572	12.1574	9.0148	0.0150		0.6803	0.6803		0.6259	0.6259		1,451.7689	1,451.7689	0.4695		1,463.5072
Total	**1.1572**	**12.1574**	**9.0148**	**0.0150**		**0.6803**	**0.6803**		**0.6259**	**0.6259**		**1,451.7689**	**1,451.7689**	**0.4695**		**1,463.5072**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	7.3400e-003	4.9400e-003	0.0567	1.7000e-004	0.6519	1.2000e-004	0.6520	0.0677	1.1000e-004	0.0678		16.8549	16.8549	5.0000e-004		16.8675
Total	**0.0223**	**0.4560**	**0.1716**	**1.2700e-003**	**1.5381**	**2.3300e-003**	**1.5404**	**0.1612**	**2.2200e-003**	**0.1634**		**134.4710**	**134.4710**	**9.1800e-003**		**134.7005**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1572	12.1574	9.0148	0.0150		0.6803	0.6803		0.6259	0.6259	0.0000	1,451.7689	1,451.7689	0.4695		1,463.5072
Total	**1.1572**	**12.1574**	**9.0148**	**0.0150**		**0.6803**	**0.6803**		**0.6259**	**0.6259**	**0.0000**	**1,451.7689**	**1,451.7689**	**0.4695**		**1,463.5072**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	7.3400e-003	4.9400e-003	0.0567	1.7000e-004	0.2886	1.2000e-004	0.2887	0.0314	1.1000e-004	0.0316		16.8549	16.8549	5.0000e-004		16.8675
Total	**0.0223**	**0.4560**	**0.1716**	**1.2700e-003**	**0.6837**	**2.3300e-003**	**0.6860**	**0.0759**	**2.2200e-003**	**0.0781**		**134.4710**	**134.4710**	**9.1800e-003**		**134.7005**

3.13 Swim Club Central Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0432	10.9639	8.8194	0.0150		0.5865	0.5865		0.5396	0.5396		1,451.9805	1,451.9805	0.4696		1,463.7205
Total	**1.0432**	**10.9639**	**8.8194**	**0.0150**		**0.5865**	**0.5865**		**0.5396**	**0.5396**		**1,451.9805**	**1,451.9805**	**0.4696**		**1,463.7205**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	6.9200e-003	4.4900e-003	0.0531	1.6000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		16.2888	16.2888	4.6000e-004		16.3004
Total	**0.0190**	**0.4118**	**0.1569**	**1.2400e-003**	**1.5381**	**9.7000e-004**	**1.5390**	**0.1612**	**9.2000e-004**	**0.1621**		**132.8296**	**132.8296**	**8.7900e-003**		**133.0494**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0432	10.9639	8.8194	0.0150		0.5865	0.5865		0.5396	0.5396	0.0000	1,451.9805	1,451.9805	0.4696		1,463.7204
Total	**1.0432**	**10.9639**	**8.8194**	**0.0150**		**0.5865**	**0.5865**		**0.5396**	**0.5396**	**0.0000**	**1,451.9805**	**1,451.9805**	**0.4696**		**1,463.7204**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	6.9200e-003	4.4900e-003	0.0531	1.6000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		16.2888	16.2888	4.6000e-004		16.3004
Total	**0.0190**	**0.4118**	**0.1569**	**1.2400e-003**	**0.6837**	**9.7000e-004**	**0.6846**	**0.0759**	**9.2000e-004**	**0.0768**		**132.8296**	**132.8296**	**8.7900e-003**		**133.0494**

3.14 Senior Activity Center Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.1949					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2919	2.0358	2.4234	3.9600e-003		0.1255	0.1255		0.1255	0.1255		375.2641	375.2641	0.0258		375.9079
Total	**2.4868**	**2.0358**	**2.4234**	**3.9600e-003**		**0.1255**	**0.1255**		**0.1255**	**0.1255**		**375.2641**	**375.2641**	**0.0258**		**375.9079**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	6.9200e-003	4.4900e-003	0.0531	1.6000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		16.2888	16.2888	4.6000e-004		16.3004
Total	**0.0190**	**0.4118**	**0.1569**	**1.2400e-003**	**1.5381**	**9.7000e-004**	**1.5390**	**0.1612**	**9.2000e-004**	**0.1621**		**132.8296**	**132.8296**	**8.7900e-003**		**133.0494**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.1949					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2919	2.0358	2.4234	3.9600e-003		0.1255	0.1255		0.1255	0.1255	0.0000	375.2641	375.2641	0.0258		375.9079
Total	**2.4868**	**2.0358**	**2.4234**	**3.9600e-003**		**0.1255**	**0.1255**		**0.1255**	**0.1255**	**0.0000**	**375.2641**	**375.2641**	**0.0258**		**375.9079**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	6.9200e-003	4.4900e-003	0.0531	1.6000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		16.2888	16.2888	4.6000e-004		16.3004
Total	**0.0190**	**0.4118**	**0.1569**	**1.2400e-003**	**0.6837**	**9.7000e-004**	**0.6846**	**0.0759**	**9.2000e-004**	**0.0768**		**132.8296**	**132.8296**	**8.7900e-003**		**133.0494**

3.15 Swim Club Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.4345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2919	2.0358	2.4234	3.9600e-003		0.1255	0.1255		0.1255	0.1255		375.2641	375.2641	0.0258		375.9079
Total	**0.7264**	**2.0358**	**2.4234**	**3.9600e-003**		**0.1255**	**0.1255**		**0.1255**	**0.1255**		**375.2641**	**375.2641**	**0.0258**		**375.9079**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	6.9200e-003	4.4900e-003	0.0531	1.6000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		16.2888	16.2888	4.6000e-004		16.3004
Total	**0.0190**	**0.4118**	**0.1569**	**1.2400e-003**	**1.5381**	**9.7000e-004**	**1.5390**	**0.1612**	**9.2000e-004**	**0.1621**		**132.8296**	**132.8296**	**8.7900e-003**		**133.0494**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4345					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2919	2.0358	2.4234	3.9600e-003		0.1255	0.1255		0.1255	0.1255	0.0000	375.2641	375.2641	0.0258		375.9079
Total	**0.7264**	**2.0358**	**2.4234**	**3.9600e-003**		**0.1255**	**0.1255**		**0.1255**	**0.1255**	**0.0000**	**375.2641**	**375.2641**	**0.0258**		**375.9079**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	6.9200e-003	4.4900e-003	0.0531	1.6000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		16.2888	16.2888	4.6000e-004		16.3004
Total	**0.0190**	**0.4118**	**0.1569**	**1.2400e-003**	**0.6837**	**9.7000e-004**	**0.6846**	**0.0759**	**9.2000e-004**	**0.0768**		**132.8296**	**132.8296**	**8.7900e-003**		**133.0494**

3.16 Senior Activity Center Landscaping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1504	1.9989	2.7686	4.1200e-003		0.0813	0.0813		0.0748	0.0748		398.7735	398.7735	0.1290		401.9978
Total	**0.1504**	**1.9989**	**2.7686**	**4.1200e-003**		**0.0813**	**0.0813**		**0.0748**	**0.0748**		**398.7735**	**398.7735**	**0.1290**		**401.9978**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**2.1900**	**1.0900e-003**	**2.1911**	**0.2289**	**1.0300e-003**	**0.2300**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1504	1.9989	2.7686	4.1200e-003		0.0813	0.0813		0.0748	0.0748	0.0000	398.7735	398.7735	0.1290		401.9978
Total	**0.1504**	**1.9989**	**2.7686**	**4.1200e-003**		**0.0813**	**0.0813**		**0.0748**	**0.0748**	**0.0000**	**398.7735**	**398.7735**	**0.1290**		**401.9978**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**0.9723**	**1.0900e-003**	**0.9734**	**0.1073**	**1.0300e-003**	**0.1083**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

3.17 Swim Club Central Landscaping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1504	1.9989	2.7686	4.1200e-003		0.0813	0.0813		0.0748	0.0748		398.7735	398.7735	0.1290		401.9978
Total	**0.1504**	**1.9989**	**2.7686**	**4.1200e-003**		**0.0813**	**0.0813**		**0.0748**	**0.0748**		**398.7735**	**398.7735**	**0.1290**		**401.9978**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**2.1900**	**1.0900e-003**	**2.1911**	**0.2289**	**1.0300e-003**	**0.2300**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1504	1.9989	2.7686	4.1200e-003		0.0813	0.0813		0.0748	0.0748	0.0000	398.7735	398.7735	0.1290		401.9978
Total	**0.1504**	**1.9989**	**2.7686**	**4.1200e-003**		**0.0813**	**0.0813**		**0.0748**	**0.0748**	**0.0000**	**398.7735**	**398.7735**	**0.1290**		**401.9978**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**0.9723**	**1.0900e-003**	**0.9734**	**0.1073**	**1.0300e-003**	**0.1083**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

3.18 Senior Activity Center Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2402	12.7608	14.4729	0.0225		0.6694	0.6694		0.6158	0.6158		2,180.0858	2,180.0858	0.7051		2,197.7129
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.2402**	**12.7608**	**14.4729**	**0.0225**		**0.6694**	**0.6694**		**0.6158**	**0.6158**		**2,180.0858**	**2,180.0858**	**0.7051**		**2,197.7129**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0302	1.0183	0.2595	2.7100e-003	2.2154	2.1400e-003	2.2175	0.2337	2.0500e-003	0.2357		291.3520	291.3520	0.0208		291.8724
Worker	0.0277	0.0180	0.2122	6.5000e-004	2.6076	4.5000e-004	2.6081	0.2709	4.2000e-004	0.2713		65.1553	65.1553	1.8600e-003		65.2018
Total	**0.0579**	**1.0363**	**0.4717**	**3.3600e-003**	**4.8230**	**2.5900e-003**	**4.8256**	**0.5046**	**2.4700e-003**	**0.5070**		**356.5072**	**356.5072**	**0.0227**		**357.0742**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2402	12.7608	14.4729	0.0225		0.6694	0.6694		0.6158	0.6158	0.0000	2,180.0858	2,180.0858	0.7051		2,197.7129
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.2402**	**12.7608**	**14.4729**	**0.0225**		**0.6694**	**0.6694**		**0.6158**	**0.6158**	**0.0000**	**2,180.0858**	**2,180.0858**	**0.7051**		**2,197.7129**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0302	1.0183	0.2595	2.7100e-003	0.9876	2.1400e-003	0.9897	0.1110	2.0500e-003	0.1131		291.3520	291.3520	0.0208		291.8724
Worker	0.0277	0.0180	0.2122	6.5000e-004	1.1545	4.5000e-004	1.1549	0.1258	4.2000e-004	0.1262		65.1553	65.1553	1.8600e-003		65.2018
Total	**0.0579**	**1.0363**	**0.4717**	**3.3600e-003**	**2.1421**	**2.5900e-003**	**2.1447**	**0.2368**	**2.4700e-003**	**0.2392**		**356.5072**	**356.5072**	**0.0227**		**357.0742**

3.19 Commercial 2- Site Preparation - 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					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.5348	6.1887	3.9239	9.7300e-003		0.2266	0.2266		0.2084	0.2084		942.4317	942.4317	0.3048		950.0517
Total	**0.5348**	**6.1887**	**3.9239**	**9.7300e-003**	**0.5303**	**0.2266**	**0.7568**	**0.0573**	**0.2084**	**0.2657**		**942.4317**	**942.4317**	**0.3048**		**950.0517**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**2.1900**	**5.8000e-004**	**2.1906**	**0.2289**	**5.4000e-004**	**0.2295**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.5348	6.1887	3.9239	9.7300e-003		0.2266	0.2266		0.2084	0.2084	0.0000	942.4317	942.4317	0.3048		950.0517
Total	**0.5348**	**6.1887**	**3.9239**	**9.7300e-003**	**0.2068**	**0.2266**	**0.4334**	**0.0223**	**0.2084**	**0.2308**	**0.0000**	**942.4317**	**942.4317**	**0.3048**		**950.0517**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**0.9723**	**5.8000e-004**	**0.9728**	**0.1073**	**5.4000e-004**	**0.1078**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

3.20 Commercial 2- 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					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.6463	5.7787	7.3926	0.0120		0.2821	0.2821		0.2698	0.2698		1,148.4055	1,148.4055	0.2089		1,153.6290
Total	**0.6463**	**5.7787**	**7.3926**	**0.0120**	**0.7528**	**0.2821**	**1.0349**	**0.4138**	**0.2698**	**0.6836**		**1,148.4055**	**1,148.4055**	**0.2089**		**1,153.6290**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.4000e-004**	**0.2973**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2936	0.0000	0.2936	0.1614	0.0000	0.1614			0.0000			0.0000
Off-Road	0.6463	5.7787	7.3926	0.0120		0.2821	0.2821		0.2698	0.2698	0.0000	1,148.4055	1,148.4055	0.2089		1,153.6290
Total	**0.6463**	**5.7787**	**7.3926**	**0.0120**	**0.2936**	**0.2821**	**0.5757**	**0.1614**	**0.2698**	**0.4312**	**0.0000**	**1,148.4055**	**1,148.4055**	**0.2089**		**1,153.6290**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**1.2609**	**6.9000e-004**	**1.2616**	**0.1387**	**6.4000e-004**	**0.1394**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.21 Commercial 2- 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	0.8567	8.7784	8.5680	0.0150		0.4285	0.4285		0.3942	0.3942		1,453.4078	1,453.4078	0.4701		1,465.1593
Total	**0.8567**	**8.7784**	**8.5680**	**0.0150**		**0.4285**	**0.4285**		**0.3942**	**0.3942**		**1,453.4078**	**1,453.4078**	**0.4701**		**1,465.1593**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.0913	15.0913	3.9000e-004		15.1011
Total	**0.0149**	**0.3068**	**0.1359**	**1.1900e-003**	**1.5381**	**4.7000e-004**	**1.5385**	**0.1612**	**4.4000e-004**	**0.1616**		**127.6182**	**127.6182**	**7.7800e-003**		**127.8127**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8567	8.7784	8.5680	0.0150		0.4285	0.4285		0.3942	0.3942	0.0000	1,453.4078	1,453.4078	0.4701		1,465.1593
Total	**0.8567**	**8.7784**	**8.5680**	**0.0150**		**0.4285**	**0.4285**		**0.3942**	**0.3942**	**0.0000**	**1,453.4078**	**1,453.4078**	**0.4701**		**1,465.1593**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.0913	15.0913	3.9000e-004		15.1011
Total	**0.0149**	**0.3068**	**0.1359**	**1.1900e-003**	**0.6837**	**4.7000e-004**	**0.6841**	**0.0759**	**4.4000e-004**	**0.0763**		**127.6182**	**127.6182**	**7.7800e-003**		**127.8127**

3.22 Commercial 3- 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	1.3865					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	**1.6421**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**		**375.2641**	**375.2641**	**0.0225**		**375.8253**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.0913	15.0913	3.9000e-004		15.1011
Total	**0.0149**	**0.3068**	**0.1359**	**1.1900e-003**	**1.5381**	**4.7000e-004**	**1.5385**	**0.1612**	**4.4000e-004**	**0.1616**		**127.6182**	**127.6182**	**7.7800e-003**		**127.8127**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.3865					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253
Total	**1.6421**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**	**0.0000**	**375.2641**	**375.2641**	**0.0225**		**375.8253**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.0913	15.0913	3.9000e-004		15.1011
Total	**0.0149**	**0.3068**	**0.1359**	**1.1900e-003**	**0.6837**	**4.7000e-004**	**0.6841**	**0.0759**	**4.4000e-004**	**0.0763**		**127.6182**	**127.6182**	**7.7800e-003**		**127.8127**

3.23 Commercial 3- Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.4985	5.6040	3.8921	9.7300e-003		0.2012	0.2012		0.1851	0.1851		942.2742	942.2742	0.3048		949.8930
Total	**0.4985**	**5.6040**	**3.8921**	**9.7300e-003**	**0.5303**	**0.2012**	**0.7315**	**0.0573**	**0.1851**	**0.2424**		**942.2742**	**942.2742**	**0.3048**		**949.8930**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	**0.0201**	**0.3057**	**0.1729**	**1.3200e-003**	**2.1900**	**5.6000e-004**	**2.1905**	**0.2289**	**5.3000e-004**	**0.2295**		**140.7965**	**140.7965**	**8.0300e-003**		**140.9971**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.4985	5.6040	3.8921	9.7300e-003		0.2012	0.2012		0.1851	0.1851	0.0000	942.2742	942.2742	0.3048		949.8930
Total	**0.4985**	**5.6040**	**3.8921**	**9.7300e-003**	**0.2068**	**0.2012**	**0.4080**	**0.0223**	**0.1851**	**0.2075**	**0.0000**	**942.2742**	**942.2742**	**0.3048**		**949.8930**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.9935	28.9935	7.2000e-004		29.0114
Total	**0.0201**	**0.3057**	**0.1729**	**1.3200e-003**	**0.9723**	**5.6000e-004**	**0.9728**	**0.1073**	**5.3000e-004**	**0.1078**		**140.7965**	**140.7965**	**8.0300e-003**		**140.9971**

3.24 Commercial 3- Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.2958	12.4384	11.2523	0.0210		0.5646	0.5646		0.5283	0.5283		2,023.1791	2,023.1791	0.4908		2,035.4495
Total	**1.2958**	**12.4384**	**11.2523**	**0.0210**	**6.0221**	**0.5646**	**6.5867**	**3.3102**	**0.5283**	**3.8385**		**2,023.1791**	**2,023.1791**	**0.4908**		**2,035.4495**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.8419**	**6.7000e-004**	**2.8426**	**0.2967**	**6.3000e-004**	**0.2973**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	1.2958	12.4384	11.2523	0.0210		0.5646	0.5646		0.5283	0.5283	0.0000	2,023.1791	2,023.1791	0.4908		2,035.4495
Total	**1.2958**	**12.4384**	**11.2523**	**0.0210**	**2.3486**	**0.5646**	**2.9133**	**1.2910**	**0.5283**	**1.8193**	**0.0000**	**2,023.1791**	**2,023.1791**	**0.4908**		**2,035.4495**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	0.8659	3.2000e-004	0.8662	0.0943	3.0000e-004	0.0946		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**1.2609**	**6.7000e-004**	**1.2616**	**0.1387**	**6.3000e-004**	**0.1394**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

3.25 Commercial 3- Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8056	8.1420	8.5062	0.0150		0.3798	0.3798		0.3494	0.3494		1,453.7749	1,453.7749	0.4702		1,465.5294
Total	**0.8056**	**8.1420**	**8.5062**	**0.0150**		**0.3798**	**0.3798**		**0.3494**	**0.3494**		**1,453.7749**	**1,453.7749**	**0.4702**		**1,465.5294**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.4967	14.4967	3.6000e-004		14.5057
Total	**0.0143**	**0.3022**	**0.1301**	**1.1800e-003**	**1.5381**	**4.6000e-004**	**1.5385**	**0.1612**	**4.3000e-004**	**0.1616**		**126.2998**	**126.2998**	**7.6700e-003**		**126.4914**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8056	8.1420	8.5062	0.0150		0.3798	0.3798		0.3494	0.3494	0.0000	1,453.7749	1,453.7749	0.4702		1,465.5294
Total	**0.8056**	**8.1420**	**8.5062**	**0.0150**		**0.3798**	**0.3798**		**0.3494**	**0.3494**	**0.0000**	**1,453.7749**	**1,453.7749**	**0.4702**		**1,465.5294**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.4967	14.4967	3.6000e-004		14.5057
Total	**0.0143**	**0.3022**	**0.1301**	**1.1800e-003**	**0.6837**	**4.6000e-004**	**0.6841**	**0.0759**	**4.3000e-004**	**0.0763**		**126.2998**	**126.2998**	**7.6700e-003**		**126.4914**

3.26 Commercial 2- 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	1.2660					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2410	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812		375.2641	375.2641	0.0211		375.7923
Total	**1.5070**	**1.6251**	**2.4135**	**3.9600e-003**		**0.0812**	**0.0812**		**0.0812**	**0.0812**		**375.2641**	**375.2641**	**0.0211**		**375.7923**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.4967	14.4967	3.6000e-004		14.5057
Total	**0.0143**	**0.3022**	**0.1301**	**1.1800e-003**	**1.5381**	**4.6000e-004**	**1.5385**	**0.1612**	**4.3000e-004**	**0.1616**		**126.2998**	**126.2998**	**7.6700e-003**		**126.4914**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2660					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2410	1.6251	2.4135	3.9600e-003		0.0812	0.0812		0.0812	0.0812	0.0000	375.2641	375.2641	0.0211		375.7923
Total	**1.5070**	**1.6251**	**2.4135**	**3.9600e-003**		**0.0812**	**0.0812**		**0.0812**	**0.0812**	**0.0000**	**375.2641**	**375.2641**	**0.0211**		**375.7923**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.4967	14.4967	3.6000e-004		14.5057
Total	**0.0143**	**0.3022**	**0.1301**	**1.1800e-003**	**0.6837**	**4.6000e-004**	**0.6841**	**0.0759**	**4.3000e-004**	**0.0763**		**126.2998**	**126.2998**	**7.6700e-003**		**126.4914**

CalEEMod Version: CalEEMod.2016.3.1

Date: 8/22/2017 2:25 PM

Central Village Non-Residential -LEA 2

San Diego County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Commercial 2- Architectural coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 2- Building Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 2- Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 2- Site Preparation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 3- Architectural coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 3- Building Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 3- Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 3- Site Preparation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Architectural Coatings	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Building Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Landscape	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Paving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Site Preparation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Building Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Paving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Site Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club Central Building Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club Central Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club Central Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club Central Site Prep	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	No Change	0	6	No Change	0.00
Cement and Mortar Mixers	Diesel	No Change	0	4	No Change	0.00
Concrete/Industrial Saws	Diesel	No Change	0	6	No Change	0.00
Cranes	Diesel	No Change	0	6	No Change	0.00
Forklifts	Diesel	No Change	0	11	No Change	0.00
Graders	Diesel	No Change	0	6	No Change	0.00
Pavers	Diesel	No Change	0	5	No Change	0.00
Rollers	Diesel	No Change	0	5	No Change	0.00
Rubber Tired Dozers	Diesel	No Change	0	7	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	No Change	0	30	No Change	0.00
Generator Sets	Diesel	No Change	0	1	No Change	0.00
Rubber Tired Loaders	Diesel	No Change	0	1	No Change	0.00
Welders	Diesel	No Change	0	3	No Change	0.00
Paving Equipment	Diesel	No Change	0	4	No Change	0.00
Skid Steer Loaders	Diesel	No Change	0	8	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	1.66100E-002	1.14430E-001	1.44190E-001	2.40000E-004	6.76000E-003	6.76000E-003	0.00000E+000	2.02558E+001	2.02558E+001	1.33000E-003	0.00000E+000	2.02892E+001
Concrete/Industrial Saws	2.29000E-003	1.78000E-002	2.38100E-002	4.00000E-005	9.30000E-004	9.30000E-004	0.00000E+000	3.49477E+000	3.49477E+000	1.80000E-004	0.00000E+000	3.49939E+000
Cranes	9.52500E-002	1.07975E+000	4.73750E-001	1.42000E-003	4.45300E-002	4.09700E-002	0.00000E+000	1.24642E+002	1.24642E+002	4.03100E-002	0.00000E+000	1.25650E+002
Forklifts	5.24700E-002	4.83270E-001	5.26890E-001	7.00000E-004	3.21400E-002	2.95700E-002	0.00000E+000	6.12056E+001	6.12056E+001	1.98000E-002	0.00000E+000	6.17005E+001
Generator Sets	1.65600E-002	1.44360E-001	1.53780E-001	2.70000E-004	8.14000E-003	8.14000E-003	0.00000E+000	2.34561E+001	2.34561E+001	1.32000E-003	0.00000E+000	2.34891E+001
Graders	2.10000E-003	2.67000E-002	8.71000E-003	3.00000E-005	8.60000E-004	7.90000E-004	0.00000E+000	2.91062E+000	2.91062E+000	9.40000E-004	0.00000E+000	2.93416E+000
Pavers	1.10900E-002	1.17830E-001	1.26260E-001	2.00000E-004	5.71000E-003	5.26000E-003	0.00000E+000	1.79697E+001	1.79697E+001	5.81000E-003	0.00000E+000	1.81150E+001
Paving Equipment	8.68000E-003	8.87700E-002	1.10140E-001	1.80000E-004	4.41000E-003	4.06000E-003	0.00000E+000	1.55323E+001	1.55323E+001	5.02000E-003	0.00000E+000	1.56579E+001
Rollers	8.66000E-003	8.71600E-002	8.19900E-002	1.10000E-004	5.45000E-003	5.02000E-003	0.00000E+000	1.00137E+001	1.00137E+001	3.24000E-003	0.00000E+000	1.00946E+001
Rubber Tired Dozers	5.15000E-003	5.36000E-002	2.10000E-002	5.00000E-005	2.55000E-003	2.34000E-003	0.00000E+000	4.31478E+000	4.31478E+000	1.40000E-003	0.00000E+000	4.34967E+000
Rubber Tired Loaders	1.90000E-004	2.20000E-003	8.20000E-004	0.00000E+000	7.00000E-005	7.00000E-005	0.00000E+000	2.74500E-001	2.74500E-001	9.00000E-005	0.00000E+000	2.76720E-001
Skid Steer Loaders	5.30000E-003	7.04300E-002	9.55200E-002	1.40000E-004	2.93000E-003	2.70000E-003	0.00000E+000	1.24801E+001	1.24801E+001	4.04000E-003	0.00000E+000	1.25810E+001
Tractors/Loaders/Backhoes	7.95400E-002	8.03220E-001	1.05411E+000	1.46000E-003	4.38300E-002	4.03200E-002	0.00000E+000	1.28100E+002	1.28100E+002	4.14300E-002	0.00000E+000	1.29136E+002
Welders	4.25900E-002	1.95630E-001	2.19990E-001	3.20000E-004	1.08200E-002	1.08200E-002	0.00000E+000	2.34335E+001	2.34335E+001	3.46000E-003	0.00000E+000	2.35201E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	1.66100E-002	1.14430E-001	1.44190E-001	2.40000E-004	6.76000E-003	6.76000E-003	0.00000E+000	2.02558E+001	2.02558E+001	1.33000E-003	0.00000E+000	2.02891E+001
Concrete/Industrial Saws	2.29000E-003	1.78000E-002	2.38100E-002	4.00000E-005	9.30000E-004	9.30000E-004	0.00000E+000	3.49476E+000	3.49476E+000	1.80000E-004	0.00000E+000	3.49939E+000
Cranes	9.52500E-002	1.07975E+000	4.73750E-001	1.42000E-003	4.45300E-002	4.09700E-002	0.00000E+000	1.24642E+002	1.24642E+002	4.03100E-002	0.00000E+000	1.25649E+002
Forklifts	5.24700E-002	4.83270E-001	5.26890E-001	7.00000E-004	3.21400E-002	2.95700E-002	0.00000E+000	6.12055E+001	6.12055E+001	1.98000E-002	0.00000E+000	6.17004E+001
Generator Sets	1.65600E-002	1.44360E-001	1.53780E-001	2.70000E-004	8.14000E-003	8.14000E-003	0.00000E+000	2.34561E+001	2.34561E+001	1.32000E-003	0.00000E+000	2.34891E+001
Graders	2.10000E-003	2.67000E-002	8.71000E-003	3.00000E-005	8.60000E-004	7.90000E-004	0.00000E+000	2.91062E+000	2.91062E+000	9.40000E-004	0.00000E+000	2.93415E+000
Pavers	1.10900E-002	1.17830E-001	1.26260E-001	2.00000E-004	5.71000E-003	5.26000E-003	0.00000E+000	1.79697E+001	1.79697E+001	5.81000E-003	0.00000E+000	1.81150E+001
Paving Equipment	8.68000E-003	8.87700E-002	1.10140E-001	1.80000E-004	4.41000E-003	4.06000E-003	0.00000E+000	1.55323E+001	1.55323E+001	5.02000E-003	0.00000E+000	1.56579E+001
Rollers	8.66000E-003	8.71600E-002	8.19900E-002	1.10000E-004	5.45000E-003	5.02000E-003	0.00000E+000	1.00137E+001	1.00137E+001	3.24000E-003	0.00000E+000	1.00946E+001
Rubber Tired Dozers	5.15000E-003	5.36000E-002	2.10000E-002	5.00000E-005	2.55000E-003	2.34000E-003	0.00000E+000	4.31477E+000	4.31477E+000	1.40000E-003	0.00000E+000	4.34966E+000
Rubber Tired Loaders	1.90000E-004	2.20000E-003	8.20000E-004	0.00000E+000	7.00000E-005	7.00000E-005	0.00000E+000	2.74500E-001	2.74500E-001	9.00000E-005	0.00000E+000	2.76720E-001
Skid Steer Loaders	5.30000E-003	7.04300E-002	9.55200E-002	1.40000E-004	2.93000E-003	2.70000E-003	0.00000E+000	1.24801E+001	1.24801E+001	4.04000E-003	0.00000E+000	1.25810E+001
Tractors/Loaders/Backhoes	7.95400E-002	8.03220E-001	1.05411E+000	1.46000E-003	4.38300E-002	4.03200E-002	0.00000E+000	1.28100E+002	1.28100E+002	4.14300E-002	0.00000E+000	1.29136E+002
Welders	4.25900E-002	1.95630E-001	2.19990E-001	3.20000E-004	1.08200E-002	1.08200E-002	0.00000E+000	2.34334E+001	2.34334E+001	3.46000E-003	0.00000E+000	2.35200E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	9.87371E-007	9.87371E-007	0.00000E+000	0.00000E+000	9.85749E-007
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	2.86142E-006	2.86142E-006	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.20345E-006	1.20345E-006	0.00000E+000	0.00000E+000	1.19380E-006
Forklifts	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.14369E-006	1.14369E-006	0.00000E+000	0.00000E+000	1.13451E-006
Generator Sets	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.27898E-006	1.27898E-006	0.00000E+000	0.00000E+000	1.27719E-006
Graders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	3.40813E-006
Pavers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.11299E-006	1.11299E-006	0.00000E+000	0.00000E+000	1.10406E-006
Paving Equipment	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.28764E-006	1.28764E-006	0.00000E+000	0.00000E+000	6.38655E-007
Rollers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	9.98635E-007	9.98635E-007	0.00000E+000	0.00000E+000	1.98125E-006
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	2.31762E-006	2.31762E-006	0.00000E+000	0.00000E+000	2.29902E-006
Rubber Tired Loaders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Skid Steer Loaders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	8.01276E-007	8.01276E-007	0.00000E+000	0.00000E+000	7.94849E-007
Tractors/Loaders/Backhoes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.17096E-006	1.17096E-006	0.00000E+000	0.00000E+000	1.16157E-006
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.28022E-006	1.28022E-006	0.00000E+000	0.00000E+000	1.27551E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	30.00	PM2.5 Reduction	30.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
No	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph)	15.00		
Yes	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Commercial 2- Architectural coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 2- Architectural coating	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Commercial 2- Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 2- Building Construction	Roads	0.09	0.01	0.04	0.00	0.55	0.52
Commercial 2- Grading	Fugitive Dust	0.00	0.00	0.00	0.00	0.61	0.61
Commercial 2- Grading	Roads	0.01	0.00	0.00	0.00	0.55	0.53
Commercial 2- Site Preparation	Fugitive Dust	0.00	0.00	0.00	0.00	0.60	0.67
Commercial 2- Site Preparation	Roads	0.00	0.00	0.00	0.00	0.55	0.50
Commercial 3- Architectural coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 3- Architectural coating	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Commercial 3- Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 3- Building Construction	Roads	0.08	0.01	0.04	0.00	0.55	0.52
Commercial 3- Grading	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Commercial 3- Grading	Roads	0.01	0.00	0.00	0.00	0.55	0.54
Commercial 3- Site Preparation	Fugitive Dust	0.00	0.00	0.00	0.00	0.61	0.67
Commercial 3- Site Preparation	Roads	0.00	0.00	0.00	0.00	0.55	0.52
Community Facility in MU - Architectural Coatings	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Architectural Coatings	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Community Facility in MU - Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Building Construction	Roads	0.06	0.01	0.03	0.00	0.55	0.53
Community Facility in MU - Grading	Fugitive Dust	0.00	0.00	0.00	0.00	0.63	0.67
Community Facility in MU - Grading	Roads	0.00	0.00	0.00	0.00	0.55	0.50
Community Facility in MU - Landscape	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Landscape	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Community Facility in MU - Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Paving	Roads	0.04	0.00	0.02	0.00	0.55	0.52
Community Facility in MU - Site Preparation	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Community Facility in MU - Site Preparation	Roads	0.00	0.00	0.00	0.00	0.55	0.50
Senior Activity Center Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Architectural Coating	Roads	0.01	0.00	0.01	0.00	0.55	0.53
Senior Activity Center Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00

Senior Activity Center Building Construction	Roads	0.08	0.01	0.04	0.00	0.55	0.53
Senior Activity Center Grading	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Senior Activity Center Grading	Roads	0.00	0.00	0.00	0.00	0.56	0.50
Senior Activity Center Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Landscaping	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Senior Activity Center Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Paving	Roads	0.05	0.00	0.02	0.00	0.55	0.53
Senior Activity Center Site Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Site Landscaping	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Swim Club Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club Architectural Coating	Roads	0.01	0.00	0.01	0.00	0.55	0.53
Swim Club Central Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club Central Building Construction	Roads	0.06	0.01	0.03	0.00	0.55	0.53
Swim Club Central Grading	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Swim Club Central Grading	Roads	0.00	0.00	0.00	0.00	0.56	0.50
Swim Club Central Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club Central Landscaping	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Swim Club Central Site Prep	Fugitive Dust	0.00	0.00	0.00	0.00	0.60	0.67
Swim Club Central Site Prep	Roads	0.00	0.00	0.00	0.00	0.55	0.50

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	-0.01	0.13		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			

No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	250.00
No	Use Low VOC Paint (Residential Exterior)	250.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services	
Percent Reduction in Waste Disposed	

CalEEMod Input Matrix
Project Characteristics

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	Central Village Non-Residential -LEA 2	--	Project Description
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	1-Jul-20	Central Village Schedule	Proctor Valley EIR Assumptions
Operational Year	--	Central Village Schedule	Proctor Valley EIR Assumptions

Table 2: Utility Information			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Select Utility Company	San Diego Gas and Electric	project location	CEC, 2014
CO2 Intensity Factor (lb./Mwh)	--		
CH4 Intensity Factor (lb./Mwh)	default		
N20 Intensity Factor (lb./Mwh)	default		

CalEEMod Input Matrix
Project Characteristics

Table 3: Pollutants			
Pollutant Selection	**Pollutant Full Name**	**Notes**	**Source**
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N20	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Sheet
Construction Phase

Table 5: Construction					
Phase Name	**Phase Type**	**Start Date**	**End Date**	**Days/Week**	**Total Days**
Community Facility in MU - Site Preparation	Site Preparation	2020/07/01	2020/07/02	5	2
Community Facility in MU - Grading	Grading	2020/07/03	2020/07/05	5	1
Community Facility in MU - Building Construction	Building Construction	2020/07/08	2020/11/01	5	83
Community Facility in MU - Architectural Coatings	Architectural Coating	2020/09/01	2020/09/30	6	22
Community Facility in MU - Landscape	Site Preparation	2020/12/01	2020/12/31	5	23
Community Facility in MU - Paving	Paving	2020/12/01	2020/12/31	5	23
Senior Activity Center Site Landscaping	Site Preparation	2020/12/01	2020/12/02	5	2
Swim Club Central Site Prep	Site Preparation	2020/12/01	2020/12/02	5	2
Senior Activity Center Grading	Grading	2020/12/03	2020/12/05	5	2
Swim Club Central Grading	Grading	2020/12/03	2020/12/05	5	2
Senior Activity Center Building Construction	Building Construction	2020/12/06	2021/03/31	5	83
Swim Club Central Building Construction	Building Construction	2020/12/06	2021/03/31	5	83
Senior Activity Center Architectural Coating	Architectural Coating	2021/02/01	2021/02/28	5	20
Swim Club Architectural Coating	Architectural Coating	2021/02/01	2021/02/28	5	20

CalEEMod Input Sheet
Construction Phase

Senior Activity Center Landscaping	Site Preparation	2021/04/01	2021/04/30	5	22
Swim Club Central Landscaping	Site Preparation	2021/04/01	2021/04/30	5	22
Senior Activity Center Paving	Paving	2021/05/01	2021/05/31	5	21
Commercial 2- Site Preparation	Site Preparation	2023/06/01	2023/06/03	5	2
Commercial 2- Grading	Grading	2023/06/06	2023/06/10	5	4
Commercial 2- Building Construction	Building Construction	2023/06/13	2023/12/01	5	124
Commercial 3- Architectural coating	Architectural Coating	2023/09/01	2023/09/30	6	21
Commercial 3- Site Preparation	Site Preparation	2024/06/01	2024/06/05	5	3
Commercial 3- Grading	Grading	2024/06/06	2024/06/12	5	5
Commercial 3- Building Construction	Building Construction	2024/06/13	2024/12/01	5	122
Commercial 2- Architectural coating	Architectural Coating	2024/10/01	2024/10/31	6	23

CalEEMod Input Sheet
Construction Phase

Table 6: Off-Road Equipment					
Phase Name	**Equipment**	**Unit Amount**	**Hours/Day**	**Horsepower (hp)**	**Load Factor**
Site Preparation - all	default				
Grading- all					
Landscaping - all	Skidsteer	2	default		
Building Construction -parks	Forklift	1	default		
	Tractor/Loader/Backhoe	1			
	Welder	1			
Paving - all	default				
Architectural Coating -all					
Building Construction - Non-park					

Table 7: Dust from Material Movement							
Phase Name	**Material Imported**	**Material Exported**	**Material Import/Export**	**Mean Vehicle Speed (mph)**	**Total Acres Graded**	**Material Moisture**	**Material Silt Content**
Site Prep	--						
Grading	--						
Notes: All soil export assumed in Central Village Residential CalEEMod inputs							

Table 8: Demolition		
Phase Name	**Size Metric**	**Unit Amount**
--		

Table 7: Dust from Material Movement							
Phase Name	**Material Imported**	**Material Exported**	**Material Import/Export Phased?**	**Mean Vehicle Speed (mph)**	**Total Acres Graded**	**Material Moisture Content (%) Bulldozing**	**Material Silt Content**
Site Prep	--						
Grading	--						
Notes: All soil export assumed in Central Village Residential CalEEMod inputs							

CalEEMod Input Sheet
Construction Phase

Table 8: Demolition		
Phase Name	**Size Metric**	**Unit Amount**
--		

Table 9: Construction Trips and VMT									
Phase Name	**# Trips Worker (/day)**	**# Trips Vendor (/day)**	**Total # Trips Hauling**	**Trip Length Worker (miles)**	**Trip Length Worker (miles)**	**Trip Length Hauling (miles)**	**Vehicle Class Worker**	**Vehicle Class Vendor**	**Vehicle Class Hauling**
Refer to Construction VMT Worksheet									

Table 10: On-Road Fugitive Dust								
Phase Name	**% Pave Worker**	**% Pave Vendor**	**% Pave Hauling**	**Road Silt Loading (g/m2)**	**Material Silt Content (%)**	**Material Moisture Content (%)**	**Average Vehicle Weight (tons)**	**Mean Vehicle Speed (mph)**
--								

Table 11: Architectural Coating										
Phase Name	**Residential Interior VOC (g/L)**	**Residential Interior Area (sqft)**	**Residential Exterior VOC (g/L)**	**Residential Exterior Area (sqft)**	**Non-Residential Interior VOC (g/L)**	**Non-Residential Interior Area (sqft)**	**Non-Residential Exterior VOC (g/L)**	**Non-Residential Exterior Area (sqft)**	**VOC for Parking Lot Paint (g/L)**	**Parking Area (sqft)**
Community Facility in MU - Architectural Coatings	N/A	N/A	N/A	N/A	50	7,500	100	2,500	100	84
Senior Activity Center Architectural Coating	N/A	N/A	N/A	N/A	50	11,250	100	3,750	100	96
Swim Club Architectural Coating	N/A	N/A	N/A	N/A	50	2,250	100	750	100	0
Commercial 3- Architectural coating	N/A	N/A	N/A	N/A	50	7,500	100	2,500	100	32
Commercial 2- Architectural coating	N/A	N/A	N/A	N/A	50	7,500	100	2,500	100	32

CalEEMod Input Sheet
Construction Mobile

Table 12: Vehicle Trips	
Land Use Subtype	**Size Metric**
Refer to VMT Worksheet	

Table 13: Vehicle Emissions
default

Table 14: Fleet Mix													
Land Use Subtype	**LDA**	**LDT1**	**LDT2**	**MDV**	**LHD1**	**LHD2**	**MHD**	**HHD**	**OBUS**	**UBUS**	**MCY**	**SBUS**	**MH**
Single Family Housing	default												

CalEEMod Input Sheet
Construction Mobile

Table 15: Paved Road Dust	
% Pave	default
Road Silt Loading (g/m2)	
Weight (tons)	

Table 16: Paved Road Dust	
Material Silt Content (%)	default
Material Moisture Content (%)	
Mean Vechile Speed (mph)	
CARB Unmitigated Unpaved Road Statewide Emissions Inventory Method	

Tables 12 through 31 pertain to operational emissions and are therefore omitted

CalEEMod Input Sheet
Construction Mitigation

Table 32: Off-Road Equipment						
Equipment Type	**Fuel Type**	**Engine Tier**	**Number of Equipments Mitigated**	**Total Number of Off-road Equipments**	**DPF Level**	**Using Oxidation Catalyst (% Reduction)**
--						

Table 33: Fugitive Dust	
Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	default
PM 2.5 (% Reduction)	
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	15
Clean Paved Road	
% PM Reduction	--

CalEEMod Version: CalEEMod.2016.3.1 Date: 8/21/2017 12:43 PM

North Village Residential General Construction - LEA

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	169.00	0.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2021
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Grading - Refer to CalEEMod Input Matrix Table 7

Construction Off-road Equipment Mitigation - Refer to CalEEMod Input Matrix Table 32

Land Use - Site prep for General North Village

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Parking	250	0
tblConstructionPhase	NumDays	310.00	87.00
tblConstructionPhase	NumDays	220.00	22.00
tblConstructionPhase	NumDays	220.00	23.00
tblConstructionPhase	NumDays	220.00	21.00
tblConstructionPhase	NumDays	220.00	21.00
tblConstructionPhase	NumDays	220.00	22.00
tblConstructionPhase	NumDays	220.00	23.00
tblConstructionPhase	NumDays	220.00	283.00
tblConstructionPhase	NumDays	220.00	21.00
tblConstructionPhase	NumDays	120.00	22.00
tblConstructionPhase	NumDays	120.00	129.00
tblConstructionPhase	NumDays	120.00	129.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-13
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-14
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-12
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblGrading	AcresOfGrading	64.50	0.00
tblGrading	AcresOfGrading	64.50	0.00
tblLandUse	LotAcreage	0.00	169.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Slope Landscaping
tblOffRoadEquipment	PhaseName		Interact Utilities
tblOffRoadEquipment	PhaseName		Site Preparation
tblOffRoadEquipment	PhaseName		Slope Landscaping
tblOffRoadEquipment	PhaseName		Interact Utilities
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00

tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	OperationalYear	2018	2021
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	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	4.2957	48.0760	31.9869	0.0647	56.2197	1.9874	58.2071	8.3621	1.8284	10.1905	0.0000	6,287.3955	6,287.3955	1.9617	0.0000	6,336.4380
2022	3.7210	40.4912	30.0472	0.0647	149.2030	1.6367	150.8397	20.6883	1.5058	21.5595	0.0000	6,287.5491	6,287.5491	1.9620	0.0000	6,336.5983
2023	2.1395	21.9085	29.8342	0.0512	7.0384	1.0227	8.0611	0.7382	0.9410	1.6792	0.0000	5,019.9786	5,019.9786	1.4684	0.0000	5,056.6884
2024	1.0237	10.2760	14.9451	0.0256	3.5192	0.4697	3.9889	0.3691	0.4321	0.8012	0.0000	2,507.1246	2,507.1246	0.7339	0.0000	2,525.4713
Maximum	**4.2957**	**48.0760**	**31.9869**	**0.0647**	**149.2030**	**1.9874**	**150.8397**	**20.6883**	**1.8284**	**21.5595**	**0.0000**	**6,287.5491**	**6,287.5491**	**1.9620**	**0.0000**	**6,336.5983**

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	4.2957	48.0760	31.9869	0.0647	36.6998	1.9874	38.6872	4.7483	1.8284	6.5768	0.0000	6,287.3955	6,287.3955	1.9617	0.0000	6,336.4380
2022	3.7210	40.4912	30.0472	0.0647	101.7881	1.6367	103.4249	11.2433	1.5058	12.7492	0.0000	6,287.5491	6,287.5491	1.9620	0.0000	6,336.5983
2023	2.1395	21.9085	29.8342	0.0512	4.9863	1.0227	6.0090	0.5335	0.9410	1.4744	0.0000	5,019.9786	5,019.9786	1.4684	0.0000	5,056.6884
2024	1.0237	10.2760	14.9451	0.0256	2.4932	0.4697	2.9628	0.2667	0.4321	0.6988	0.0000	2,507.1246	2,507.1246	0.7339	0.0000	2,525.4713
Maximum	**4.2957**	**48.0760**	**31.9869**	**0.0647**	**101.7881**	**1.9874**	**103.4249**	**11.2433**	**1.8284**	**12.7492**	**0.0000**	**6,287.5491**	**6,287.5491**	**1.9620**	**0.0000**	**6,336.5983**

	ROG	NOx	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**	**32.42**	**0.00**	**31.67**	**44.32**	**0.00**	**37.19**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5100e-003	9.5000e-004	0.0827	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1522
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**2.5100e-003**	**9.5000e-004**	**0.0827**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1522**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5100e-003	9.5000e-004	0.0827	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1522
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**2.5100e-003**	**9.5000e-004**	**0.0827**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1522**

	ROG	NOx	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	Site Preparation	Site Preparation	9/1/2021	9/30/2021	5	22	
2	Grading	Grading	10/1/2021	1/31/2022	5	87	
3	Slope Landscaping	Site Preparation	2/1/2022	7/31/2022	5	129	
4	Interact Utilities	Site Preparation	2/1/2022	7/31/2022	5	129	
5	Interact Paving -1	Paving	7/1/2022	7/31/2022	5	21	
6	Interact Paving -2	Paving	11/1/2022	11/30/2022	5	22	
7	Interact Paving -3	Paving	3/1/2023	3/31/2023	5	23	
8	Interact Paving -6	Paving	3/1/2023	3/31/2024	5	283	
9	Interact Paving -4	Paving	7/1/2023	7/31/2023	5	21	
10	Interact Paving -5	Paving	11/1/2023	11/30/2023	5	22	
11	Interact Paving -7	Paving	7/1/2024	7/31/2024	5	23	
12	Interact Paving -8	Paving	11/1/2024	11/30/2024	5	21	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 217.5

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
Grading	Excavators	2	8.00	158	0.38
Site Preparation	Other Construction Equipment	1	8.00	172	0.42
Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Slope Landscaping	Excavators	1	8.00	158	0.38
Slope Landscaping	Rubber Tired Loaders	1	8.00	203	0.36
Interact Utilities	Excavators	1	8.00	158	0.38
Interact Utilities	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -1	Pavers	2	8.00	130	0.42
Interact Paving -1	Paving Equipment	2	8.00	132	0.36
Interact Paving -1	Rollers	2	8.00	80	0.38
Interact Paving -2	Pavers	2	8.00	130	0.42
Interact Paving -2	Paving Equipment	2	8.00	132	0.36
Interact Paving -2	Rollers	2	8.00	80	0.38
Interact Paving -3	Pavers	2	8.00	130	0.42
Interact Paving -3	Paving Equipment	2	8.00	132	0.36
Interact Paving -3	Rollers	2	8.00	80	0.38

Interact Paving -4	Pavers	2	8.00	130	0.42
Interact Paving -4	Paving Equipment	2	8.00	132	0.36
Interact Paving -4	Rollers	2	8.00	80	0.38
Interact Paving -5	Pavers	2	8.00	130	0.42
Interact Paving -5	Paving Equipment	2	8.00	132	0.36
Interact Paving -5	Rollers	2	8.00	80	0.38
Interact Paving -6	Pavers	2	8.00	130	0.42
Interact Paving -6	Paving Equipment	2	8.00	132	0.36
Interact Paving -6	Rollers	2	8.00	80	0.38
Interact Paving -7	Pavers	2	8.00	130	0.42
Interact Paving -7	Paving Equipment	2	8.00	132	0.36
Interact Paving -7	Rollers	2	8.00	80	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Interact Paving -8	Pavers	2	8.00	130	0.42
Interact Paving -8	Paving Equipment	2	8.00	132	0.36
Interact Paving -8	Rollers	2	8.00	80	0.38
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	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	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Slope Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Utilities	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	0	10.00	4.00	3,892.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	MHDT
Interact Paving -1	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -2	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -3	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -4	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -5	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -6	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -7	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -8	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved 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					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.6535	17.2480	10.3531	0.0178		0.8733	0.8733		0.8035	0.8035		1,726.7767	1,726.7767	0.5585		1,740.7386
Total	**1.6535**	**17.2480**	**10.3531**	**0.0178**	**6.0221**	**0.8733**	**6.8954**	**3.3102**	**0.8035**	**4.1137**		**1,726.7767**	**1,726.7767**	**0.5585**		**1,740.7386**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**2.1900**	**1.1200e-003**	**2.1911**	**0.2289**	**1.0600e-003**	**0.2300**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	1.6535	17.2480	10.3531	0.0178		0.8733	0.8733		0.8035	0.8035	0.0000	1,726.7767	1,726.7767	0.5585		1,740.7386
Total	**1.6535**	**17.2480**	**10.3531**	**0.0178**	**2.3486**	**0.8733**	**3.2219**	**1.2910**	**0.8035**	**2.0945**	**0.0000**	**1,726.7767**	**1,726.7767**	**0.5585**		**1,740.7386**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.6283	8.9000e-004	0.6292	0.0677	8.5000e-004	0.0686		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	0.9224	2.3000e-004	0.9226	0.0974	2.1000e-004	0.0976		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**1.5507**	**1.1200e-003**	**1.5518**	**0.1651**	**1.0600e-003**	**0.1662**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

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					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**8.6733**	**1.9853**	**10.6587**	**3.5965**	**1.8265**	**5.4230**		**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0526	1.2447	0.7435	8.8000e-004	43.4006	5.8000e-004	43.4012	4.3335	5.5000e-004	4.3340		90.3696	90.3696	7.8600e-003		90.5661
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0392	0.0252	0.2493	7.7000e-004	3.2596	5.7000e-004	3.2601	0.3387	5.2000e-004	0.3392		76.4548	76.4548	2.2000e-003		76.5097
Total	**0.1045**	**1.6762**	**1.1084**	**2.7100e-003**	**47.5463**	**2.0400e-003**	**47.5484**	**4.7656**	**1.9200e-003**	**4.7675**		**280.3521**	**280.3521**	**0.0189**		**280.8246**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**3.3826**	**1.9853**	**5.3679**	**1.4026**	**1.8265**	**3.2292**	**0.0000**	**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0526	1.2447	0.7435	8.8000e-004	30.3830	5.8000e-004	30.3836	3.0345	5.5000e-004	3.0350		90.3696	90.3696	7.8600e-003		90.5661
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.6283	8.9000e-004	0.6292	0.0677	8.5000e-004	0.0686		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0392	0.0252	0.2493	7.7000e-004	2.3059	5.7000e-004	2.3065	0.2435	5.2000e-004	0.2440		76.4548	76.4548	2.2000e-003		76.5097
Total	**0.1045**	**1.6762**	**1.1084**	**2.7100e-003**	**33.3172**	**2.0400e-003**	**33.3192**	**3.3457**	**1.9200e-003**	**3.3476**		**280.3521**	**280.3521**	**0.0189**		**280.8246**

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					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**8.6733**	**1.6349**	**10.3082**	**3.5965**	**1.5041**	**5.1006**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0471	1.2411	0.6649	8.8000e-004	136.3840	5.3000e-004	136.3845	13.6120	5.0000e-004	13.6125		90.0449	90.0449	7.1800e-003		90.2245
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0372	0.0230	0.2314	7.4000e-004	3.2596	5.6000e-004	3.2601	0.3387	5.1000e-004	0.3392		73.6526	73.6526	2.0100e-003		73.7028
Total	**0.0961**	**1.6477**	**1.0057**	**2.6600e-003**	**140.5297**	**1.8600e-003**	**140.5315**	**14.0441**	**1.7400e-003**	**14.0459**		**276.1385**	**276.1385**	**0.0178**		**276.5824**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**3.3826**	**1.6349**	**5.0175**	**1.4026**	**1.5041**	**2.9067**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0471	1.2411	0.6649	8.8000e-004	95.4713	5.3000e-004	95.4718	9.5295	5.0000e-004	9.5300		90.0449	90.0449	7.1800e-003		90.2245
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.6283	7.7000e-004	0.6291	0.0677	7.3000e-004	0.0685		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0372	0.0230	0.2314	7.4000e-004	2.3059	5.6000e-004	2.3065	0.2435	5.1000e-004	0.2440		73.6526	73.6526	2.0100e-003		73.7028
Total	**0.0961**	**1.6477**	**1.0057**	**2.6600e-003**	**98.4055**	**1.8600e-003**	**98.4074**	**9.8407**	**1.7400e-003**	**9.8424**		**276.1385**	**276.1385**	**0.0178**		**276.5824**

3.4 Slope Landscaping - 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			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**	**18.0663**	**0.1874**	**18.2536**	**9.9307**	**0.1724**	**10.1031**		**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	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**2.1900**	**9.9000e-004**	**2.1910**	**0.2289**	**9.3000e-004**	**0.2299**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			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**	**7.0458**	**0.1874**	**7.2332**	**3.8730**	**0.1724**	**4.0454**	**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	0.0119	0.3836	0.1094	1.0400e-003	0.6283	7.7000e-004	0.6291	0.0677	7.3000e-004	0.0685		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**1.5507**	**9.9000e-004**	**1.5517**	**0.1651**	**9.3000e-004**	**0.1661**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

3.5 Interact Utilities - 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			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**	**18.0663**	**0.1874**	**18.2536**	**9.9307**	**0.1724**	**10.1031**		**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	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**2.1900**	**9.9000e-004**	**2.1910**	**0.2289**	**9.3000e-004**	**0.2299**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			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**	**7.0458**	**0.1874**	**7.2332**	**3.8730**	**0.1724**	**4.0454**	**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	0.0119	0.3836	0.1094	1.0400e-003	0.6283	7.7000e-004	0.6291	0.0677	7.3000e-004	0.0685		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**1.5507**	**9.9000e-004**	**1.5517**	**0.1651**	**9.3000e-004**	**0.1661**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

3.6 Interact Paving -1 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1028**	**11.1249**	**14.5805**	**0.0228**		**0.5679**	**0.5679**		**0.5225**	**0.5225**		**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.9591	0.2736	2.6100e-003	2.2154	1.9200e-003	2.2173	0.2337	1.8300e-003	0.2355		281.1026	281.1026	0.0214		281.6377
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0445**	**0.9683**	**0.3661**	**2.9100e-003**	**3.5192**	**2.1400e-003**	**3.5213**	**0.3691**	**2.0300e-003**	**0.3712**		**310.5636**	**310.5636**	**0.0222**		**311.1189**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1028**	**11.1249**	**14.5805**	**0.0228**		**0.5679**	**0.5679**		**0.5225**	**0.5225**	**0.0000**	**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.9591	0.2736	2.6100e-003	1.5708	1.9200e-003	1.5727	0.1693	1.8300e-003	0.1712		281.1026	281.1026	0.0214		281.6377
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0445**	**0.9683**	**0.3661**	**2.9100e-003**	**2.4932**	**2.1400e-003**	**2.4953**	**0.2667**	**2.0300e-003**	**0.2688**		**310.5636**	**310.5636**	**0.0222**		**311.1189**

3.7 Interact Paving -2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1028**	**11.1249**	**14.5805**	**0.0228**		**0.5679**	**0.5679**		**0.5225**	**0.5225**		**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.9591	0.2736	2.6100e-003	2.2154	1.9200e-003	2.2173	0.2337	1.8300e-003	0.2355		281.1026	281.1026	0.0214		281.6377
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0445**	**0.9683**	**0.3661**	**2.9100e-003**	**3.5192**	**2.1400e-003**	**3.5213**	**0.3691**	**2.0300e-003**	**0.3712**		**310.5636**	**310.5636**	**0.0222**		**311.1189**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1028**	**11.1249**	**14.5805**	**0.0228**		**0.5679**	**0.5679**		**0.5225**	**0.5225**	**0.0000**	**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.9591	0.2736	2.6100e-003	1.5708	1.9200e-003	1.5727	0.1693	1.8300e-003	0.1712		281.1026	281.1026	0.0214		281.6377
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0445**	**0.9683**	**0.3661**	**2.9100e-003**	**2.4932**	**2.1400e-003**	**2.4953**	**0.2667**	**2.0300e-003**	**0.2688**		**310.5636**	**310.5636**	**0.0222**		**311.1189**

3.8 Interact Paving -3 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**3.5192**	**1.1600e-003**	**3.5204**	**0.3691**	**1.1000e-003**	**0.3702**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	1.5708	9.4000e-004	1.5717	0.1693	9.0000e-004	0.1702		274.0693	274.0693	0.0195		274.5564
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**2.4932**	**1.1600e-003**	**2.4943**	**0.2667**	**1.1000e-003**	**0.2678**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

3.9 Interact Paving -6 - 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	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**3.5192**	**1.1600e-003**	**3.5204**	**0.3691**	**1.1000e-003**	**0.3702**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	1.5708	9.4000e-004	1.5717	0.1693	9.0000e-004	0.1702		274.0693	274.0693	0.0195		274.5564
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**2.4932**	**1.1600e-003**	**2.4943**	**0.2667**	**1.1000e-003**	**0.2678**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

3.9 Interact Paving -6 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	2.2154	9.2000e-004	2.2163	0.2337	8.7000e-004	0.2345		272.3569	272.3569	0.0192		272.8376
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0355**	**0.7514**	**0.3193**	**2.7900e-003**	**3.5192**	**1.1300e-003**	**3.5203**	**0.3691**	**1.0700e-003**	**0.3702**		**299.5774**	**299.5774**	**0.0199**		**300.0749**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	1.5708	9.2000e-004	1.5717	0.1693	8.7000e-004	0.1702		272.3569	272.3569	0.0192		272.8376
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.9224	2.1000e-004	0.9226	0.0974	2.0000e-004	0.0976		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0355**	**0.7514**	**0.3193**	**2.7900e-003**	**2.4932**	**1.1300e-003**	**2.4943**	**0.2667**	**1.0700e-003**	**0.2678**		**299.5774**	**299.5774**	**0.0199**		**300.0749**

3.10 Interact Paving -4 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**3.5192**	**1.1600e-003**	**3.5204**	**0.3691**	**1.1000e-003**	**0.3702**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	1.5708	9.4000e-004	1.5717	0.1693	9.0000e-004	0.1702		274.0693	274.0693	0.0195		274.5564
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**2.4932**	**1.1600e-003**	**2.4943**	**0.2667**	**1.1000e-003**	**0.2678**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

3.11 Interact Paving -5 - 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	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**3.5192**	**1.1600e-003**	**3.5204**	**0.3691**	**1.1000e-003**	**0.3702**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	1.5708	9.4000e-004	1.5717	0.1693	9.0000e-004	0.1702		274.0693	274.0693	0.0195		274.5564
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**2.4932**	**1.1600e-003**	**2.4943**	**0.2667**	**1.1000e-003**	**0.2678**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

3.12 Interact Paving -7 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	2.2154	9.2000e-004	2.2163	0.2337	8.7000e-004	0.2345		272.3569	272.3569	0.0192		272.8376
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0355**	**0.7514**	**0.3193**	**2.7900e-003**	**3.5192**	**1.1300e-003**	**3.5203**	**0.3691**	**1.0700e-003**	**0.3702**		**299.5774**	**299.5774**	**0.0199**		**300.0749**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	1.5708	9.2000e-004	1.5717	0.1693	8.7000e-004	0.1702		272.3569	272.3569	0.0192		272.8376
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.9224	2.1000e-004	0.9226	0.0974	2.0000e-004	0.0976		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0355**	**0.7514**	**0.3193**	**2.7900e-003**	**2.4932**	**1.1300e-003**	**2.4943**	**0.2667**	**1.0700e-003**	**0.2678**		**299.5774**	**299.5774**	**0.0199**		**300.0749**

3.13 Interact Paving -8 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	2.2154	9.2000e-004	2.2163	0.2337	8.7000e-004	0.2345		272.3569	272.3569	0.0192		272.8376
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0355**	**0.7514**	**0.3193**	**2.7900e-003**	**3.5192**	**1.1300e-003**	**3.5203**	**0.3691**	**1.0700e-003**	**0.3702**		**299.5774**	**299.5774**	**0.0199**		**300.0749**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	1.5708	9.2000e-004	1.5717	0.1693	8.7000e-004	0.1702		272.3569	272.3569	0.0192		272.8376
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.9224	2.1000e-004	0.9226	0.0974	2.0000e-004	0.0976		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0355**	**0.7514**	**0.3193**	**2.7900e-003**	**2.4932**	**1.1300e-003**	**2.4943**	**0.2667**	**1.0700e-003**	**0.2678**		**299.5774**	**299.5774**	**0.0199**		**300.0749**

CalEEMod Version: CalEEMod.2016.3.1 Date: 8/21/2017 12:40 PM

North Village Residential General Construction - LEA

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	169.00	0.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2021
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Construction Phase - Refer to CalEEMod Input Matrix Table 5

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Grading - Refer to CalEEMod Input Matrix Table 7

Construction Off-road Equipment Mitigation - Refer to CalEEMod Input Matrix Table 32

Project Characteristics -

Land Use - Site prep for General North Village

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Parking	250	0
tblConstructionPhase	NumDays	310.00	87.00
tblConstructionPhase	NumDays	220.00	22.00
tblConstructionPhase	NumDays	220.00	23.00
tblConstructionPhase	NumDays	220.00	21.00
tblConstructionPhase	NumDays	220.00	21.00
tblConstructionPhase	NumDays	220.00	22.00
tblConstructionPhase	NumDays	220.00	23.00
tblConstructionPhase	NumDays	220.00	283.00
tblConstructionPhase	NumDays	220.00	21.00
tblConstructionPhase	NumDays	120.00	22.00
tblConstructionPhase	NumDays	120.00	129.00
tblConstructionPhase	NumDays	120.00	129.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-13
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-14
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-12
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblGrading	AcresOfGrading	64.50	0.00
tblGrading	AcresOfGrading	64.50	0.00
tblLandUse	LotAcreage	0.00	169.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Slope Landscaping
tblOffRoadEquipment	PhaseName		Interact Utilities
tblOffRoadEquipment	PhaseName		Site Preparation
tblOffRoadEquipment	PhaseName		Slope Landscaping
tblOffRoadEquipment	PhaseName		Interact Utilities
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00

tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	OperationalYear	2018	2021
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	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	4.2870	48.0690	31.9116	0.0648	56.2197	1.9873	58.2070	8.3621	1.8284	10.1905	0.0000	6,297.4299	6,297.4299	1.9607	0.0000	6,346.4475
2022	3.7129	40.4853	29.9788	0.0648	149.2030	1.6367	150.8397	20.6883	1.5058	21.5594	0.0000	6,297.4013	6,297.4013	1.9610	0.0000	6,346.4271
2023	2.1336	21.9135	29.8020	0.0514	7.0384	1.0226	8.0610	0.7382	0.9409	1.6791	0.0000	5,038.1677	5,038.1677	1.4665	0.0000	5,074.8294
2024	1.0208	10.2785	14.9296	0.0257	3.5192	0.4696	3.9888	0.3691	0.4321	0.8012	0.0000	2,516.0483	2,516.0483	0.7330	0.0000	2,534.3720
Maximum	**4.2870**	**48.0690**	**31.9116**	**0.0648**	**149.2030**	**1.9873**	**150.8397**	**20.6883**	**1.8284**	**21.5594**	**0.0000**	**6,297.4299**	**6,297.4299**	**1.9610**	**0.0000**	**6,346.4475**

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	4.2870	48.0690	31.9116	0.0648	36.6998	1.9873	38.6871	4.7483	1.8284	6.5767	0.0000	6,297.4299	6,297.4299	1.9607	0.0000	6,346.4475
2022	3.7129	40.4853	29.9788	0.0648	101.7881	1.6367	103.4248	11.2433	1.5058	12.7491	0.0000	6,297.4013	6,297.4013	1.9610	0.0000	6,346.4271
2023	2.1336	21.9135	29.8020	0.0514	4.9863	1.0226	6.0089	0.5335	0.9409	1.4743	0.0000	5,038.1677	5,038.1677	1.4665	0.0000	5,074.8294
2024	1.0208	10.2785	14.9296	0.0257	2.4932	0.4696	2.9628	0.2667	0.4321	0.6988	0.0000	2,516.0483	2,516.0483	0.7330	0.0000	2,534.3720
Maximum	**4.2870**	**48.0690**	**31.9116**	**0.0648**	**101.7881**	**1.9873**	**103.4248**	**11.2433**	**1.8284**	**12.7491**	**0.0000**	**6,297.4299**	**6,297.4299**	**1.9610**	**0.0000**	**6,346.4475**

	ROG	NOx	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**	**32.42**	**0.00**	**31.67**	**44.32**	**0.00**	**37.19**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5100e-003	9.5000e-004	0.0827	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1522
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**2.5100e-003**	**9.5000e-004**	**0.0827**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1522**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.5100e-003	9.5000e-004	0.0827	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1522
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**2.5100e-003**	**9.5000e-004**	**0.0827**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1522**

	ROG	NOx	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	Site Preparation	Site Preparation	9/1/2021	9/30/2021	5	22	
2	Grading	Grading	10/1/2021	1/31/2022	5	87	
3	Slope Landscaping	Site Preparation	2/1/2022	7/31/2022	5	129	
4	Interact Utilities	Site Preparation	2/1/2022	7/31/2022	5	129	
5	Interact Paving -1	Paving	7/1/2022	7/31/2022	5	21	
6	Interact Paving -2	Paving	11/1/2022	11/30/2022	5	22	
7	Interact Paving -3	Paving	3/1/2023	3/31/2023	5	23	
8	Interact Paving -6	Paving	3/1/2023	3/31/2024	5	283	
9	Interact Paving -4	Paving	7/1/2023	7/31/2023	5	21	
10	Interact Paving -5	Paving	11/1/2023	11/30/2023	5	22	
11	Interact Paving -7	Paving	7/1/2024	7/31/2024	5	23	
12	Interact Paving -8	Paving	11/1/2024	11/30/2024	5	21	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 217.5

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
Grading	Excavators	2	8.00	158	0.38
Site Preparation	Other Construction Equipment	1	8.00	172	0.42
Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Slope Landscaping	Excavators	1	8.00	158	0.38
Slope Landscaping	Rubber Tired Loaders	1	8.00	203	0.36
Interact Utilities	Excavators	1	8.00	158	0.38
Interact Utilities	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -1	Pavers	2	8.00	130	0.42
Interact Paving -1	Paving Equipment	2	8.00	132	0.36
Interact Paving -1	Rollers	2	8.00	80	0.38
Interact Paving -2	Pavers	2	8.00	130	0.42
Interact Paving -2	Paving Equipment	2	8.00	132	0.36
Interact Paving -2	Rollers	2	8.00	80	0.38
Interact Paving -3	Pavers	2	8.00	130	0.42
Interact Paving -3	Paving Equipment	2	8.00	132	0.36
Interact Paving -3	Rollers	2	8.00	80	0.38
Interact Paving -4	Pavers	2	8.00	130	0.42
Interact Paving -4	Paving Equipment	2	8.00	132	0.36
Interact Paving -4	Rollers	2	8.00	80	0.38
Interact Paving -5	Pavers	2	8.00	130	0.42
Interact Paving -5	Paving Equipment	2	8.00	132	0.36
Interact Paving -5	Rollers	2	8.00	80	0.38

Interact Paving -6	Pavers	2	8.00	130	0.42
Interact Paving -6	Paving Equipment	2	8.00	132	0.36
Interact Paving -6	Rollers	2	8.00	80	0.38
Interact Paving -7	Pavers	2	8.00	130	0.42
Interact Paving -7	Paving Equipment	2	8.00	132	0.36
Interact Paving -7	Rollers	2	8.00	80	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Interact Paving -8	Pavers	2	8.00	130	0.42
Interact Paving -8	Paving Equipment	2	8.00	132	0.36
Interact Paving -8	Rollers	2	8.00	80	0.38
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	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	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Slope Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Utilities	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	0	10.00	4.00	3,892.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	MHDT
Interact Paving -1	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -2	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -3	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -4	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -5	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -6	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -7	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -8	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved 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					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.6535	17.2480	10.3531	0.0178		0.8733	0.8733		0.8035	0.8035		1,726.7767	1,726.7767	0.5585		1,740.7386
Total	**1.6535**	**17.2480**	**10.3531**	**0.0178**	**6.0221**	**0.8733**	**6.8954**	**3.3102**	**0.8035**	**4.1137**		**1,726.7767**	**1,726.7767**	**0.5585**		**1,740.7386**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**2.1900**	**1.0900e-003**	**2.1911**	**0.2289**	**1.0300e-003**	**0.2300**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	1.6535	17.2480	10.3531	0.0178		0.8733	0.8733		0.8035	0.8035	0.0000	1,726.7767	1,726.7767	0.5585		1,740.7386
Total	**1.6535**	**17.2480**	**10.3531**	**0.0178**	**2.3486**	**0.8733**	**3.2219**	**1.2910**	**0.8035**	**2.0945**	**0.0000**	**1,726.7767**	**1,726.7767**	**0.5585**		**1,740.7386**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.6283	8.6000e-004	0.6292	0.0677	8.2000e-004	0.0686		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	0.9224	2.3000e-004	0.9226	0.0974	2.1000e-004	0.0976		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**1.5507**	**1.0900e-003**	**1.5518**	**0.1651**	**1.0300e-003**	**0.1662**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

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					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**8.6733**	**1.9853**	**10.6587**	**3.5965**	**1.8265**	**5.4230**		**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0492	1.2394	0.6641	9.0000e-004	43.4006	5.5000e-004	43.4012	4.3335	5.3000e-004	4.3340		92.4016	92.4016	7.2500e-003		92.5829
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0346	0.0225	0.2652	8.2000e-004	3.2596	5.7000e-004	3.2601	0.3387	5.2000e-004	0.3392		81.4441	81.4441	2.3200e-003		81.5022
Total	**0.0959**	**1.6692**	**1.0332**	**2.8000e-003**	**47.5463**	**1.9800e-003**	**47.5483**	**4.7656**	**1.8700e-003**	**4.7675**		**290.3865**	**290.3865**	**0.0179**		**290.8341**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**3.3826**	**1.9853**	**5.3679**	**1.4026**	**1.8265**	**3.2292**	**0.0000**	**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0492	1.2394	0.6641	9.0000e-004	30.3830	5.5000e-004	30.3835	3.0345	5.3000e-004	3.0350		92.4016	92.4016	7.2500e-003		92.5829
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.6283	8.6000e-004	0.6292	0.0677	8.2000e-004	0.0686		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0346	0.0225	0.2652	8.2000e-004	2.3059	5.7000e-004	2.3065	0.2435	5.2000e-004	0.2440		81.4441	81.4441	2.3200e-003		81.5022
Total	**0.0959**	**1.6692**	**1.0332**	**2.8000e-003**	**33.3172**	**1.9800e-003**	**33.3192**	**3.3457**	**1.8700e-003**	**3.3476**		**290.3865**	**290.3865**	**0.0179**		**290.8341**

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					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**8.6733**	**1.6349**	**10.3082**	**3.5965**	**1.5041**	**5.1006**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0441	1.2364	0.5923	9.0000e-004	136.3840	5.0000e-004	136.3845	13.6120	4.8000e-004	13.6125		92.0892	92.0892	6.6200e-003		92.2547
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0327	0.0205	0.2466	7.9000e-004	3.2596	5.6000e-004	3.2601	0.3387	5.1000e-004	0.3392		78.4560	78.4560	2.1300e-003		78.5092
Total	**0.0880**	**1.6419**	**0.9373**	**2.7600e-003**	**140.5297**	**1.8000e-003**	**140.5315**	**14.0441**	**1.6900e-003**	**14.0458**		**285.9907**	**285.9907**	**0.0168**		**286.4113**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**3.3826**	**1.6349**	**5.0175**	**1.4026**	**1.5041**	**2.9067**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0441	1.2364	0.5923	9.0000e-004	95.4713	5.0000e-004	95.4718	9.5295	4.8000e-004	9.5299		92.0892	92.0892	6.6200e-003		92.2547
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.6283	7.4000e-004	0.6291	0.0677	7.0000e-004	0.0684		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0327	0.0205	0.2466	7.9000e-004	2.3059	5.6000e-004	2.3065	0.2435	5.1000e-004	0.2440		78.4560	78.4560	2.1300e-003		78.5092
Total	**0.0880**	**1.6419**	**0.9373**	**2.7600e-003**	**98.4055**	**1.8000e-003**	**98.4073**	**9.8407**	**1.6900e-003**	**9.8424**		**285.9907**	**285.9907**	**0.0168**		**286.4113**

3.4 Slope Landscaping - 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			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**	**18.0663**	**0.1874**	**18.2536**	**9.9307**	**0.1724**	**10.1031**		**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	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**2.1900**	**9.6000e-004**	**2.1909**	**0.2289**	**9.0000e-004**	**0.2298**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			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**	**7.0458**	**0.1874**	**7.2332**	**3.8730**	**0.1724**	**4.0454**	**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	0.0113	0.3849	0.0983	1.0700e-003	0.6283	7.4000e-004	0.6291	0.0677	7.0000e-004	0.0684		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**1.5507**	**9.6000e-004**	**1.5516**	**0.1651**	**9.0000e-004**	**0.1660**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

3.5 Interact Utilities - 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			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**	**18.0663**	**0.1874**	**18.2536**	**9.9307**	**0.1724**	**10.1031**		**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	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**2.1900**	**9.6000e-004**	**2.1909**	**0.2289**	**9.0000e-004**	**0.2298**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			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**	**7.0458**	**0.1874**	**7.2332**	**3.8730**	**0.1724**	**4.0454**	**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	0.0113	0.3849	0.0983	1.0700e-003	0.6283	7.4000e-004	0.6291	0.0677	7.0000e-004	0.0684		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**1.5507**	**9.6000e-004**	**1.5516**	**0.1651**	**9.0000e-004**	**0.1660**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

3.6 Interact Paving -1 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1028**	**11.1249**	**14.5805**	**0.0228**		**0.5679**	**0.5679**		**0.5225**	**0.5225**		**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0281	0.9623	0.2458	2.6800e-003	2.2154	1.8400e-003	2.2172	0.2337	1.7600e-003	0.2354		288.6138	288.6138	0.0202		289.1183
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0412**	**0.9705**	**0.3444**	**2.9900e-003**	**3.5192**	**2.0600e-003**	**3.5213**	**0.3691**	**1.9600e-003**	**0.3711**		**319.9962**	**319.9962**	**0.0210**		**320.5220**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1028**	**11.1249**	**14.5805**	**0.0228**		**0.5679**	**0.5679**		**0.5225**	**0.5225**	**0.0000**	**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0281	0.9623	0.2458	2.6800e-003	1.5708	1.8400e-003	1.5726	0.1693	1.7600e-003	0.1711		288.6138	288.6138	0.0202		289.1183
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0412**	**0.9705**	**0.3444**	**2.9900e-003**	**2.4932**	**2.0600e-003**	**2.4952**	**0.2667**	**1.9600e-003**	**0.2687**		**319.9962**	**319.9962**	**0.0210**		**320.5220**

3.7 Interact Paving -2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1028**	**11.1249**	**14.5805**	**0.0228**		**0.5679**	**0.5679**		**0.5225**	**0.5225**		**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0281	0.9623	0.2458	2.6800e-003	2.2154	1.8400e-003	2.2172	0.2337	1.7600e-003	0.2354		288.6138	288.6138	0.0202		289.1183
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0412**	**0.9705**	**0.3444**	**2.9900e-003**	**3.5192**	**2.0600e-003**	**3.5213**	**0.3691**	**1.9600e-003**	**0.3711**		**319.9962**	**319.9962**	**0.0210**		**320.5220**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1028**	**11.1249**	**14.5805**	**0.0228**		**0.5679**	**0.5679**		**0.5225**	**0.5225**	**0.0000**	**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0281	0.9623	0.2458	2.6800e-003	1.5708	1.8400e-003	1.5726	0.1693	1.7600e-003	0.1711		288.6138	288.6138	0.0202		289.1183
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0412**	**0.9705**	**0.3444**	**2.9900e-003**	**2.4932**	**2.0600e-003**	**2.4952**	**0.2667**	**1.9600e-003**	**0.2687**		**319.9962**	**319.9962**	**0.0210**		**320.5220**

3.8 Interact Paving -3 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		281.3170	281.3170	0.0185		281.7789
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0341**	**0.7651**	**0.3168**	**2.9000e-003**	**3.5192**	**1.1100e-003**	**3.5203**	**0.3691**	**1.0500e-003**	**0.3702**		**311.4997**	**311.4997**	**0.0193**		**311.9811**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	1.5708	8.9000e-004	1.5717	0.1693	8.5000e-004	0.1702		281.3170	281.3170	0.0185		281.7789
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0341**	**0.7651**	**0.3168**	**2.9000e-003**	**2.4932**	**1.1100e-003**	**2.4943**	**0.2667**	**1.0500e-003**	**0.2678**		**311.4997**	**311.4997**	**0.0193**		**311.9811**

3.9 Interact Paving -6 - 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	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		281.3170	281.3170	0.0185		281.7789
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0341**	**0.7651**	**0.3168**	**2.9000e-003**	**3.5192**	**1.1100e-003**	**3.5203**	**0.3691**	**1.0500e-003**	**0.3702**		**311.4997**	**311.4997**	**0.0193**		**311.9811**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	1.5708	8.9000e-004	1.5717	0.1693	8.5000e-004	0.1702		281.3170	281.3170	0.0185		281.7789
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0341**	**0.7651**	**0.3168**	**2.9000e-003**	**2.4932**	**1.1100e-003**	**2.4943**	**0.2667**	**1.0500e-003**	**0.2678**		**311.4997**	**311.4997**	**0.0193**		**311.9811**

3.9 Interact Paving -6 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7470	0.2181	2.5800e-003	2.2154	8.7000e-004	2.2163	0.2337	8.3000e-004	0.2345		279.5076	279.5076	0.0183		279.9642
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	**0.0327**	**0.7539**	**0.3038**	**2.8700e-003**	**3.5192**	**1.0800e-003**	**3.5203**	**0.3691**	**1.0300e-003**	**0.3701**		**308.5011**	**308.5011**	**0.0190**		**308.9756**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7470	0.2181	2.5800e-003	1.5708	8.7000e-004	1.5717	0.1693	8.3000e-004	0.1702		279.5076	279.5076	0.0183		279.9642
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.9224	2.1000e-004	0.9226	0.0974	2.0000e-004	0.0976		28.9935	28.9935	7.2000e-004		29.0114
Total	**0.0327**	**0.7539**	**0.3038**	**2.8700e-003**	**2.4932**	**1.0800e-003**	**2.4942**	**0.2667**	**1.0300e-003**	**0.2678**		**308.5011**	**308.5011**	**0.0190**		**308.9756**

3.10 Interact Paving -4 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		281.3170	281.3170	0.0185		281.7789
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0341**	**0.7651**	**0.3168**	**2.9000e-003**	**3.5192**	**1.1100e-003**	**3.5203**	**0.3691**	**1.0500e-003**	**0.3702**		**311.4997**	**311.4997**	**0.0193**		**311.9811**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	1.5708	8.9000e-004	1.5717	0.1693	8.5000e-004	0.1702		281.3170	281.3170	0.0185		281.7789
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0341**	**0.7651**	**0.3168**	**2.9000e-003**	**2.4932**	**1.1100e-003**	**2.4943**	**0.2667**	**1.0500e-003**	**0.2678**		**311.4997**	**311.4997**	**0.0193**		**311.9811**

3.11 Interact Paving -5 - 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	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**		**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		281.3170	281.3170	0.0185		281.7789
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0341**	**0.7651**	**0.3168**	**2.9000e-003**	**3.5192**	**1.1100e-003**	**3.5203**	**0.3691**	**1.0500e-003**	**0.3702**		**311.4997**	**311.4997**	**0.0193**		**311.9811**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0327**	**10.1917**	**14.5842**	**0.0228**		**0.5102**	**0.5102**		**0.4694**	**0.4694**	**0.0000**	**2,207.5841**	**2,207.5841**	**0.7140**		**2,225.4336**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	1.5708	8.9000e-004	1.5717	0.1693	8.5000e-004	0.1702		281.3170	281.3170	0.0185		281.7789
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0341**	**0.7651**	**0.3168**	**2.9000e-003**	**2.4932**	**1.1100e-003**	**2.4943**	**0.2667**	**1.0500e-003**	**0.2678**		**311.4997**	**311.4997**	**0.0193**		**311.9811**

3.12 Interact Paving -7 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7470	0.2181	2.5800e-003	2.2154	8.7000e-004	2.2163	0.2337	8.3000e-004	0.2345		279.5076	279.5076	0.0183		279.9642
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	**0.0327**	**0.7539**	**0.3038**	**2.8700e-003**	**3.5192**	**1.0800e-003**	**3.5203**	**0.3691**	**1.0300e-003**	**0.3701**		**308.5011**	**308.5011**	**0.0190**		**308.9756**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7470	0.2181	2.5800e-003	1.5708	8.7000e-004	1.5717	0.1693	8.3000e-004	0.1702		279.5076	279.5076	0.0183		279.9642
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.9224	2.1000e-004	0.9226	0.0974	2.0000e-004	0.0976		28.9935	28.9935	7.2000e-004		29.0114
Total	**0.0327**	**0.7539**	**0.3038**	**2.8700e-003**	**2.4932**	**1.0800e-003**	**2.4942**	**0.2667**	**1.0300e-003**	**0.2678**		**308.5011**	**308.5011**	**0.0190**		**308.9756**

3.13 Interact Paving -8 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7470	0.2181	2.5800e-003	2.2154	8.7000e-004	2.2163	0.2337	8.3000e-004	0.2345		279.5076	279.5076	0.0183		279.9642
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	**0.0327**	**0.7539**	**0.3038**	**2.8700e-003**	**3.5192**	**1.0800e-003**	**3.5203**	**0.3691**	**1.0300e-003**	**0.3701**		**308.5011**	**308.5011**	**0.0190**		**308.9756**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7470	0.2181	2.5800e-003	1.5708	8.7000e-004	1.5717	0.1693	8.3000e-004	0.1702		279.5076	279.5076	0.0183		279.9642
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.9224	2.1000e-004	0.9226	0.0974	2.0000e-004	0.0976		28.9935	28.9935	7.2000e-004		29.0114
Total	**0.0327**	**0.7539**	**0.3038**	**2.8700e-003**	**2.4932**	**1.0800e-003**	**2.4942**	**0.2667**	**1.0300e-003**	**0.2678**		**308.5011**	**308.5011**	**0.0190**		**308.9756**

CalEEMod Version: CalEEMod.2016.3.1

Date: 8/21/2017 1:41 PM

North Village Residential General Construction - LEA

San Diego County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Grading	0.73	0.55	-0.20	0.00	0.95	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -1	0.67	0.09	-0.18	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -2	0.67	0.09	-0.18	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -3	0.65	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -4	0.65	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -5	0.66	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -6	0.65	-0.00	-0.18	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -7	0.64	-0.05	-0.18	0.00	0.92	0.91	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -8	0.64	-0.05	-0.18	0.00	0.92	0.91	0.00	0.00	0.00	0.00	0.00	0.00
Interact Utilities	0.63	0.17	-0.50	0.00	0.90	0.89	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	0.81	0.62	-0.12	0.00	0.97	0.96	0.00	0.00	0.00	0.00	0.00	0.00
Slope Landscaping	0.63	0.17	-0.50	0.00	0.90	0.89	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
	Diesel	No Change	0	0	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 4 Interim	32	32	No Change	0.00
Excavators	Diesel	Tier 4 Interim	4	4	No Change	0.00
Graders	Diesel	Tier 4 Interim	3	3	No Change	0.00
Other Construction Equipment	Diesel	Tier 4 Interim	1	1	No Change	0.00
Pavers	Diesel	Tier 4 Interim	16	16	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	16	16	No Change	0.00
Rollers	Diesel	Tier 4 Interim	16	16	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Interim	8	8	No Change	0.00
Rubber Tired Loaders	Diesel	Tier 4 Interim	2	2	No Change	0.00
Scrapers	Diesel	Tier 4 Interim	2	2	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	13	13	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Excavators	4.54900E-002	4.08670E-001	7.04210E-001	1.12000E-003	1.97800E-002	1.82000E-002	0.00000E+000	9.79895E+001	9.79895E+001	3.16900E-002	0.00000E+000	9.87818E+001
Graders	1.93100E-002	2.50720E-001	7.64000E-002	2.90000E-004	7.95000E-003	7.31000E-003	0.00000E+000	2.53186E+001	2.53186E+001	8.19000E-003	0.00000E+000	2.55233E+001
Other Construction Equipment	4.62000E-003	4.81900E-002	4.46100E-002	7.00000E-005	2.52000E-003	2.32000E-003	0.00000E+000	5.97269E+000	5.97269E+000	1.93000E-003	0.00000E+000	6.02099E+000
Pavers	8.34200E-002	8.14830E-001	1.25815E+000	2.05000E-003	3.83100E-002	3.52400E-002	0.00000E+000	1.80049E+002	1.80049E+002	5.82300E-002	0.00000E+000	1.81505E+002
Paving Equipment	7.41100E-002	6.93030E-001	1.11570E+000	1.78000E-003	3.36600E-002	3.09700E-002	0.00000E+000	1.56024E+002	1.56024E+002	5.04600E-002	0.00000E+000	1.57286E+002
Rollers	6.66900E-002	6.97640E-001	8.07690E-001	1.14000E-003	3.82300E-002	3.51700E-002	0.00000E+000	1.00511E+002	1.00511E+002	3.25100E-002	0.00000E+000	1.01324E+002
Rubber Tired Dozers	5.48300E-002	5.75070E-001	2.15270E-001	4.60000E-004	2.78100E-002	2.55900E-002	0.00000E+000	4.09026E+001	4.09026E+001	1.32300E-002	0.00000E+000	4.12333E+001
Rubber Tired Loaders	3.75900E-002	3.90220E-001	1.97530E-001	8.10000E-004	1.30900E-002	1.20400E-002	0.00000E+000	7.08790E+001	7.08790E+001	2.29200E-002	0.00000E+000	7.14521E+001
Scrapers	7.85500E-002	8.94200E-001	5.96200E-001	1.32000E-003	3.48100E-002	3.20300E-002	0.00000E+000	1.15900E+002	1.15900E+002	3.74800E-002	0.00000E+000	1.16838E+002
Tractors/Loaders/Backhoes	1.78800E-002	1.81170E-001	2.21040E-001	3.00000E-004	1.05000E-002	9.66000E-003	0.00000E+000	2.67577E+001	2.67577E+001	8.65000E-003	0.00000E+000	2.69741E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Excavators	1.37200E-002	4.91760E-001	8.46290E-001	1.12000E-003	1.83000E-003	1.83000E-003	0.00000E+000	9.79894E+001	9.79894E+001	3.16900E-002	0.00000E+000	9.87817E+001
Graders	4.71000E-003	7.58800E-002	1.52940E-001	2.90000E-004	4.70000E-004	4.70000E-004	0.00000E+000	2.53186E+001	2.53186E+001	8.19000E-003	0.00000E+000	2.55233E+001
Other Construction Equipment	8.40000E-004	3.01300E-002	5.18600E-002	7.00000E-005	1.10000E-004	1.10000E-004	0.00000E+000	5.97269E+000	5.97269E+000	1.93000E-003	0.00000E+000	6.02098E+000
Pavers	2.51900E-002	9.02700E-001	1.55348E+000	2.05000E-003	3.36000E-003	3.36000E-003	0.00000E+000	1.80049E+002	1.80049E+002	5.82300E-002	0.00000E+000	1.81505E+002
Paving Equipment	2.19200E-002	7.85640E-001	1.35204E+000	1.78000E-003	2.92000E-003	2.92000E-003	0.00000E+000	1.56024E+002	1.56024E+002	5.04600E-002	0.00000E+000	1.57286E+002
Rollers	2.57100E-002	5.00260E-001	8.64940E-001	1.14000E-003	1.87000E-003	1.87000E-003	0.00000E+000	1.00511E+002	1.00511E+002	3.25100E-002	0.00000E+000	1.01324E+002
Rubber Tired Dozers	7.60000E-003	1.22510E-001	2.46920E-001	4.60000E-004	7.60000E-004	7.60000E-004	0.00000E+000	4.09025E+001	4.09025E+001	1.32300E-002	0.00000E+000	4.12332E+001
Rubber Tired Loaders	1.33000E-002	2.14490E-001	4.32300E-001	8.10000E-004	1.33000E-003	1.33000E-003	0.00000E+000	7.08789E+001	7.08789E+001	2.29200E-002	0.00000E+000	7.14520E+001
Scrapers	2.16200E-002	3.48690E-001	7.02790E-001	1.32000E-003	2.16000E-003	2.16000E-003	0.00000E+000	1.15900E+002	1.15900E+002	3.74800E-002	0.00000E+000	1.16837E+002
Tractors/Loaders/Backhoes	6.82000E-003	1.32750E-001	2.29520E-001	3.00000E-004	5.00000E-004	5.00000E-004	0.00000E+000	2.67577E+001	2.67577E+001	8.65000E-003	0.00000E+000	2.69740E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Excavators	6.98395E-001	-2.03318E-001	-2.01758E-001	0.00000E+000	9.07482E-001	8.99451E-001	0.00000E+000	1.12257E-006	1.12257E-006	0.00000E+000	0.00000E+000	1.21480E-006
Graders	7.56085E-001	6.97352E-001	-1.00183E+000	0.00000E+000	9.40881E-001	9.35705E-001	0.00000E+000	1.18490E-006	1.18490E-006	0.00000E+000	0.00000E+000	1.17539E-006
Other Construction Equipment	8.18182E-001	3.74767E-001	-1.62520E-001	0.00000E+000	9.56349E-001	9.52586E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.66086E-006
Pavers	6.98034E-001	-1.07838E-001	-2.34734E-001	0.00000E+000	9.12294E-001	9.04654E-001	0.00000E+000	1.22189E-006	1.22189E-006	0.00000E+000	0.00000E+000	1.21209E-006
Paving Equipment	7.04223E-001	-1.33631E-001	-2.11831E-001	0.00000E+000	9.13250E-001	9.05715E-001	0.00000E+000	1.21776E-006	1.21776E-006	0.00000E+000	0.00000E+000	1.14441E-006
Rollers	6.14485E-001	2.82925E-001	-7.08812E-002	0.00000E+000	9.51086E-001	9.46830E-001	0.00000E+000	1.09440E-006	1.09440E-006	0.00000E+000	0.00000E+000	1.18432E-006
Rubber Tired Dozers	8.61390E-001	7.86965E-001	-1.47025E-001	0.00000E+000	9.72672E-001	9.70301E-001	0.00000E+000	1.22242E-006	1.22242E-006	0.00000E+000	0.00000E+000	1.21261E-006
Rubber Tired Loaders	6.46182E-001	4.50336E-001	-1.18853E+000	0.00000E+000	8.98396E-001	8.89535E-001	0.00000E+000	1.12868E-006	1.12868E-006	0.00000E+000	0.00000E+000	1.25959E-006
Scrapers	7.24761E-001	6.10054E-001	-1.78782E-001	0.00000E+000	9.37949E-001	9.32563E-001	0.00000E+000	1.20793E-006	1.20793E-006	0.00000E+000	0.00000E+000	1.19825E-006
Tractors/Loaders/Backhoes	6.18568E-001	2.67263E-001	-3.83641E-002	0.00000E+000	9.52381E-001	9.48240E-001	0.00000E+000	1.12117E-006	1.12117E-006	0.00000E+000	0.00000E+000	1.48291E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	30.00	PM2.5 Reduction	30.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
No	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph)	40.00		
Yes	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Grading	Fugitive Dust	0.75	0.31	0.29	0.12	0.61	0.61
Grading	Roads	2.71	0.27	1.90	0.19	0.30	0.30
Interact Paving -1	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -1	Roads	0.03	0.00	0.02	0.00	0.29	0.27
Interact Paving -2	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -2	Roads	0.03	0.00	0.02	0.00	0.29	0.28
Interact Paving -3	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -3	Roads	0.04	0.00	0.03	0.00	0.29	0.28
Interact Paving -4	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -4	Roads	0.03	0.00	0.02	0.00	0.29	0.27
Interact Paving -5	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -5	Roads	0.03	0.00	0.02	0.00	0.29	0.28
Interact Paving -6	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -6	Roads	0.44	0.05	0.32	0.03	0.29	0.28
Interact Paving -7	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -7	Roads	0.04	0.00	0.03	0.00	0.29	0.28
Interact Paving -8	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Interact Paving -8	Roads	0.03	0.00	0.02	0.00	0.29	0.27
Interact Utilities	Fugitive Dust	1.17	0.64	0.45	0.25	0.61	0.61
Interact Utilities	Roads	0.13	0.01	0.09	0.01	0.29	0.28
Site Preparation	Fugitive Dust	0.07	0.04	0.03	0.01	0.61	0.61
Site Preparation	Roads	0.02	0.00	0.02	0.00	0.29	0.28
Slope Landscaping	Fugitive Dust	1.17	0.64	0.45	0.25	0.61	0.61
Slope Landscaping	Roads	0.13	0.01	0.09	0.01	0.29	0.28

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation Selected	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.00	0.15		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	250.00
No	Use Low VOC Paint (Residential Exterior)	250.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	Use Low VOC Paint (Parking)	0.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services	
Percent Reduction in Waste Disposed	

CalEEMod Input Matrix
Project Characteristics

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	North Village Residential General Construction - LEA	--	Project Description
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	9/1/2021	Central Village Schedule	Proctor Valley EIR Assumptions
Operational Year	2026	Central Village Schedule	Proctor Valley EIR Assumptions

Table 2: Utility Information			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Select Utility Company	San Diego Gas and Electric	project location	CEC, 2014
CO2 Intensity Factor (lb./Mwh)	--		
CH4 Intensity Factor (lb./Mwh)	default		
N20 Intensity Factor (lb./Mwh)	default		

CalEEMod Input Matrix
Project Characteristics

Table 3: Pollutants			
Pollutant Selection	**Pollutant Full Name**	**Notes**	**Source**
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N20	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Matrix
Construction Phase

Table 5: Construction Phase					
Phase Name	**Phase Type**	**Start Date**	**End Date**	**Days/Week**	**Total Days**
Site Preparation	Site Preparation	9/1/2021	9/30/2021	5	22
Grading	Grading	10/1/2021	1/31/2022	5	87
Slope Landscaping	Site Preparation	2/1/2022	7/31/2022	5	129
Interact Paving -1	Paving	7/1/2022	7/31/2022	5	21
Interact Paving -2	Paving	11/1/2022	11/30/2022	5	22
Interact Paving -3	Paving	3/1/2023	3/31/2023	5	23
Interact Paving -4	Paving	7/1/2023	7/31/2023	5	21
Interact Paving -5	Paving	11/1/2023	11/30/2023	5	22
Interact Paving -6	Paving	3/1/2023	3/31/2024	5	283
Interact Paving -7	Paving	7/1/2024	7/31/2024	5	23
Interact Paving -8	Paving	11/1/2024	11/30/2024	5	21
Interact Utilities	Site Preparation	2/1/2022	7/31/2022	5	129

Table 6: Off-Road Equipment					
Phase Name	**Equipment Type**	**Unit Amount**	**Hours/Day**	**Horsepower (hp)**	**Load Factor**
Site Preparation	Rubber Tired Dozer	default	default		
	Tractor/Loader/Backhoe				
	Other Construction Equipment (brush grinder)	1			
Grading	default				
Slope Landscaping	Excavator	1			
	Rubber Tired Loader	1			
Utilities	Excavator	1			
	Rubber Tired Loader	1			
Paving	default				

CalEEMod Input Matrix
Construction Phase

Table 7: Dust from Material Movement							
Phase Name	**Material Imported**	**Material Exported**	**Material Import/Export Phased?**	**Mean Vehicle Speed (mph)**	**Total Acres Graded**	**Material Moisture Content (%)**	**Material Silt Content**
Site Prep	default				169	default	
Grading					--		

Table 8: Demolition		
Phase Name	**Size Metric**	**Unit Amount**
default		

CalEEMod Input Matrix
Construction Phase

Table 9: Construction Trips and VMT									
Phase Name	**# Trips Worker (/day)**	**# Trips Vendor (/day)**	**Total # Trips Hauling**	**Trip Length Worker (miles)**	**Trip Length Worker (miles)**	**Trip Length Hauling (miles)**	**Vehicle Class Worker**	**Vehicle Class Vendor**	**Vehicle Class Hauling**
Site Preparation									
Grading			3,892			0.5			MHDT
Slope Landscaping	Refer to Construction VMT worksheet								
Utilities									
Paving									
Note: Internal hauling distance 0.5 miles to reflect onsite cut and fill									

Table 10: On-Road Fugitive Dust								
Phase Name	**% Pave Worker**	**% Pave Vendor**	**% Pave Hauling**	**Road Silt Loading (g/m2)**	**Material Silt Content (%)**	**Material Moisture Content (%)**	**Average Vehicle Weight (tons)**	**Mean Vehicle Speed (mph)**
Site Preparation				default				
Grading								
Slope Landscaping			0					
Utilities	98		0					
Paving								

Table 11: Architectural Coating
N/A

Tables 12 through 31 pertain to operational emissions and are therefore omitted

CalEEMod Input Sheet
Construction Mitigation

Table 32: Off-Road Equipment						
Equipment Type	**Fuel Type**	**Engine Tier**	**Number of Equipments Mitigated**	**Total Number of Off-road Equipments**	**DPF Level**	**Using Oxidation Catalyst (% Reduction)**
--						

Table 33: Fugitive Dust	
Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	default
PM 2.5 (% Reduction)	
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	15
Clean Paved Road	
% PM Reduction	--

CalEEMod Version: CalEEMod.2016.3.1 Date: 8/23/2017 1:48 PM

North Village Residential LEA

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	0.00	1,244,556.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2025
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 1
Land Use - North Residential total square feet
Construction Phase - Refer to CalEEMod Input Matrix Table 5
Off-road Equipment - Refer to CalEEMod Input Matrix Table 6
Trips and VMT - Refer to CalEEMod Input Matrix Table 9
On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10
Architectural Coating - Refer to CalEEMod Input Matrix Table 11
Woodstoves - Operational Emissions Modeled Separately
Consumer Products - Operational Emissions Modeled Separately
Area Coating - Operational Emissions Modeled Separately
Construction Off-road Equipment Mitigation - Refer to CalEEMod Input Matrix Table 32 and 33

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Residential_Exterior	840078	0
tblAreaCoating	Area_Residential_Interior	2520234	0
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-13
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-14
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblGrading	AcresOfGrading	11.00	10.50
tblLandUse	BuildingSpaceSquareFeet	0.00	1,244,556.00
tblLandUse	LandUseSquareFeet	0.00	1,244,556.00
tblOffRoadEquipment	HorsePower	9.00	97.00
tblOffRoadEquipment	HorsePower	100.00	231.00
tblOffRoadEquipment	HorsePower	65.00	89.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	OperationalYear	2018	2025
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
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tblTripsAndVMT	VendorTripNumber	0.00	4.00

tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	10.00	4.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	0.00	6.00
tblTripsAndVMT	WorkerTripNumber	10.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	0.00	6.00
tblTripsAndVMT	WorkerTripNumber	13.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	4.00
tblTripsAndVMT	WorkerTripNumber	1.00	4.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	4.00
tblTripsAndVMT	WorkerTripNumber	0.00	6.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	10.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	0.00	6.00
tblTripsAndVMT	WorkerTripNumber	10.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00

tblTripsAndVMT	WorkerTripNumber	10.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	0.00	6.00
tblTripsAndVMT	WorkerTripNumber	10.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	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	22.5743	15.3660	17.5452	0.0312	7.8737	0.7655	8.6392	0.8222	0.7365	1.5588	0.0000	2,991.2490	2,991.2490	0.4634	0.0000	3,002.8329
2023	37.5707	18.9217	19.1969	0.0379	9.0559	0.8329	9.8888	0.9472	0.7945	1.7417	0.0000	3,633.8208	3,633.8208	0.6613	0.0000	3,650.3536
2024	37.1167	14.2473	17.4612	0.0312	8.5256	0.6233	9.1489	0.8900	0.5981	1.4880	0.0000	2,985.9465	2,985.9465	0.6056	0.0000	2,997.1903
2025	53.1088	6.2711	9.6392	0.0176	3.7280	0.2285	3.9566	0.3901	0.2213	0.6114	0.0000	1,713.4298	1,713.4298	0.2858	0.0000	1,720.5744
Maximum	**53.1088**	**18.9217**	**19.1969**	**0.0379**	**9.0559**	**0.8329**	**9.8888**	**0.9472**	**0.7945**	**1.7417**	**0.0000**	**3,633.8208**	**3,633.8208**	**0.6613**	**0.0000**	**3,650.3536**

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	22.5743	15.3660	17.5452	0.0312	5.5744	0.7655	6.3399	0.5928	0.7365	1.3293	0.0000	2,991.2490	2,991.2490	0.4634	0.0000	3,002.8329
2023	37.5707	18.9217	19.1969	0.0379	6.2424	0.8329	7.0753	0.6638	0.7945	1.4583	0.0000	3,633.8208	3,633.8208	0.6613	0.0000	3,650.3536
2024	37.1167	14.2473	17.4612	0.0312	6.0356	0.6233	6.6588	0.6415	0.5981	1.2396	0.0000	2,985.9465	2,985.9465	0.6056	0.0000	2,997.1903
2025	53.1088	6.2711	9.6392	0.0176	2.6402	0.2285	2.8687	0.2816	0.2213	0.5028	0.0000	1,713.4298	1,713.4298	0.2858	0.0000	1,720.5744
Maximum	**53.1088**	**18.9217**	**19.1969**	**0.0379**	**6.2424**	**0.8329**	**7.0753**	**0.6638**	**0.7945**	**1.4583**	**0.0000**	**3,633.8208**	**3,633.8208**	**0.6613**	**0.0000**	**3,650.3536**

	ROG	NOx	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**	**29.78**	**0.00**	**27.47**	**28.53**	**0.00**	**16.11**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.4700e-003	9.5000e-004	0.0824	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**2.4700e-003**	**9.5000e-004**	**0.0824**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.4700e-003	9.5000e-004	0.0824	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**2.4700e-003**	**9.5000e-004**	**0.0824**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

	ROG	NOx	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	P1 Site Preparation (mo. 1)	Site Preparation	8/1/2022	8/31/2022	5	23	
2	P1 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2022	11/30/2022	5	65	
3	P1 Architectural Coating	Architectural Coating	11/1/2022	12/31/2022	5	44	
4	P2 Site Preparation (mo. 1)	Site Preparation	12/1/2022	12/31/2022	5	22	
5	P1 Building Construction 2 (mo. 5)	Building Construction	12/1/2022	12/31/2022	5	22	
6	P2 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2023	3/31/2023	5	65	
7	P2 Architectural Coating	Architectural Coating	3/1/2023	4/30/2023	5	43	
8	P3 Site Preparation (mo. 1)	Site Preparation	4/1/2023	4/30/2023	5	20	
9	P2 Building Construction 2 (mo. 5)	Building Construction	4/1/2023	4/30/2023	5	20	
10	P3 Building Construction 1 (mo. 2-4)	Building Construction	5/1/2023	7/31/2023	5	66	
11	P3 Architectural Coating	Architectural Coating	7/1/2023	8/31/2023	5	44	
12	P4 Site Preparation (mo. 1)	Site Preparation	8/1/2023	8/30/2023	5	22	
13	P3 Building Construction 2 (mo. 5)	Building Construction	8/1/2023	8/31/2023	5	23	
14	P4 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2023	11/30/2023	5	65	
15	P4 Architectural Coating	Architectural Coating	11/1/2023	12/31/2023	5	43	
16	P5 Site Preparation (mo. 1)	Site Preparation	12/1/2023	12/31/2023	5	21	
17	P4 Building Construction 2 (mo. 5)	Building Construction	12/1/2023	12/31/2023	5	21	
18	P5 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2024	3/31/2024	5	65	
19	P5 Architectural Coating	Architectural Coating	3/1/2024	4/30/2024	5	43	
20	P6 Site Preparation (mo. 1)	Site Preparation	4/1/2024	4/30/2024	5	22	

21	P5 Building Construction 2 (mo. 5)	Building Construction	4/1/2024	4/30/2024	5	22	
22	P6 Building Construction 1 (mo. 2-4)	Building Construction	5/1/2024	7/31/2024	5	66	
23	P6 Architectural Coating	Architectural Coating	7/1/2024	8/31/2024	5	45	
24	P7 Site Preparation (mo. 1)	Site Preparation	8/1/2024	8/31/2024	5	22	
25	P6 Building Construction 2 (mo. 5)	Building Construction	8/1/2024	8/31/2024	5	22	
26	P7 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2024	11/30/2024	5	65	
27	P7 Architectural Coating	Architectural Coating	11/1/2024	12/31/2024	5	43	
28	P8 Site Preparation (mo. 1)	Site Preparation	12/1/2024	12/31/2024	5	22	
29	P7 Building Construction 2 (mo. 5)	Building Construction	12/1/2024	12/31/2024	5	22	
30	P8 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2025	3/31/2025	5	64	
31	P8 Architectural Coating	Architectural Coating	3/1/2025	4/30/2025	5	43	
32	P8 Building Construction 2 (mo. 5)	Building Construction	4/1/2025	4/30/2025	5	22	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 400,245; Residential Outdoor: 285,890; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P8 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P8 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P8 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P8 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P8 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P8 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P8 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P8 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	97	0.37
P8 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	231	0.29
P8 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	89	0.20
P8 Architectural Coating	Air Compressors	2	8.00	78	0.48
P1 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P1 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P1 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P1 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P1 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P1 Architectural Coating	Air Compressors	2	8.00	78	0.48
P2 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P2 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P2 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P2 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P1 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P1 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P2 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P2 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37

P2 Architectural Coating	Air Compressors	2	8.00	78	0.48
P3 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P3 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P3 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P2 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P2 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P2 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P3 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P3 Architectural Coating	Air Compressors	2	8.00	78	0.48
P4 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P4 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P4 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P3 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P4 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P4 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P4 Architectural Coating	Air Compressors	2	8.00	78	0.48
P5 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P5 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P5 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P5 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P4 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P4 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37

P5 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P5 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P5 Architectural Coating	Air Compressors	2	8.00	78	0.48
P6 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P6 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P6 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P6 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P5 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P5 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P6 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P6 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P6 Architectural Coating	Air Compressors	2	8.00	78	0.48
P7 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P7 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P7 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P6 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P6 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P6 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P7 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P7 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P7 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P7 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	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
P8 Site Preparation (mo. 1)	5	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 1 (mo. 2-	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 2 (mo. 5)	3	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Site Preparation (mo. 1)	4	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 1 (mo. 2-	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Architectural Coating	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Site Preparation (mo. 1)	4	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 2 (mo. 5)	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 1 (mo. 2-	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Architectural Coating	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Site Preparation (mo. 1)	4	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 2 (mo. 5)	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 1 (mo. 2-	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

P3 Architectural Coating	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Site Preparation (mo. 1)	4	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 2 (mo. 5)	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 1 (mo. 2-	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Architectural Coating	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Site Preparation (mo. 1)	5	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 2 (mo. 5)	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 1 (mo. 2-	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Architectural Coating	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Site Preparation (mo. 1)	4	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 2 (mo. 5)	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 1 (mo. 2-	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Architectural Coating	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Site Preparation (mo. 1)	4	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 2 (mo. 5)	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 1 (mo. 2-	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 2 (mo. 5)	3	6.00	4.00	0.00	10.80	7.30	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 P1 Site Preparation (mo. 1) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.8441	7.6453	8.0265	0.0127		0.4440	0.4440		0.4221	0.4221		1,200.8916	1,200.8916	0.2076		1,206.0813
Total	**0.8441**	**7.6453**	**8.0265**	**0.0127**	**0.0000**	**0.4440**	**0.4440**	**0.0000**	**0.4221**	**0.4221**		**1,200.8916**	**1,200.8916**	**0.2076**		**1,206.0813**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**2.1900**	**9.9000e-004**	**2.1910**	**0.2289**	**9.3000e-004**	**0.2299**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.8441	7.6453	8.0265	0.0127		0.4440	0.4440		0.4221	0.4221	0.0000	1,200.8916	1,200.8916	0.2076		1,206.0813
Total	**0.8441**	**7.6453**	**8.0265**	**0.0127**	**0.0000**	**0.4440**	**0.4440**	**0.0000**	**0.4221**	**0.4221**	**0.0000**	**1,200.8916**	**1,200.8916**	**0.2076**		**1,206.0813**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.6283	7.7000e-004	0.6291	0.0677	7.3000e-004	0.0685		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**1.5507**	**9.9000e-004**	**1.5517**	**0.1651**	**9.3000e-004**	**0.1661**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

3.3 P1 Building Construction 1 (mo. 2-4) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2766	3.1560	4.5263	6.5600e-003		0.1417	0.1417		0.1304	0.1304		634.9934	634.9934	0.2054		640.1277
Total	**0.2766**	**3.1560**	**4.5263**	**6.5600e-003**		**0.1417**	**0.1417**		**0.1304**	**0.1304**		**634.9934**	**634.9934**	**0.2054**		**640.1277**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**2.1900**	**9.9000e-004**	**2.1910**	**0.2289**	**9.3000e-004**	**0.2299**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2766	3.1560	4.5263	6.5600e-003		0.1417	0.1417		0.1304	0.1304	0.0000	634.9934	634.9934	0.2054		640.1277
Total	**0.2766**	**3.1560**	**4.5263**	**6.5600e-003**		**0.1417**	**0.1417**		**0.1304**	**0.1304**	**0.0000**	**634.9934**	**634.9934**	**0.2054**		**640.1277**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.6283	7.7000e-004	0.6291	0.0677	7.3000e-004	0.0685		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**1.5507**	**9.9000e-004**	**1.5517**	**0.1651**	**9.3000e-004**	**0.1661**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

3.4 P1 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	20.8494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5454	3.7560	4.8363	7.9200e-003		0.2179	0.2179		0.2179	0.2179		750.5281	750.5281	0.0489		751.7497
Total	**21.3948**	**3.7560**	**4.8363**	**7.9200e-003**		**0.2179**	**0.2179**		**0.2179**	**0.2179**		**750.5281**	**750.5281**	**0.0489**		**751.7497**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**2.1900**	**9.9000e-004**	**2.1910**	**0.2289**	**9.3000e-004**	**0.2299**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	20.8494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5454	3.7560	4.8363	7.9200e-003		0.2179	0.2179		0.2179	0.2179	0.0000	750.5281	750.5281	0.0489		751.7497
Total	**21.3948**	**3.7560**	**4.8363**	**7.9200e-003**		**0.2179**	**0.2179**		**0.2179**	**0.2179**	**0.0000**	**750.5281**	**750.5281**	**0.0489**		**751.7497**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.6283	7.7000e-004	0.6291	0.0677	7.3000e-004	0.0685		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**1.5507**	**9.9000e-004**	**1.5517**	**0.1651**	**9.3000e-004**	**0.1661**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

3.5 P2 Site Preparation (mo. 1) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.8441	7.6453	8.0265	0.0127		0.4440	0.4440		0.4221	0.4221		1,200.8916	1,200.8916	0.2076		1,206.0813
Total	**0.8441**	**7.6453**	**8.0265**	**0.0127**	**0.0000**	**0.4440**	**0.4440**	**0.0000**	**0.4221**	**0.4221**		**1,200.8916**	**1,200.8916**	**0.2076**		**1,206.0813**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0223	0.0138	0.1388	4.4000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.1000e-004	0.2035		44.1915	44.1915	1.2100e-003		44.2217
Total	**0.0342**	**0.3974**	**0.2482**	**1.4800e-003**	**2.8419**	**1.1000e-003**	**2.8430**	**0.2967**	**1.0400e-003**	**0.2977**		**156.6326**	**156.6326**	**9.7700e-003**		**156.8768**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.8441	7.6453	8.0265	0.0127		0.4440	0.4440		0.4221	0.4221	0.0000	1,200.8916	1,200.8916	0.2076		1,206.0813
Total	**0.8441**	**7.6453**	**8.0265**	**0.0127**	**0.0000**	**0.4440**	**0.4440**	**0.0000**	**0.4221**	**0.4221**	**0.0000**	**1,200.8916**	**1,200.8916**	**0.2076**		**1,206.0813**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.6283	7.7000e-004	0.6291	0.0677	7.3000e-004	0.0685		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0223	0.0138	0.1388	4.4000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.1000e-004	0.1464		44.1915	44.1915	1.2100e-003		44.2217
Total	**0.0342**	**0.3974**	**0.2482**	**1.4800e-003**	**2.0119**	**1.1000e-003**	**2.0130**	**0.2138**	**1.0400e-003**	**0.2149**		**156.6326**	**156.6326**	**9.7700e-003**		**156.8768**

3.6 P1 Building Construction 2 (mo. 5) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2402	2.7771	3.9840	6.2300e-003		0.1005	0.1005		0.0936	0.0936		584.6621	584.6621	0.1780		589.1120
Total	**0.2402**	**2.7771**	**3.9840**	**6.2300e-003**		**0.1005**	**0.1005**		**0.0936**	**0.0936**		**584.6621**	**584.6621**	**0.1780**		**589.1120**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0223	0.0138	0.1388	4.4000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.1000e-004	0.2035		44.1915	44.1915	1.2100e-003		44.2217
Total	**0.0342**	**0.3974**	**0.2482**	**1.4800e-003**	**2.8419**	**1.1000e-003**	**2.8430**	**0.2967**	**1.0400e-003**	**0.2977**		**156.6326**	**156.6326**	**9.7700e-003**		**156.8768**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2402	2.7771	3.9840	6.2300e-003		0.1005	0.1005		0.0936	0.0936	0.0000	584.6621	584.6621	0.1780		589.1120
Total	**0.2402**	**2.7771**	**3.9840**	**6.2300e-003**		**0.1005**	**0.1005**		**0.0936**	**0.0936**	**0.0000**	**584.6621**	**584.6621**	**0.1780**		**589.1120**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.6283	7.7000e-004	0.6291	0.0677	7.3000e-004	0.0685		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0223	0.0138	0.1388	4.4000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.1000e-004	0.1464		44.1915	44.1915	1.2100e-003		44.2217
Total	**0.0342**	**0.3974**	**0.2482**	**1.4800e-003**	**2.0119**	**1.1000e-003**	**2.0130**	**0.2138**	**1.0400e-003**	**0.2149**		**156.6326**	**156.6326**	**9.7700e-003**		**156.8768**

3.7 P2 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173
Total	**0.2571**	**2.9351**	**4.5186**	**6.5600e-003**		**0.1208**	**0.1208**		**0.1111**	**0.1111**		**635.3800**	**635.3800**	**0.2055**		**640.5173**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.8419**	**7.1000e-004**	**2.8426**	**0.2967**	**6.6000e-004**	**0.2973**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111	0.0000	635.3800	635.3800	0.2055		640.5173
Total	**0.2571**	**2.9351**	**4.5186**	**6.5600e-003**		**0.1208**	**0.1208**		**0.1111**	**0.1111**	**0.0000**	**635.3800**	**635.3800**	**0.2055**		**640.5173**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.0119**	**7.1000e-004**	**2.0126**	**0.2138**	**6.6000e-004**	**0.2145**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.8 P2 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	28.4458					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507
Total	**28.9568**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**		**750.5281**	**750.5281**	**0.0449**		**751.6507**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.8419**	**7.1000e-004**	**2.8426**	**0.2967**	**6.6000e-004**	**0.2973**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	28.4458					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889	0.0000	750.5281	750.5281	0.0449		751.6507
Total	**28.9568**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**	**0.0000**	**750.5281**	**750.5281**	**0.0449**		**751.6507**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.0119**	**7.1000e-004**	**2.0126**	**0.2138**	**6.6000e-004**	**0.2145**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.9 P3 Site Preparation (mo. 1) - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7983	7.2189	8.0111	0.0127		0.4027	0.4027		0.3824	0.3824		1,201.2370	1,201.2370	0.2044		1,206.3473
Total	**0.7983**	**7.2189**	**8.0111**	**0.0127**	**0.0000**	**0.4027**	**0.4027**	**0.0000**	**0.3824**	**0.3824**		**1,201.2370**	**1,201.2370**	**0.2044**		**1,206.3473**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.8419**	**7.1000e-004**	**2.8426**	**0.2967**	**6.6000e-004**	**0.2973**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7983	7.2189	8.0111	0.0127		0.4027	0.4027		0.3824	0.3824	0.0000	1,201.2370	1,201.2370	0.2044		1,206.3473
Total	**0.7983**	**7.2189**	**8.0111**	**0.0127**	**0.0000**	**0.4027**	**0.4027**	**0.0000**	**0.3824**	**0.3824**	**0.0000**	**1,201.2370**	**1,201.2370**	**0.2044**		**1,206.3473**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.0119**	**7.1000e-004**	**2.0126**	**0.2138**	**6.6000e-004**	**0.2145**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.10 P2 Building Construction 2 (mo. 5) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826		584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**		**584.8060**	**584.8060**	**0.1780**		**589.2571**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.8419**	**7.1000e-004**	**2.8426**	**0.2967**	**6.6000e-004**	**0.2973**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826	0.0000	584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**	**0.0000**	**584.8060**	**584.8060**	**0.1780**		**589.2571**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.0119**	**7.1000e-004**	**2.0126**	**0.2138**	**6.6000e-004**	**0.2145**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.11 P3 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173
Total	**0.2571**	**2.9351**	**4.5186**	**6.5600e-003**		**0.1208**	**0.1208**		**0.1111**	**0.1111**		**635.3800**	**635.3800**	**0.2055**		**640.5173**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.8419**	**7.1000e-004**	**2.8426**	**0.2967**	**6.6000e-004**	**0.2973**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111	0.0000	635.3800	635.3800	0.2055		640.5173
Total	**0.2571**	**2.9351**	**4.5186**	**6.5600e-003**		**0.1208**	**0.1208**		**0.1111**	**0.1111**	**0.0000**	**635.3800**	**635.3800**	**0.2055**		**640.5173**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.0119**	**7.1000e-004**	**2.0126**	**0.2138**	**6.6000e-004**	**0.2145**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.12 P3 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	33.0117					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507
Total	**33.5228**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**		**750.5281**	**750.5281**	**0.0449**		**751.6507**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.8419**	**7.1000e-004**	**2.8426**	**0.2967**	**6.6000e-004**	**0.2973**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	33.0117					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889	0.0000	750.5281	750.5281	0.0449		751.6507
Total	**33.5228**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**	**0.0000**	**750.5281**	**750.5281**	**0.0449**		**751.6507**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.0119**	**7.1000e-004**	**2.0126**	**0.2138**	**6.6000e-004**	**0.2145**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.13 P4 Site Preparation (mo. 1) - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7983	7.2189	8.0111	0.0127		0.4027	0.4027		0.3824	0.3824		1,201.2370	1,201.2370	0.2044		1,206.3473
Total	**0.7983**	**7.2189**	**8.0111**	**0.0127**	**0.0000**	**0.4027**	**0.4027**	**0.0000**	**0.3824**	**0.3824**		**1,201.2370**	**1,201.2370**	**0.2044**		**1,206.3473**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.8419**	**7.1000e-004**	**2.8426**	**0.2967**	**6.6000e-004**	**0.2973**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7983	7.2189	8.0111	0.0127		0.4027	0.4027		0.3824	0.3824	0.0000	1,201.2370	1,201.2370	0.2044		1,206.3473
Total	**0.7983**	**7.2189**	**8.0111**	**0.0127**	**0.0000**	**0.4027**	**0.4027**	**0.0000**	**0.3824**	**0.3824**	**0.0000**	**1,201.2370**	**1,201.2370**	**0.2044**		**1,206.3473**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.0119**	**7.1000e-004**	**2.0126**	**0.2138**	**6.6000e-004**	**0.2145**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.14 P3 Building Construction 2 (mo. 5) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826		584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**		**584.8060**	**584.8060**	**0.1780**		**589.2571**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.8419**	**7.1000e-004**	**2.8426**	**0.2967**	**6.6000e-004**	**0.2973**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826	0.0000	584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**	**0.0000**	**584.8060**	**584.8060**	**0.1780**		**589.2571**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.0119**	**7.1000e-004**	**2.0126**	**0.2138**	**6.6000e-004**	**0.2145**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.15 P4 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173
Total	**0.2571**	**2.9351**	**4.5186**	**6.5600e-003**		**0.1208**	**0.1208**		**0.1111**	**0.1111**		**635.3800**	**635.3800**	**0.2055**		**640.5173**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.8419**	**7.1000e-004**	**2.8426**	**0.2967**	**6.6000e-004**	**0.2973**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111	0.0000	635.3800	635.3800	0.2055		640.5173
Total	**0.2571**	**2.9351**	**4.5186**	**6.5600e-003**		**0.1208**	**0.1208**		**0.1111**	**0.1111**	**0.0000**	**635.3800**	**635.3800**	**0.2055**		**640.5173**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.0119**	**7.1000e-004**	**2.0126**	**0.2138**	**6.6000e-004**	**0.2145**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.16 P4 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	35.5572					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507
Total	**36.0683**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**		**750.5281**	**750.5281**	**0.0449**		**751.6507**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.8419**	**7.1000e-004**	**2.8426**	**0.2967**	**6.6000e-004**	**0.2973**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	35.5572					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889	0.0000	750.5281	750.5281	0.0449		751.6507
Total	**36.0683**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**	**0.0000**	**750.5281**	**750.5281**	**0.0449**		**751.6507**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.0119**	**7.1000e-004**	**2.0126**	**0.2138**	**6.6000e-004**	**0.2145**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.17 P5 Site Preparation (mo. 1) - 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					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**1.1818**	**11.8719**	**9.7037**	**0.0194**	**0.5303**	**0.5535**	**1.0837**	**0.0573**	**0.5211**	**0.5784**		**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.8419**	**7.1000e-004**	**2.8426**	**0.2967**	**6.6000e-004**	**0.2973**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**1.1818**	**11.8719**	**9.7037**	**0.0194**	**0.2068**	**0.5535**	**0.7603**	**0.0223**	**0.5211**	**0.5435**	**0.0000**	**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.0119**	**7.1000e-004**	**2.0126**	**0.2138**	**6.6000e-004**	**0.2145**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.18 P4 Building Construction 2 (mo. 5) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826		584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**		**584.8060**	**584.8060**	**0.1780**		**589.2571**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.8419**	**7.1000e-004**	**2.8426**	**0.2967**	**6.6000e-004**	**0.2973**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826	0.0000	584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**	**0.0000**	**584.8060**	**584.8060**	**0.1780**		**589.2571**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.6283	3.8000e-004	0.6287	0.0677	3.6000e-004	0.0681		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.0119**	**7.1000e-004**	**2.0126**	**0.2138**	**6.6000e-004**	**0.2145**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.19 P5 Building Construction 1 (mo. 2-4) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990		635.5030	635.5030	0.2055		640.6413
Total	**0.2463**	**2.7985**	**4.5247**	**6.5700e-003**		**0.1076**	**0.1076**		**0.0990**	**0.0990**		**635.5030**	**635.5030**	**0.2055**		**640.6413**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.5000e-004**	**0.2973**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990	0.0000	635.5030	635.5030	0.2055		640.6413
Total	**0.2463**	**2.7985**	**4.5247**	**6.5700e-003**		**0.1076**	**0.1076**		**0.0990**	**0.0990**	**0.0000**	**635.5030**	**635.5030**	**0.2055**		**640.6413**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.6283	3.7000e-004	0.6287	0.0677	3.5000e-004	0.0681		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.5000e-004**	**0.2145**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

3.20 P5 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	35.5572					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	**36.0392**	**3.2501**	**4.8270**	**7.9200e-003**		**0.1624**	**0.1624**		**0.1624**	**0.1624**		**750.5281**	**750.5281**	**0.0423**		**751.5847**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.5000e-004**	**0.2973**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	35.5572					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624	0.0000	750.5281	750.5281	0.0423		751.5847
Total	**36.0392**	**3.2501**	**4.8270**	**7.9200e-003**		**0.1624**	**0.1624**		**0.1624**	**0.1624**	**0.0000**	**750.5281**	**750.5281**	**0.0423**		**751.5847**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.6283	3.7000e-004	0.6287	0.0677	3.5000e-004	0.0681		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.5000e-004**	**0.2145**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

3.21 P6 Site Preparation (mo. 1) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7670	6.9326	8.0048	0.0127		0.3768	0.3768		0.3572	0.3572		1,201.2782	1,201.2782	0.2033		1,206.3614
Total	**0.7670**	**6.9326**	**8.0048**	**0.0127**	**0.0000**	**0.3768**	**0.3768**	**0.0000**	**0.3572**	**0.3572**		**1,201.2782**	**1,201.2782**	**0.2033**		**1,206.3614**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.5000e-004**	**0.2973**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7670	6.9326	8.0048	0.0127		0.3768	0.3768		0.3572	0.3572	0.0000	1,201.2782	1,201.2782	0.2033		1,206.3614
Total	**0.7670**	**6.9326**	**8.0048**	**0.0127**	**0.0000**	**0.3768**	**0.3768**	**0.0000**	**0.3572**	**0.3572**	**0.0000**	**1,201.2782**	**1,201.2782**	**0.2033**		**1,206.3614**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.6283	3.7000e-004	0.6287	0.0677	3.5000e-004	0.0681		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.5000e-004**	**0.2145**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

3.22 P5 Building Construction 2 (mo. 5) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2235	2.5449	3.9819	6.2300e-003		0.0820	0.0820		0.0766	0.0766		584.8198	584.8198	0.1781		589.2710
Total	**0.2235**	**2.5449**	**3.9819**	**6.2300e-003**		**0.0820**	**0.0820**		**0.0766**	**0.0766**		**584.8198**	**584.8198**	**0.1781**		**589.2710**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.5000e-004**	**0.2973**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2235	2.5449	3.9819	6.2300e-003		0.0820	0.0820		0.0766	0.0766	0.0000	584.8198	584.8198	0.1781		589.2710
Total	**0.2235**	**2.5449**	**3.9819**	**6.2300e-003**		**0.0820**	**0.0820**		**0.0766**	**0.0766**	**0.0000**	**584.8198**	**584.8198**	**0.1781**		**589.2710**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.6283	3.7000e-004	0.6287	0.0677	3.5000e-004	0.0681		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.5000e-004**	**0.2145**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

3.23 P6 Building Construction 1 (mo. 2-4) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990		635.5030	635.5030	0.2055		640.6413
Total	**0.2463**	**2.7985**	**4.5247**	**6.5700e-003**		**0.1076**	**0.1076**		**0.0990**	**0.0990**		**635.5030**	**635.5030**	**0.2055**		**640.6413**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.5000e-004**	**0.2973**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990	0.0000	635.5030	635.5030	0.2055		640.6413
Total	**0.2463**	**2.7985**	**4.5247**	**6.5700e-003**		**0.1076**	**0.1076**		**0.0990**	**0.0990**	**0.0000**	**635.5030**	**635.5030**	**0.2055**		**640.6413**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.6283	3.7000e-004	0.6287	0.0677	3.5000e-004	0.0681		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.5000e-004**	**0.2145**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

3.24 P6 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	26.6152					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	**27.0972**	**3.2501**	**4.8270**	**7.9200e-003**		**0.1624**	**0.1624**		**0.1624**	**0.1624**		**750.5281**	**750.5281**	**0.0423**		**751.5847**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.5000e-004**	**0.2973**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	26.6152					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624	0.0000	750.5281	750.5281	0.0423		751.5847
Total	**27.0972**	**3.2501**	**4.8270**	**7.9200e-003**		**0.1624**	**0.1624**		**0.1624**	**0.1624**	**0.0000**	**750.5281**	**750.5281**	**0.0423**		**751.5847**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.6283	3.7000e-004	0.6287	0.0677	3.5000e-004	0.0681		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.5000e-004**	**0.2145**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

3.25 P7 Site Preparation (mo. 1) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7670	6.9326	8.0048	0.0127		0.3768	0.3768		0.3572	0.3572		1,201.2782	1,201.2782	0.2033		1,206.3614
Total	**0.7670**	**6.9326**	**8.0048**	**0.0127**	**0.0000**	**0.3768**	**0.3768**	**0.0000**	**0.3572**	**0.3572**		**1,201.2782**	**1,201.2782**	**0.2033**		**1,206.3614**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.5000e-004**	**0.2973**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7670	6.9326	8.0048	0.0127		0.3768	0.3768		0.3572	0.3572	0.0000	1,201.2782	1,201.2782	0.2033		1,206.3614
Total	**0.7670**	**6.9326**	**8.0048**	**0.0127**	**0.0000**	**0.3768**	**0.3768**	**0.0000**	**0.3572**	**0.3572**	**0.0000**	**1,201.2782**	**1,201.2782**	**0.2033**		**1,206.3614**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.6283	3.7000e-004	0.6287	0.0677	3.5000e-004	0.0681		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.5000e-004**	**0.2145**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

3.26 P6 Building Construction 2 (mo. 5) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2235	2.5449	3.9819	6.2300e-003		0.0820	0.0820		0.0766	0.0766		584.8198	584.8198	0.1781		589.2710
Total	**0.2235**	**2.5449**	**3.9819**	**6.2300e-003**		**0.0820**	**0.0820**		**0.0766**	**0.0766**		**584.8198**	**584.8198**	**0.1781**		**589.2710**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.5000e-004**	**0.2973**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2235	2.5449	3.9819	6.2300e-003		0.0820	0.0820		0.0766	0.0766	0.0000	584.8198	584.8198	0.1781		589.2710
Total	**0.2235**	**2.5449**	**3.9819**	**6.2300e-003**		**0.0820**	**0.0820**		**0.0766**	**0.0766**	**0.0000**	**584.8198**	**584.8198**	**0.1781**		**589.2710**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.6283	3.7000e-004	0.6287	0.0677	3.5000e-004	0.0681		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.5000e-004**	**0.2145**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

3.27 P7 Building Construction 1 (mo. 2-4) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990		635.5030	635.5030	0.2055		640.6413
Total	**0.2463**	**2.7985**	**4.5247**	**6.5700e-003**		**0.1076**	**0.1076**		**0.0990**	**0.0990**		**635.5030**	**635.5030**	**0.2055**		**640.6413**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.5000e-004**	**0.2973**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990	0.0000	635.5030	635.5030	0.2055		640.6413
Total	**0.2463**	**2.7985**	**4.5247**	**6.5700e-003**		**0.1076**	**0.1076**		**0.0990**	**0.0990**	**0.0000**	**635.5030**	**635.5030**	**0.2055**		**640.6413**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.6283	3.7000e-004	0.6287	0.0677	3.5000e-004	0.0681		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.5000e-004**	**0.2145**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

3.29 P8 Site Preparation (mo. 1) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.1216	11.0883	9.6613	0.0194		0.5115	0.5115		0.4811	0.4811		1,841.7857	1,841.7857	0.4105		1,852.0477
Total	**1.1216**	**11.0883**	**9.6613**	**0.0194**	**0.5303**	**0.5115**	**1.0418**	**0.0573**	**0.4811**	**0.5384**		**1,841.7857**	**1,841.7857**	**0.4105**		**1,852.0477**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0223**	**0.3052**	**0.1758**	**1.2800e-003**	**2.1900**	**5.8000e-004**	**2.1906**	**0.2289**	**5.5000e-004**	**0.2295**		**136.1632**	**136.1632**	**8.3700e-003**		**136.3724**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	1.1216	11.0883	9.6613	0.0194		0.5115	0.5115		0.4811	0.4811	0.0000	1,841.7857	1,841.7857	0.4105		1,852.0477
Total	**1.1216**	**11.0883**	**9.6613**	**0.0194**	**0.2068**	**0.5115**	**0.7183**	**0.0223**	**0.4811**	**0.5035**	**0.0000**	**1,841.7857**	**1,841.7857**	**0.4105**		**1,852.0477**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.6283	3.7000e-004	0.6287	0.0677	3.5000e-004	0.0681		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.9224	2.1000e-004	0.9226	0.0974	2.0000e-004	0.0976		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0223**	**0.3052**	**0.1758**	**1.2800e-003**	**1.5507**	**5.8000e-004**	**1.5513**	**0.1651**	**5.5000e-004**	**0.1657**		**136.1632**	**136.1632**	**8.3700e-003**		**136.3724**

3.30 P7 Building Construction 2 (mo. 5) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2235	2.5449	3.9819	6.2300e-003		0.0820	0.0820		0.0766	0.0766		584.8198	584.8198	0.1781		589.2710
Total	**0.2235**	**2.5449**	**3.9819**	**6.2300e-003**		**0.0820**	**0.0820**		**0.0766**	**0.0766**		**584.8198**	**584.8198**	**0.1781**		**589.2710**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.5000e-004**	**0.2973**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2235	2.5449	3.9819	6.2300e-003		0.0820	0.0820		0.0766	0.0766	0.0000	584.8198	584.8198	0.1781		589.2710
Total	**0.2235**	**2.5449**	**3.9819**	**6.2300e-003**		**0.0820**	**0.0820**		**0.0766**	**0.0766**	**0.0000**	**584.8198**	**584.8198**	**0.1781**		**589.2710**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.6283	3.7000e-004	0.6287	0.0677	3.5000e-004	0.0681		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		40.8307	40.8307	1.0100e-003		40.8560
Total	**0.0290**	**0.3090**	**0.2158**	**1.4200e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.5000e-004**	**0.2145**		**149.7735**	**149.7735**	**8.7000e-003**		**149.9911**

3.31 P8 Building Construction 1 (mo. 2-4) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139
Total	**0.2291**	**2.6194**	**4.5152**	**6.5700e-003**		**0.0902**	**0.0902**		**0.0830**	**0.0830**		**635.7734**	**635.7734**	**0.2056**		**640.9139**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.1202	26.1202	6.2000e-004		26.1358
Total	**0.0214**	**0.3003**	**0.1685**	**1.2600e-003**	**2.1900**	**5.6000e-004**	**2.1905**	**0.2289**	**5.3000e-004**	**0.2295**		**134.4109**	**134.4109**	**8.2200e-003**		**134.6165**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830	0.0000	635.7734	635.7734	0.2056		640.9139
Total	**0.2291**	**2.6194**	**4.5152**	**6.5700e-003**		**0.0902**	**0.0902**		**0.0830**	**0.0830**	**0.0000**	**635.7734**	**635.7734**	**0.2056**		**640.9139**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.6283	3.5000e-004	0.6287	0.0677	3.4000e-004	0.0681		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	0.9224	2.1000e-004	0.9226	0.0974	1.9000e-004	0.0976		26.1202	26.1202	6.2000e-004		26.1358
Total	**0.0214**	**0.3003**	**0.1685**	**1.2600e-003**	**1.5507**	**5.6000e-004**	**1.5512**	**0.1651**	**5.3000e-004**	**0.1657**		**134.4109**	**134.4109**	**8.2200e-003**		**134.6165**

3.32 P8 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	52.3876					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4556	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374		750.5281	750.5281	0.0409		751.5516
Total	**52.8433**	**3.0547**	**4.8244**	**7.9200e-003**		**0.1374**	**0.1374**		**0.1374**	**0.1374**		**750.5281**	**750.5281**	**0.0409**		**751.5516**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	6.4300e-003	3.5500e-003	0.0374	1.3000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.0601	13.0601	3.1000e-004		13.0679
Total	**0.0150**	**0.2967**	**0.1311**	**1.1300e-003**	**1.5381**	**4.6000e-004**	**1.5385**	**0.1612**	**4.4000e-004**	**0.1616**		**121.3508**	**121.3508**	**7.9100e-003**		**121.5486**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	52.3876					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4556	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374	0.0000	750.5281	750.5281	0.0409		751.5516
Total	**52.8433**	**3.0547**	**4.8244**	**7.9200e-003**		**0.1374**	**0.1374**		**0.1374**	**0.1374**	**0.0000**	**750.5281**	**750.5281**	**0.0409**		**751.5516**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.6283	3.5000e-004	0.6287	0.0677	3.4000e-004	0.0681		108.2907	108.2907	7.6000e-003		108.4807
Worker	6.4300e-003	3.5500e-003	0.0374	1.3000e-004	0.4612	1.1000e-004	0.4613	0.0487	1.0000e-004	0.0488		13.0601	13.0601	3.1000e-004		13.0679
Total	**0.0150**	**0.2967**	**0.1311**	**1.1300e-003**	**1.0895**	**4.6000e-004**	**1.0900**	**0.1164**	**4.4000e-004**	**0.1169**		**121.3508**	**121.3508**	**7.9100e-003**		**121.5486**

3.33 P8 Building Construction 2 (mo. 5) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1886	2.3454	2.2032	7.3100e-003		0.0597	0.0597		0.0549	0.0549		707.1400	707.1400	0.2287		712.8576
Total	**0.1886**	**2.3454**	**2.2032**	**7.3100e-003**		**0.0597**	**0.0597**		**0.0549**	**0.0549**		**707.1400**	**707.1400**	**0.2287**		**712.8576**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.1202	26.1202	6.2000e-004		26.1358
Total	**0.0214**	**0.3003**	**0.1685**	**1.2600e-003**	**2.1900**	**5.6000e-004**	**2.1905**	**0.2289**	**5.3000e-004**	**0.2295**		**134.4109**	**134.4109**	**8.2200e-003**		**134.6165**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1886	2.3454	2.2032	7.3100e-003		0.0597	0.0597		0.0549	0.0549	0.0000	707.1400	707.1400	0.2287		712.8576
Total	**0.1886**	**2.3454**	**2.2032**	**7.3100e-003**		**0.0597**	**0.0597**		**0.0549**	**0.0549**	**0.0000**	**707.1400**	**707.1400**	**0.2287**		**712.8576**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.6283	3.5000e-004	0.6287	0.0677	3.4000e-004	0.0681		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	0.9224	2.1000e-004	0.9226	0.0974	1.9000e-004	0.0976		26.1202	26.1202	6.2000e-004		26.1358
Total	**0.0214**	**0.3003**	**0.1685**	**1.2600e-003**	**1.5507**	**5.6000e-004**	**1.5512**	**0.1651**	**5.3000e-004**	**0.1657**		**134.4109**	**134.4109**	**8.2200e-003**		**134.6165**

North Village Residential LEA

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	0.00	1,244,556.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2025
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 1

Land Use - North Residential total square feet

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Area Coating - Operational Emissions Modeled Separately

Energy Use -

Construction Off-road Equipment Mitigation - Refer to CalEEMod Input Matrix Table 32 and 33

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Residential_Exterior	840078	0
tblAreaCoating	Area_Residential_Interior	2520234	0
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-13
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-14
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblGrading	AcresOfGrading	11.00	10.50
tblLandUse	BuildingSpaceSquareFeet	0.00	1,244,556.00
tblLandUse	LandUseSquareFeet	0.00	1,244,556.00
tblOffRoadEquipment	HorsePower	9.00	97.00
tblOffRoadEquipment	HorsePower	100.00	231.00
tblOffRoadEquipment	HorsePower	65.00	89.00
tblOffRoadEquipment	LoadFactor	0.56	0.37
tblOffRoadEquipment	LoadFactor	0.40	0.29
tblOffRoadEquipment	LoadFactor	0.37	0.20
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00

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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00

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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
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tblOffRoadEquipment	PhaseName		P3 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P8 Site Preparation (mo. 1)
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tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P6 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P7 Building Construction 2 (mo. 5)
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tblOffRoadEquipment	PhaseName		P1 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P3 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P2 Building Construction 2 (mo. 5)
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tblOffRoadEquipment	PhaseName		P8 Site Preparation (mo. 1)
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tblOffRoadEquipment	PhaseName		P6 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P2 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P3 Site Preparation (mo. 1)
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tblOffRoadEquipment	PhaseName		P3 Building Construction 2 (mo. 5)
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tblOffRoadEquipment	PhaseName		P8 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P1 Building Construction 1 (mo. 2-4)
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tblOffRoadEquipment	PhaseName		P6 Building Construction 2 (mo. 5)
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tblOffRoadEquipment	PhaseName		P7 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P1 Building Construction 2 (mo. 5)
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tblOffRoadEquipment	PhaseName		P3 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P8 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P5 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P4 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P8 Building Construction 2 (mo. 5)
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tblOffRoadEquipment	PhaseName		P5 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P6 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P7 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P2 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P1 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P3 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P2 Building Construction 2 (mo. 5)
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tblOffRoadEquipment	PhaseName		P8 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P5 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P6 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)

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tblOffRoadEquipment	UsageHours	6.00	8.00
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tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
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tblOnRoadDust	HaulingPercentPave	100.00	0.00
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tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00

tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
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tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	Worker

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tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
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tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
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tblTripsAndVMT	VendorTripNumber	0.00	4.00

tblTripsAndVMT	VendorTripNumber	0.00	4.00
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tblTripsAndVMT	WorkerTripNumber	13.00	6.00
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tblTripsAndVMT	WorkerTripNumber	10.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00
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tblTripsAndVMT	WorkerTripNumber	10.00	6.00

tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	0.00	6.00
tblTripsAndVMT	WorkerTripNumber	10.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	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	22.5653	15.3659	17.5363	0.0313	7.8737	0.7654	8.6392	0.8222	0.7364	1.5587	0.0000	3,007.9478	3,007.9478	0.4621	0.0000	3,019.4998
2023	37.5614	18.9216	19.1970	0.0380	9.0559	0.8329	9.8888	0.9472	0.7945	1.7417	0.0000	3,650.8288	3,650.8288	0.6603	0.0000	3,667.3365
2024	37.1077	14.2479	17.4610	0.0313	8.5256	0.6232	9.1489	0.8900	0.5981	1.4880	0.0000	3,002.5060	3,002.5060	0.6050	0.0000	3,013.7255
2025	53.1054	6.2726	9.6307	0.0177	3.7280	0.2285	3.9565	0.3901	0.2212	0.6114	0.0000	1,721.6292	1,721.6292	0.2851	0.0000	1,728.7568
Maximum	**53.1054**	**18.9216**	**19.1970**	**0.0380**	**9.0559**	**0.8329**	**9.8888**	**0.9472**	**0.7945**	**1.7417**	**0.0000**	**3,650.8288**	**3,650.8288**	**0.6603**	**0.0000**	**3,667.3365**

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	22.5653	15.3659	17.5363	0.0313	5.5744	0.7654	6.3398	0.5928	0.7364	1.3292	0.0000	3,007.9478	3,007.9478	0.4621	0.0000	3,019.4998
2023	37.5614	18.9216	19.1970	0.0380	6.2424	0.8329	7.0752	0.6638	0.7945	1.4583	0.0000	3,650.8288	3,650.8288	0.6603	0.0000	3,667.3365
2024	37.1077	14.2479	17.4610	0.0313	6.0356	0.6232	6.6588	0.6415	0.5981	1.2396	0.0000	3,002.5060	3,002.5060	0.6050	0.0000	3,013.7255
2025	53.1054	6.2726	9.6307	0.0177	2.6402	0.2285	2.8687	0.2816	0.2212	0.5028	0.0000	1,721.6292	1,721.6292	0.2851	0.0000	1,728.7568
Maximum	**53.1054**	**18.9216**	**19.1970**	**0.0380**	**6.2424**	**0.8329**	**7.0752**	**0.6638**	**0.7945**	**1.4583**	**0.0000**	**3,650.8288**	**3,650.8288**	**0.6603**	**0.0000**	**3,667.3365**

	ROG	NOx	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**	**29.78**	**0.00**	**27.47**	**28.53**	**0.00**	**16.11**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.4700e-003	9.5000e-004	0.0824	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**2.4700e-003**	**9.5000e-004**	**0.0824**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.4700e-003	9.5000e-004	0.0824	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**2.4700e-003**	**9.5000e-004**	**0.0824**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

	ROG	NOx	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	P1 Site Preparation (mo. 1)	Site Preparation	8/1/2022	8/31/2022	5	23	
2	P1 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2022	11/30/2022	5	65	
3	P1 Architectural Coating	Architectural Coating	11/1/2022	12/31/2022	5	44	
4	P2 Site Preparation (mo. 1)	Site Preparation	12/1/2022	12/31/2022	5	22	
5	P1 Building Construction 2 (mo. 5)	Building Construction	12/1/2022	12/31/2022	5	22	
6	P2 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2023	3/31/2023	5	65	
7	P2 Architectural Coating	Architectural Coating	3/1/2023	4/30/2023	5	43	
8	P3 Site Preparation (mo. 1)	Site Preparation	4/1/2023	4/30/2023	5	20	
9	P2 Building Construction 2 (mo. 5)	Building Construction	4/1/2023	4/30/2023	5	20	
10	P3 Building Construction 1 (mo. 2-4)	Building Construction	5/1/2023	7/31/2023	5	66	
11	P3 Architectural Coating	Architectural Coating	7/1/2023	8/31/2023	5	44	
12	P4 Site Preparation (mo. 1)	Site Preparation	8/1/2023	8/30/2023	5	22	
13	P3 Building Construction 2 (mo. 5)	Building Construction	8/1/2023	8/31/2023	5	23	
14	P4 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2023	11/30/2023	5	65	
15	P4 Architectural Coating	Architectural Coating	11/1/2023	12/31/2023	5	43	

16	P5 Site Preparation (mo. 1)	Site Preparation	12/1/2023	12/31/2023	5	21	
17	P4 Building Construction 2 (mo. 5)	Building Construction	12/1/2023	12/31/2023	5	21	
18	P5 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2024	3/31/2024	5	65	
19	P5 Architectural Coating	Architectural Coating	3/1/2024	4/30/2024	5	43	
20	P6 Site Preparation (mo. 1)	Site Preparation	4/1/2024	4/30/2024	5	22	
21	P5 Building Construction 2 (mo. 5)	Building Construction	4/1/2024	4/30/2024	5	22	
22	P6 Building Construction 1 (mo. 2-4)	Building Construction	5/1/2024	7/31/2024	5	66	
23	P6 Architectural Coating	Architectural Coating	7/1/2024	8/31/2024	5	45	
24	P7 Site Preparation (mo. 1)	Site Preparation	8/1/2024	8/31/2024	5	22	
25	P6 Building Construction 2 (mo. 5)	Building Construction	8/1/2024	8/31/2024	5	22	
26	P7 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2024	11/30/2024	5	65	
27	P7 Architectural Coating	Architectural Coating	11/1/2024	12/31/2024	5	43	
28	P8 Site Preparation (mo. 1)	Site Preparation	12/1/2024	12/31/2024	5	22	
29	P7 Building Construction 2 (mo. 5)	Building Construction	12/1/2024	12/31/2024	5	22	
30	P8 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2025	3/31/2025	5	64	
31	P8 Architectural Coating	Architectural Coating	3/1/2025	4/30/2025	5	43	
32	P8 Building Construction 2 (mo. 5)	Building Construction	4/1/2025	4/30/2025	5	22	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 400,245; Residential Outdoor: 285,890; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P8 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P8 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P8 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P8 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P8 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P8 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P8 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P8 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	97	0.37
P8 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	231	0.29
P8 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	89	0.20
P8 Architectural Coating	Air Compressors	2	8.00	78	0.48
P1 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P1 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P1 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P1 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P1 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P1 Architectural Coating	Air Compressors	2	8.00	78	0.48
P2 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P2 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P2 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P2 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P1 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P1 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P2 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P2 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P2 Architectural Coating	Air Compressors	2	8.00	78	0.48
P3 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56

P3 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P3 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P3 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P2 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P2 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P2 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P3 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P3 Architectural Coating	Air Compressors	2	8.00	78	0.48
P4 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P4 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P4 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P3 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P4 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P4 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P4 Architectural Coating	Air Compressors	2	8.00	78	0.48
P5 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P5 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P5 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P5 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P4 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P4 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P5 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P5 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P5 Architectural Coating	Air Compressors	2	8.00	78	0.48
P6 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P6 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74

P6 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P6 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P5 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P5 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P6 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P6 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P6 Architectural Coating	Air Compressors	2	8.00	78	0.48
P7 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P7 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P7 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P6 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P6 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P6 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P7 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P7 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P7 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P7 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	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
P8 Site Preparation (mo. 1)	5	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 1 (mo. 2-	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 2 (mo. 5)	3	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Site Preparation (mo. 1)	4	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 1 (mo. 2-	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Architectural Coating	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Site Preparation (mo. 1)	4	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 2 (mo. 5)	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 1 (mo. 2-	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Architectural Coating	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Site Preparation (mo. 1)	4	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 2 (mo. 5)	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 1 (mo. 2-	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Architectural Coating	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Site Preparation (mo. 1)	4	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 2 (mo. 5)	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

P4 Building Construction 1 (mo. 2-	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Architectural Coating	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Site Preparation (mo. 1)	5	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 2 (mo. 5)	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 1 (mo. 2-	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Architectural Coating	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Site Preparation (mo. 1)	4	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 2 (mo. 5)	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 1 (mo. 2-	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Architectural Coating	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Site Preparation (mo. 1)	4	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 2 (mo. 5)	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 1 (mo. 2-	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 2 (mo. 5)	3	6.00	4.00	0.00	10.80	7.30	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 P1 Site Preparation (mo. 1) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.8441	7.6453	8.0265	0.0127		0.4440	0.4440		0.4221	0.4221		1,200.8916	1,200.8916	0.2076		1,206.0813
Total	**0.8441**	**7.6453**	**8.0265**	**0.0127**	**0.0000**	**0.4440**	**0.4440**	**0.0000**	**0.4221**	**0.4221**		**1,200.8916**	**1,200.8916**	**0.2076**		**1,206.0813**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**2.1900**	**9.6000e-004**	**2.1909**	**0.2289**	**9.0000e-004**	**0.2298**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.8441	7.6453	8.0265	0.0127		0.4440	0.4440		0.4221	0.4221	0.0000	1,200.8916	1,200.8916	0.2076		1,206.0813
Total	**0.8441**	**7.6453**	**8.0265**	**0.0127**	**0.0000**	**0.4440**	**0.4440**	**0.0000**	**0.4221**	**0.4221**	**0.0000**	**1,200.8916**	**1,200.8916**	**0.2076**		**1,206.0813**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.6283	7.4000e-004	0.6291	0.0677	7.0000e-004	0.0684		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**1.5507**	**9.6000e-004**	**1.5516**	**0.1651**	**9.0000e-004**	**0.1660**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

3.3 P1 Building Construction 1 (mo. 2-4) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2766	3.1560	4.5263	6.5600e-003		0.1417	0.1417		0.1304	0.1304		634.9934	634.9934	0.2054		640.1277
Total	**0.2766**	**3.1560**	**4.5263**	**6.5600e-003**		**0.1417**	**0.1417**		**0.1304**	**0.1304**		**634.9934**	**634.9934**	**0.2054**		**640.1277**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**2.1900**	**9.6000e-004**	**2.1909**	**0.2289**	**9.0000e-004**	**0.2298**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2766	3.1560	4.5263	6.5600e-003		0.1417	0.1417		0.1304	0.1304	0.0000	634.9934	634.9934	0.2054		640.1277
Total	**0.2766**	**3.1560**	**4.5263**	**6.5600e-003**		**0.1417**	**0.1417**		**0.1304**	**0.1304**	**0.0000**	**634.9934**	**634.9934**	**0.2054**		**640.1277**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.6283	7.4000e-004	0.6291	0.0677	7.0000e-004	0.0684		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**1.5507**	**9.6000e-004**	**1.5516**	**0.1651**	**9.0000e-004**	**0.1660**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

3.4 P1 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	20.8494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5454	3.7560	4.8363	7.9200e-003		0.2179	0.2179		0.2179	0.2179		750.5281	750.5281	0.0489		751.7497
Total	**21.3948**	**3.7560**	**4.8363**	**7.9200e-003**		**0.2179**	**0.2179**		**0.2179**	**0.2179**		**750.5281**	**750.5281**	**0.0489**		**751.7497**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**2.1900**	**9.6000e-004**	**2.1909**	**0.2289**	**9.0000e-004**	**0.2298**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	20.8494					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5454	3.7560	4.8363	7.9200e-003		0.2179	0.2179		0.2179	0.2179	0.0000	750.5281	750.5281	0.0489		751.7497
Total	**21.3948**	**3.7560**	**4.8363**	**7.9200e-003**		**0.2179**	**0.2179**		**0.2179**	**0.2179**	**0.0000**	**750.5281**	**750.5281**	**0.0489**		**751.7497**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.6283	7.4000e-004	0.6291	0.0677	7.0000e-004	0.0684		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.9224	2.2000e-004	0.9226	0.0974	2.0000e-004	0.0976		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**1.5507**	**9.6000e-004**	**1.5516**	**0.1651**	**9.0000e-004**	**0.1660**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

3.5 P2 Site Preparation (mo. 1) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.8441	7.6453	8.0265	0.0127		0.4440	0.4440		0.4221	0.4221		1,200.8916	1,200.8916	0.2076		1,206.0813
Total	**0.8441**	**7.6453**	**8.0265**	**0.0127**	**0.0000**	**0.4440**	**0.4440**	**0.0000**	**0.4221**	**0.4221**		**1,200.8916**	**1,200.8916**	**0.2076**		**1,206.0813**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0196	0.0123	0.1480	4.7000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.1000e-004	0.2035		47.0736	47.0736	1.2800e-003		47.1056
Total	**0.0309**	**0.3972**	**0.2463**	**1.5400e-003**	**2.8419**	**1.0700e-003**	**2.8430**	**0.2967**	**1.0100e-003**	**0.2977**		**162.5191**	**162.5191**	**9.3500e-003**		**162.7529**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.8441	7.6453	8.0265	0.0127		0.4440	0.4440		0.4221	0.4221	0.0000	1,200.8916	1,200.8916	0.2076		1,206.0813
Total	**0.8441**	**7.6453**	**8.0265**	**0.0127**	**0.0000**	**0.4440**	**0.4440**	**0.0000**	**0.4221**	**0.4221**	**0.0000**	**1,200.8916**	**1,200.8916**	**0.2076**		**1,206.0813**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.6283	7.4000e-004	0.6291	0.0677	7.0000e-004	0.0684		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0196	0.0123	0.1480	4.7000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.1000e-004	0.1464		47.0736	47.0736	1.2800e-003		47.1056
Total	**0.0309**	**0.3972**	**0.2463**	**1.5400e-003**	**2.0119**	**1.0700e-003**	**2.0129**	**0.2138**	**1.0100e-003**	**0.2148**		**162.5191**	**162.5191**	**9.3500e-003**		**162.7529**

3.6 P1 Building Construction 2 (mo. 5) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2402	2.7771	3.9840	6.2300e-003		0.1005	0.1005		0.0936	0.0936		584.6621	584.6621	0.1780		589.1120
Total	**0.2402**	**2.7771**	**3.9840**	**6.2300e-003**		**0.1005**	**0.1005**		**0.0936**	**0.0936**		**584.6621**	**584.6621**	**0.1780**		**589.1120**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0196	0.0123	0.1480	4.7000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.1000e-004	0.2035		47.0736	47.0736	1.2800e-003		47.1056
Total	**0.0309**	**0.3972**	**0.2463**	**1.5400e-003**	**2.8419**	**1.0700e-003**	**2.8430**	**0.2967**	**1.0100e-003**	**0.2977**		**162.5191**	**162.5191**	**9.3500e-003**		**162.7529**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2402	2.7771	3.9840	6.2300e-003		0.1005	0.1005		0.0936	0.0936	0.0000	584.6621	584.6621	0.1780		589.1120
Total	**0.2402**	**2.7771**	**3.9840**	**6.2300e-003**		**0.1005**	**0.1005**		**0.0936**	**0.0936**	**0.0000**	**584.6621**	**584.6621**	**0.1780**		**589.1120**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.6283	7.4000e-004	0.6291	0.0677	7.0000e-004	0.0684		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0196	0.0123	0.1480	4.7000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.1000e-004	0.1464		47.0736	47.0736	1.2800e-003		47.1056
Total	**0.0309**	**0.3972**	**0.2463**	**1.5400e-003**	**2.0119**	**1.0700e-003**	**2.0129**	**0.2138**	**1.0100e-003**	**0.2148**		**162.5191**	**162.5191**	**9.3500e-003**		**162.7529**

3.7 P2 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173
Total	**0.2571**	**2.9351**	**4.5186**	**6.5600e-003**		**0.1208**	**0.1208**		**0.1111**	**0.1111**		**635.3800**	**635.3800**	**0.2055**		**640.5173**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.4000e-004**	**0.2973**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111	0.0000	635.3800	635.3800	0.2055		640.5173
Total	**0.2571**	**2.9351**	**4.5186**	**6.5600e-003**		**0.1208**	**0.1208**		**0.1111**	**0.1111**	**0.0000**	**635.3800**	**635.3800**	**0.2055**		**640.5173**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.4000e-004**	**0.2145**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.8 P2 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	28.4458					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507
Total	**28.9568**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**		**750.5281**	**750.5281**	**0.0449**		**751.6507**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.4000e-004**	**0.2973**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	28.4458					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889	0.0000	750.5281	750.5281	0.0449		751.6507
Total	**28.9568**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**	**0.0000**	**750.5281**	**750.5281**	**0.0449**		**751.6507**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.4000e-004**	**0.2145**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.9 P3 Site Preparation (mo. 1) - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7983	7.2189	8.0111	0.0127		0.4027	0.4027		0.3824	0.3824		1,201.2370	1,201.2370	0.2044		1,206.3473
Total	**0.7983**	**7.2189**	**8.0111**	**0.0127**	**0.0000**	**0.4027**	**0.4027**	**0.0000**	**0.3824**	**0.3824**		**1,201.2370**	**1,201.2370**	**0.2044**		**1,206.3473**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.4000e-004**	**0.2973**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7983	7.2189	8.0111	0.0127		0.4027	0.4027		0.3824	0.3824	0.0000	1,201.2370	1,201.2370	0.2044		1,206.3473
Total	**0.7983**	**7.2189**	**8.0111**	**0.0127**	**0.0000**	**0.4027**	**0.4027**	**0.0000**	**0.3824**	**0.3824**	**0.0000**	**1,201.2370**	**1,201.2370**	**0.2044**		**1,206.3473**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.4000e-004**	**0.2145**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.10 P2 Building Construction 2 (mo. 5) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826		584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**		**584.8060**	**584.8060**	**0.1780**		**589.2571**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.4000e-004**	**0.2973**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826	0.0000	584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**	**0.0000**	**584.8060**	**584.8060**	**0.1780**		**589.2571**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.4000e-004**	**0.2145**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.11 P3 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173
Total	**0.2571**	**2.9351**	**4.5186**	**6.5600e-003**		**0.1208**	**0.1208**		**0.1111**	**0.1111**		**635.3800**	**635.3800**	**0.2055**		**640.5173**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.4000e-004**	**0.2973**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111	0.0000	635.3800	635.3800	0.2055		640.5173
Total	**0.2571**	**2.9351**	**4.5186**	**6.5600e-003**		**0.1208**	**0.1208**		**0.1111**	**0.1111**	**0.0000**	**635.3800**	**635.3800**	**0.2055**		**640.5173**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.4000e-004**	**0.2145**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.12 P3 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	33.0117					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507
Total	**33.5228**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**		**750.5281**	**750.5281**	**0.0449**		**751.6507**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.4000e-004**	**0.2973**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	33.0117					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889	0.0000	750.5281	750.5281	0.0449		751.6507
Total	**33.5228**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**	**0.0000**	**750.5281**	**750.5281**	**0.0449**		**751.6507**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.4000e-004**	**0.2145**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.13 P4 Site Preparation (mo. 1) - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7983	7.2189	8.0111	0.0127		0.4027	0.4027		0.3824	0.3824		1,201.2370	1,201.2370	0.2044		1,206.3473
Total	**0.7983**	**7.2189**	**8.0111**	**0.0127**	**0.0000**	**0.4027**	**0.4027**	**0.0000**	**0.3824**	**0.3824**		**1,201.2370**	**1,201.2370**	**0.2044**		**1,206.3473**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.4000e-004**	**0.2973**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7983	7.2189	8.0111	0.0127		0.4027	0.4027		0.3824	0.3824	0.0000	1,201.2370	1,201.2370	0.2044		1,206.3473
Total	**0.7983**	**7.2189**	**8.0111**	**0.0127**	**0.0000**	**0.4027**	**0.4027**	**0.0000**	**0.3824**	**0.3824**	**0.0000**	**1,201.2370**	**1,201.2370**	**0.2044**		**1,206.3473**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.4000e-004**	**0.2145**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.14 P3 Building Construction 2 (mo. 5) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826		584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**		**584.8060**	**584.8060**	**0.1780**		**589.2571**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.4000e-004**	**0.2973**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826	0.0000	584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**	**0.0000**	**584.8060**	**584.8060**	**0.1780**		**589.2571**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.4000e-004**	**0.2145**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.15 P4 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173
Total	**0.2571**	**2.9351**	**4.5186**	**6.5600e-003**		**0.1208**	**0.1208**		**0.1111**	**0.1111**		**635.3800**	**635.3800**	**0.2055**		**640.5173**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.4000e-004**	**0.2973**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111	0.0000	635.3800	635.3800	0.2055		640.5173
Total	**0.2571**	**2.9351**	**4.5186**	**6.5600e-003**		**0.1208**	**0.1208**		**0.1111**	**0.1111**	**0.0000**	**635.3800**	**635.3800**	**0.2055**		**640.5173**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.4000e-004**	**0.2145**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.16 P4 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	35.5572					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507
Total	**36.0683**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**		**750.5281**	**750.5281**	**0.0449**		**751.6507**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.4000e-004**	**0.2973**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	35.5572					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889	0.0000	750.5281	750.5281	0.0449		751.6507
Total	**36.0683**	**3.4747**	**4.8296**	**7.9200e-003**		**0.1889**	**0.1889**		**0.1889**	**0.1889**	**0.0000**	**750.5281**	**750.5281**	**0.0449**		**751.6507**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.4000e-004**	**0.2145**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.17 P5 Site Preparation (mo. 1) - 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					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**1.1818**	**11.8719**	**9.7037**	**0.0194**	**0.5303**	**0.5535**	**1.0837**	**0.0573**	**0.5211**	**0.5784**		**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.4000e-004**	**0.2973**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	**1.1818**	**11.8719**	**9.7037**	**0.0194**	**0.2068**	**0.5535**	**0.7603**	**0.0223**	**0.5211**	**0.5435**	**0.0000**	**1,842.0921**	**1,842.0921**	**0.4117**		**1,852.3841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.4000e-004**	**0.2145**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.18 P4 Building Construction 2 (mo. 5) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826		584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**		**584.8060**	**584.8060**	**0.1780**		**589.2571**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.4000e-004**	**0.2973**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2296	2.6323	3.9810	6.2300e-003		0.0885	0.0885		0.0826	0.0826	0.0000	584.8060	584.8060	0.1780		589.2571
Total	**0.2296**	**2.6323**	**3.9810**	**6.2300e-003**		**0.0885**	**0.0885**		**0.0826**	**0.0826**	**0.0000**	**584.8060**	**584.8060**	**0.1780**		**589.2571**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.6283	3.6000e-004	0.6287	0.0677	3.4000e-004	0.0681		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.3835	3.3000e-004	1.3839	0.1461	3.0000e-004	0.1464		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.0119**	**6.9000e-004**	**2.0125**	**0.2138**	**6.4000e-004**	**0.2145**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.19 P5 Building Construction 1 (mo. 2-4) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990		635.5030	635.5030	0.2055		640.6413
Total	**0.2463**	**2.7985**	**4.5247**	**6.5700e-003**		**0.1076**	**0.1076**		**0.0990**	**0.0990**		**635.5030**	**635.5030**	**0.2055**		**640.6413**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.8419**	**6.7000e-004**	**2.8426**	**0.2967**	**6.3000e-004**	**0.2973**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990	0.0000	635.5030	635.5030	0.2055		640.6413
Total	**0.2463**	**2.7985**	**4.5247**	**6.5700e-003**		**0.1076**	**0.1076**		**0.0990**	**0.0990**	**0.0000**	**635.5030**	**635.5030**	**0.2055**		**640.6413**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.6283	3.5000e-004	0.6287	0.0677	3.3000e-004	0.0681		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.0119**	**6.7000e-004**	**2.0125**	**0.2138**	**6.3000e-004**	**0.2145**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

3.20 P5 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	35.5572					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	**36.0392**	**3.2501**	**4.8270**	**7.9200e-003**		**0.1624**	**0.1624**		**0.1624**	**0.1624**		**750.5281**	**750.5281**	**0.0423**		**751.5847**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.8419**	**6.7000e-004**	**2.8426**	**0.2967**	**6.3000e-004**	**0.2973**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	35.5572					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624	0.0000	750.5281	750.5281	0.0423		751.5847
Total	**36.0392**	**3.2501**	**4.8270**	**7.9200e-003**		**0.1624**	**0.1624**		**0.1624**	**0.1624**	**0.0000**	**750.5281**	**750.5281**	**0.0423**		**751.5847**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.6283	3.5000e-004	0.6287	0.0677	3.3000e-004	0.0681		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.0119**	**6.7000e-004**	**2.0125**	**0.2138**	**6.3000e-004**	**0.2145**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

3.21 P6 Site Preparation (mo. 1) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7670	6.9326	8.0048	0.0127		0.3768	0.3768		0.3572	0.3572		1,201.2782	1,201.2782	0.2033		1,206.3614
Total	**0.7670**	**6.9326**	**8.0048**	**0.0127**	**0.0000**	**0.3768**	**0.3768**	**0.0000**	**0.3572**	**0.3572**		**1,201.2782**	**1,201.2782**	**0.2033**		**1,206.3614**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.8419**	**6.7000e-004**	**2.8426**	**0.2967**	**6.3000e-004**	**0.2973**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7670	6.9326	8.0048	0.0127		0.3768	0.3768		0.3572	0.3572	0.0000	1,201.2782	1,201.2782	0.2033		1,206.3614
Total	**0.7670**	**6.9326**	**8.0048**	**0.0127**	**0.0000**	**0.3768**	**0.3768**	**0.0000**	**0.3572**	**0.3572**	**0.0000**	**1,201.2782**	**1,201.2782**	**0.2033**		**1,206.3614**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.6283	3.5000e-004	0.6287	0.0677	3.3000e-004	0.0681		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.0119**	**6.7000e-004**	**2.0125**	**0.2138**	**6.3000e-004**	**0.2145**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

3.22 P5 Building Construction 2 (mo. 5) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2235	2.5449	3.9819	6.2300e-003		0.0820	0.0820		0.0766	0.0766		584.8198	584.8198	0.1781		589.2710
Total	**0.2235**	**2.5449**	**3.9819**	**6.2300e-003**		**0.0820**	**0.0820**		**0.0766**	**0.0766**		**584.8198**	**584.8198**	**0.1781**		**589.2710**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.8419**	**6.7000e-004**	**2.8426**	**0.2967**	**6.3000e-004**	**0.2973**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2235	2.5449	3.9819	6.2300e-003		0.0820	0.0820		0.0766	0.0766	0.0000	584.8198	584.8198	0.1781		589.2710
Total	**0.2235**	**2.5449**	**3.9819**	**6.2300e-003**		**0.0820**	**0.0820**		**0.0766**	**0.0766**	**0.0000**	**584.8198**	**584.8198**	**0.1781**		**589.2710**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.6283	3.5000e-004	0.6287	0.0677	3.3000e-004	0.0681		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.0119**	**6.7000e-004**	**2.0125**	**0.2138**	**6.3000e-004**	**0.2145**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

3.23 P6 Building Construction 1 (mo. 2-4) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990		635.5030	635.5030	0.2055		640.6413
Total	**0.2463**	**2.7985**	**4.5247**	**6.5700e-003**		**0.1076**	**0.1076**		**0.0990**	**0.0990**		**635.5030**	**635.5030**	**0.2055**		**640.6413**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.8419**	**6.7000e-004**	**2.8426**	**0.2967**	**6.3000e-004**	**0.2973**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990	0.0000	635.5030	635.5030	0.2055		640.6413
Total	**0.2463**	**2.7985**	**4.5247**	**6.5700e-003**		**0.1076**	**0.1076**		**0.0990**	**0.0990**	**0.0000**	**635.5030**	**635.5030**	**0.2055**		**640.6413**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.6283	3.5000e-004	0.6287	0.0677	3.3000e-004	0.0681		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.0119**	**6.7000e-004**	**2.0125**	**0.2138**	**6.3000e-004**	**0.2145**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

3.24 P6 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	26.6152					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	**27.0972**	**3.2501**	**4.8270**	**7.9200e-003**		**0.1624**	**0.1624**		**0.1624**	**0.1624**		**750.5281**	**750.5281**	**0.0423**		**751.5847**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.8419**	**6.7000e-004**	**2.8426**	**0.2967**	**6.3000e-004**	**0.2973**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	26.6152					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624	0.0000	750.5281	750.5281	0.0423		751.5847
Total	**27.0972**	**3.2501**	**4.8270**	**7.9200e-003**		**0.1624**	**0.1624**		**0.1624**	**0.1624**	**0.0000**	**750.5281**	**750.5281**	**0.0423**		**751.5847**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.6283	3.5000e-004	0.6287	0.0677	3.3000e-004	0.0681		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.0119**	**6.7000e-004**	**2.0125**	**0.2138**	**6.3000e-004**	**0.2145**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

3.25 P7 Site Preparation (mo. 1) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7670	6.9326	8.0048	0.0127		0.3768	0.3768		0.3572	0.3572		1,201.2782	1,201.2782	0.2033		1,206.3614
Total	**0.7670**	**6.9326**	**8.0048**	**0.0127**	**0.0000**	**0.3768**	**0.3768**	**0.0000**	**0.3572**	**0.3572**		**1,201.2782**	**1,201.2782**	**0.2033**		**1,206.3614**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.8419**	**6.7000e-004**	**2.8426**	**0.2967**	**6.3000e-004**	**0.2973**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.7670	6.9326	8.0048	0.0127		0.3768	0.3768		0.3572	0.3572	0.0000	1,201.2782	1,201.2782	0.2033		1,206.3614
Total	**0.7670**	**6.9326**	**8.0048**	**0.0127**	**0.0000**	**0.3768**	**0.3768**	**0.0000**	**0.3572**	**0.3572**	**0.0000**	**1,201.2782**	**1,201.2782**	**0.2033**		**1,206.3614**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.6283	3.5000e-004	0.6287	0.0677	3.3000e-004	0.0681		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.0119**	**6.7000e-004**	**2.0125**	**0.2138**	**6.3000e-004**	**0.2145**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

3.26 P6 Building Construction 2 (mo. 5) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2235	2.5449	3.9819	6.2300e-003		0.0820	0.0820		0.0766	0.0766		584.8198	584.8198	0.1781		589.2710
Total	**0.2235**	**2.5449**	**3.9819**	**6.2300e-003**		**0.0820**	**0.0820**		**0.0766**	**0.0766**		**584.8198**	**584.8198**	**0.1781**		**589.2710**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.8419**	**6.7000e-004**	**2.8426**	**0.2967**	**6.3000e-004**	**0.2973**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2235	2.5449	3.9819	6.2300e-003		0.0820	0.0820		0.0766	0.0766	0.0000	584.8198	584.8198	0.1781		589.2710
Total	**0.2235**	**2.5449**	**3.9819**	**6.2300e-003**		**0.0820**	**0.0820**		**0.0766**	**0.0766**	**0.0000**	**584.8198**	**584.8198**	**0.1781**		**589.2710**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.6283	3.5000e-004	0.6287	0.0677	3.3000e-004	0.0681		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.0119**	**6.7000e-004**	**2.0125**	**0.2138**	**6.3000e-004**	**0.2145**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

3.27 P7 Building Construction 1 (mo. 2-4) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990		635.5030	635.5030	0.2055		640.6413
Total	**0.2463**	**2.7985**	**4.5247**	**6.5700e-003**		**0.1076**	**0.1076**		**0.0990**	**0.0990**		**635.5030**	**635.5030**	**0.2055**		**640.6413**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.8419**	**6.7000e-004**	**2.8426**	**0.2967**	**6.3000e-004**	**0.2973**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990	0.0000	635.5030	635.5030	0.2055		640.6413
Total	**0.2463**	**2.7985**	**4.5247**	**6.5700e-003**		**0.1076**	**0.1076**		**0.0990**	**0.0990**	**0.0000**	**635.5030**	**635.5030**	**0.2055**		**640.6413**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.6283	3.5000e-004	0.6287	0.0677	3.3000e-004	0.0681		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.0119**	**6.7000e-004**	**2.0125**	**0.2138**	**6.3000e-004**	**0.2145**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

3.29 P8 Site Preparation (mo. 1) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.1216	11.0883	9.6613	0.0194		0.5115	0.5115		0.4811	0.4811		1,841.7857	1,841.7857	0.4105		1,852.0477
Total	**1.1216**	**11.0883**	**9.6613**	**0.0194**	**0.5303**	**0.5115**	**1.0418**	**0.0573**	**0.4811**	**0.5384**		**1,841.7857**	**1,841.7857**	**0.4105**		**1,852.0477**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	**0.0201**	**0.3057**	**0.1729**	**1.3200e-003**	**2.1900**	**5.6000e-004**	**2.1905**	**0.2289**	**5.3000e-004**	**0.2295**		**140.7965**	**140.7965**	**8.0300e-003**		**140.9971**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	1.1216	11.0883	9.6613	0.0194		0.5115	0.5115		0.4811	0.4811	0.0000	1,841.7857	1,841.7857	0.4105		1,852.0477
Total	**1.1216**	**11.0883**	**9.6613**	**0.0194**	**0.2068**	**0.5115**	**0.7183**	**0.0223**	**0.4811**	**0.5035**	**0.0000**	**1,841.7857**	**1,841.7857**	**0.4105**		**1,852.0477**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.6283	3.5000e-004	0.6287	0.0677	3.3000e-004	0.0681		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.9224	2.1000e-004	0.9226	0.0974	2.0000e-004	0.0976		28.9935	28.9935	7.2000e-004		29.0114
Total	**0.0201**	**0.3057**	**0.1729**	**1.3200e-003**	**1.5507**	**5.6000e-004**	**1.5512**	**0.1651**	**5.3000e-004**	**0.1657**		**140.7965**	**140.7965**	**8.0300e-003**		**140.9971**

3.30 P7 Building Construction 2 (mo. 5) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2235	2.5449	3.9819	6.2300e-003		0.0820	0.0820		0.0766	0.0766		584.8198	584.8198	0.1781		589.2710
Total	**0.2235**	**2.5449**	**3.9819**	**6.2300e-003**		**0.0820**	**0.0820**		**0.0766**	**0.0766**		**584.8198**	**584.8198**	**0.1781**		**589.2710**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.8419**	**6.7000e-004**	**2.8426**	**0.2967**	**6.3000e-004**	**0.2973**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2235	2.5449	3.9819	6.2300e-003		0.0820	0.0820		0.0766	0.0766	0.0000	584.8198	584.8198	0.1781		589.2710
Total	**0.2235**	**2.5449**	**3.9819**	**6.2300e-003**		**0.0820**	**0.0820**		**0.0766**	**0.0766**	**0.0000**	**584.8198**	**584.8198**	**0.1781**		**589.2710**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.6283	3.5000e-004	0.6287	0.0677	3.3000e-004	0.0681		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	1.3835	3.2000e-004	1.3839	0.1461	3.0000e-004	0.1464		43.4902	43.4902	1.0800e-003		43.5171
Total	**0.0260**	**0.3091**	**0.2158**	**1.4700e-003**	**2.0119**	**6.7000e-004**	**2.0125**	**0.2138**	**6.3000e-004**	**0.2145**		**155.2933**	**155.2933**	**8.3900e-003**		**155.5028**

3.31 P8 Building Construction 1 (mo. 2-4) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139
Total	**0.2291**	**2.6194**	**4.5152**	**6.5700e-003**		**0.0902**	**0.0902**		**0.0830**	**0.0830**		**635.7734**	**635.7734**	**0.2056**		**640.9139**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		27.8205	27.8205	6.6000e-004		27.8370
Total	**0.0193**	**0.3008**	**0.1656**	**1.3100e-003**	**2.1900**	**5.5000e-004**	**2.1905**	**0.2289**	**5.1000e-004**	**0.2294**		**138.9357**	**138.9357**	**7.8900e-003**		**139.1330**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830	0.0000	635.7734	635.7734	0.2056		640.9139
Total	**0.2291**	**2.6194**	**4.5152**	**6.5700e-003**		**0.0902**	**0.0902**		**0.0830**	**0.0830**	**0.0000**	**635.7734**	**635.7734**	**0.2056**		**640.9139**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.6283	3.4000e-004	0.6287	0.0677	3.2000e-004	0.0681		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	0.9224	2.1000e-004	0.9226	0.0974	1.9000e-004	0.0976		27.8205	27.8205	6.6000e-004		27.8370
Total	**0.0193**	**0.3008**	**0.1656**	**1.3100e-003**	**1.5507**	**5.5000e-004**	**1.5512**	**0.1651**	**5.1000e-004**	**0.1657**		**138.9357**	**138.9357**	**7.8900e-003**		**139.1330**

3.32 P8 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	52.3876					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4556	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374		750.5281	750.5281	0.0409		751.5516
Total	**52.8433**	**3.0547**	**4.8244**	**7.9200e-003**		**0.1374**	**0.1374**		**0.1374**	**0.1374**		**750.5281**	**750.5281**	**0.0409**		**751.5516**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	5.6100e-003	3.1700e-003	0.0400	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.9102	13.9102	3.3000e-004		13.9185
Total	**0.0137**	**0.2977**	**0.1256**	**1.1700e-003**	**1.5381**	**4.5000e-004**	**1.5385**	**0.1612**	**4.2000e-004**	**0.1616**		**125.0254**	**125.0254**	**7.5600e-003**		**125.2145**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	52.3876					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4556	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374	0.0000	750.5281	750.5281	0.0409		751.5516
Total	**52.8433**	**3.0547**	**4.8244**	**7.9200e-003**		**0.1374**	**0.1374**		**0.1374**	**0.1374**	**0.0000**	**750.5281**	**750.5281**	**0.0409**		**751.5516**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.6283	3.4000e-004	0.6287	0.0677	3.2000e-004	0.0681		111.1152	111.1152	7.2300e-003		111.2960
Worker	5.6100e-003	3.1700e-003	0.0400	1.4000e-004	0.4612	1.1000e-004	0.4613	0.0487	1.0000e-004	0.0488		13.9102	13.9102	3.3000e-004		13.9185
Total	**0.0137**	**0.2977**	**0.1256**	**1.1700e-003**	**1.0895**	**4.5000e-004**	**1.0899**	**0.1164**	**4.2000e-004**	**0.1169**		**125.0254**	**125.0254**	**7.5600e-003**		**125.2145**

3.33 P8 Building Construction 2 (mo. 5) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1886	2.3454	2.2032	7.3100e-003		0.0597	0.0597		0.0549	0.0549		707.1400	707.1400	0.2287		712.8576
Total	**0.1886**	**2.3454**	**2.2032**	**7.3100e-003**		**0.0597**	**0.0597**		**0.0549**	**0.0549**		**707.1400**	**707.1400**	**0.2287**		**712.8576**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		27.8205	27.8205	6.6000e-004		27.8370
Total	**0.0193**	**0.3008**	**0.1656**	**1.3100e-003**	**2.1900**	**5.5000e-004**	**2.1905**	**0.2289**	**5.1000e-004**	**0.2294**		**138.9357**	**138.9357**	**7.8900e-003**		**139.1330**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1886	2.3454	2.2032	7.3100e-003		0.0597	0.0597		0.0549	0.0549	0.0000	707.1400	707.1400	0.2287		712.8576
Total	**0.1886**	**2.3454**	**2.2032**	**7.3100e-003**		**0.0597**	**0.0597**		**0.0549**	**0.0549**	**0.0000**	**707.1400**	**707.1400**	**0.2287**		**712.8576**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.6283	3.4000e-004	0.6287	0.0677	3.2000e-004	0.0681		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	0.9224	2.1000e-004	0.9226	0.0974	1.9000e-004	0.0976		27.8205	27.8205	6.6000e-004		27.8370
Total	**0.0193**	**0.3008**	**0.1656**	**1.3100e-003**	**1.5507**	**5.5000e-004**	**1.5512**	**0.1651**	**5.1000e-004**	**0.1657**		**138.9357**	**138.9357**	**7.8900e-003**		**139.1330**

CalEEMod Version: CalEEMod.2016.3.1

Date: 8/23/2017 2:00 PM

North Village Residential LEA

San Diego County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
P1 Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 1 (mo. 2-4)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 2 (mo. 5)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P1 Site Preparation (mo. 1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P2 Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 1 (mo. 2-4)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 2 (mo. 5)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P2 Site Preparation (mo. 1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P3 Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 1 (mo. 2-4)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 2 (mo. 5)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P3 Site Preparation (mo. 1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P4 Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 1 (mo. 2-4)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 2 (mo. 5)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P4 Site Preparation (mo. 1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P5 Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 1 (mo. 2-4)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 2 (mo. 5)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

P5 Site Preparation (mo. 1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P6 Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 1 (mo. 2-4)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 2 (mo. 5)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P6 Site Preparation (mo. 1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 1 (mo. 2-4)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 2 (mo. 5)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P7 Site Preparation (mo. 1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P8 Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P8 Building Construction 1 (mo. 2-4)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P8 Building Construction 2 (mo. 5)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P8 Site Preparation (mo. 1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	Tier 4 Interim	0	16	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 4 Interim	0	16	No Change	0.00
Graders	Diesel	Tier 4 Interim	0	2	No Change	0.00
Pumps	Diesel	Tier 4 Interim	0	8	No Change	0.00
Rough Terrain Forklifts	Diesel	Tier 4 Interim	0	16	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	0	16	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	0	8	No Change	0.00
Trenchers	Diesel	Tier 4 Interim	0	8	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	7.62300E-002	5.17160E-001	7.36440E-001	1.21000E-003	2.71700E-002	2.71700E-002	0.00000E+000	1.03832E+002	1.03832E+002	6.11000E-003	0.00000E+000	1.03985E+002
Cement and Mortar Mixers	9.58000E-003	6.00100E-002	5.02700E-002	1.20000E-004	2.33000E-003	2.33000E-003	0.00000E+000	7.46990E+000	7.46990E+000	7.80000E-004	0.00000E+000	7.48929E+000
Graders	7.93000E-003	9.45700E-002	3.59900E-002	1.40000E-004	3.07000E-003	2.82000E-003	0.00000E+000	1.24961E+001	1.24961E+001	4.04000E-003	0.00000E+000	1.25971E+001
Pumps	2.83400E-002	2.38600E-001	3.24070E-001	5.70000E-004	1.16200E-002	1.16200E-002	0.00000E+000	4.91731E+001	4.91731E+001	2.28000E-003	0.00000E+000	4.92302E+001
Rough Terrain Forklifts	3.67200E-002	4.83640E-001	7.82900E-001	1.22000E-003	1.50900E-002	1.38800E-002	0.00000E+000	1.07463E+002	1.07463E+002	3.47600E-002	0.00000E+000	1.08332E+002
Skid Steer Loaders	1.10600E-002	1.47010E-001	2.37050E-001	3.50000E-004	4.96000E-003	4.57000E-003	0.00000E+000	3.11287E+001	3.11287E+001	1.00700E-002	0.00000E+000	3.13804E+001
Tractors/Loaders/Backhoes	3.85200E-002	3.89610E-001	5.81840E-001	8.10000E-004	1.86000E-002	1.71100E-002	0.00000E+000	7.12899E+001	7.12899E+001	2.30600E-002	0.00000E+000	7.18663E+001
Trenchers	3.03300E-002	2.82150E-001	2.25670E-001	2.90000E-004	1.96700E-002	1.80900E-002	0.00000E+000	2.58180E+001	2.58180E+001	8.35000E-003	0.00000E+000	2.60267E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	7.62300E-002	5.17160E-001	7.36440E-001	1.21000E-003	2.71700E-002	2.71700E-002	0.00000E+000	1.03832E+002	1.03832E+002	6.11000E-003	0.00000E+000	1.03985E+002
Cement and Mortar Mixers	9.58000E-003	6.00100E-002	5.02700E-002	1.20000E-004	2.33000E-003	2.33000E-003	0.00000E+000	7.46990E+000	7.46990E+000	7.80000E-004	0.00000E+000	7.48928E+000
Graders	7.93000E-003	9.45700E-002	3.59900E-002	1.40000E-004	3.07000E-003	2.82000E-003	0.00000E+000	1.24961E+001	1.24961E+001	4.04000E-003	0.00000E+000	1.25971E+001
Pumps	2.83400E-002	2.38600E-001	3.24070E-001	5.70000E-004	1.16200E-002	1.16200E-002	0.00000E+000	4.91730E+001	4.91730E+001	2.28000E-003	0.00000E+000	4.92301E+001
Rough Terrain Forklifts	3.67200E-002	4.83640E-001	7.82900E-001	1.22000E-003	1.50900E-002	1.38800E-002	0.00000E+000	1.07463E+002	1.07463E+002	3.47600E-002	0.00000E+000	1.08332E+002
Skid Steer Loaders	1.10600E-002	1.47010E-001	2.37050E-001	3.50000E-004	4.96000E-003	4.57000E-003	0.00000E+000	3.11287E+001	3.11287E+001	1.00700E-002	0.00000E+000	3.13804E+001
Tractors/Loaders/Backhoes	3.85200E-002	3.89610E-001	5.81840E-001	8.10000E-004	1.86000E-002	1.71100E-002	0.00000E+000	7.12898E+001	7.12898E+001	2.30600E-002	0.00000E+000	7.18663E+001
Trenchers	3.03300E-002	2.82150E-001	2.25670E-001	2.90000E-004	1.96700E-002	1.80900E-002	0.00000E+000	2.58179E+001	2.58179E+001	8.35000E-003	0.00000E+000	2.60267E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Percent Reduction											
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.15571E-006	1.15571E-006	0.00000E+000	0.00000E+000	1.15401E-006
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.33524E-006
Graders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	8.00252E-007	8.00252E-007	0.00000E+000	0.00000E+000	1.58767E-006
Pumps	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.22018E-006	1.22018E-006	0.00000E+000	0.00000E+000	1.21877E-006
Rough Terrain Forklifts	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.20972E-006	1.20972E-006	0.00000E+000	0.00000E+000	1.20002E-006
Skid Steer Loaders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.28499E-006	1.28499E-006	0.00000E+000	0.00000E+000	1.27468E-006
Tractors/Loaders/Backhoes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.12218E-006	1.12218E-006	0.00000E+000	0.00000E+000	1.25232E-006
Trenchers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.16198E-006	1.16198E-006	0.00000E+000	0.00000E+000	1.15266E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	30.00	PM2.5 Reduction	30.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
No	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph)	40.00		
No	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
P1 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Architectural Coating	Roads	0.04	0.00	0.03	0.00	0.29	0.28
P1 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 1 (mo. 2-4)	Roads	0.06	0.01	0.05	0.00	0.29	0.28
P1 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 2 (mo. 5)	Roads	0.03	0.00	0.02	0.00	0.29	0.28
P1 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Site Preparation (mo. 1)	Roads	0.02	0.00	0.02	0.00	0.29	0.28
P2 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Architectural Coating	Roads	0.05	0.01	0.04	0.00	0.29	0.28
P2 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 1 (mo. 2-4)	Roads	0.08	0.01	0.06	0.01	0.29	0.28
P2 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 2 (mo. 5)	Roads	0.03	0.00	0.02	0.00	0.29	0.28
P2 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Site Preparation (mo. 1)	Roads	0.03	0.00	0.02	0.00	0.29	0.28
P3 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Architectural Coating	Roads	0.06	0.01	0.04	0.00	0.29	0.28
P3 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 1 (mo. 2-4)	Roads	0.08	0.01	0.06	0.01	0.29	0.28
P3 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 2 (mo. 5)	Roads	0.03	0.00	0.02	0.00	0.29	0.28
P3 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Site Preparation (mo. 1)	Roads	0.03	0.00	0.02	0.00	0.29	0.28
P4 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Architectural Coating	Roads	0.05	0.01	0.04	0.00	0.29	0.28
P4 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 1 (mo. 2-4)	Roads	0.08	0.01	0.06	0.01	0.29	0.28

P4 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 2 (mo. 5)	Roads	0.03	0.00	0.02	0.00	0.29	0.28
P4 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Site Preparation (mo. 1)	Roads	0.03	0.00	0.02	0.00	0.29	0.28
P5 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Architectural Coating	Roads	0.05	0.01	0.04	0.00	0.29	0.28
P5 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 1 (mo. 2-4)	Roads	0.08	0.01	0.06	0.01	0.29	0.28
P5 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 2 (mo. 5)	Roads	0.03	0.00	0.02	0.00	0.29	0.28
P5 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.62
P5 Site Preparation (mo. 1)	Roads	0.03	0.00	0.02	0.00	0.29	0.28
P6 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Architectural Coating	Roads	0.06	0.01	0.04	0.00	0.29	0.28
P6 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 1 (mo. 2-4)	Roads	0.08	0.01	0.06	0.01	0.29	0.28
P6 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 2 (mo. 5)	Roads	0.03	0.00	0.02	0.00	0.29	0.28
P6 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Site Preparation (mo. 1)	Roads	0.03	0.00	0.02	0.00	0.29	0.28
P7 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 1 (mo. 2-4)	Roads	0.08	0.01	0.06	0.01	0.29	0.28
P7 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 2 (mo. 5)	Roads	0.03	0.00	0.02	0.00	0.29	0.28
P7 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Site Preparation (mo. 1)	Roads	0.03	0.00	0.02	0.00	0.29	0.28
P8 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P8 Architectural Coating	Roads	0.03	0.00	0.02	0.00	0.29	0.27
P8 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00

P8 Building Construction 1 (mo. 2-4)	Roads	0.06	0.01	0.04	0.00	0.29	0.28
P8 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P8 Building Construction 2 (mo. 5)	Roads	0.02	0.00	0.02	0.00	0.29	0.28
P8 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.60
P8 Site Preparation (mo. 1)	Roads	0.02	0.00	0.02	0.00	0.29	0.28

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	-0.01	0.13		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	250.00
No	Use Low VOC Paint (Residential Exterior)	250.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services Percent Reduction in Waste Disposed	

CalEEMod Input Matrix
Project Characteristics

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	North Village Residential LEA	--	Project Description
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	8/1/2023	Central Village Schedule	Proctor Valley EIR Assumptions
Operational Year	--	Central Village Schedule	Proctor Valley EIR Assumptions

Table 2: Utility Information			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Select Utility Company	San Diego Gas and Electric	project location	CEC, 2014
CO2 Intensity Factor (lb./Mwh)	--		
CH4 Intensity Factor (lb./Mwh)	default		
N20 Intensity Factor (lb./Mwh)	default		

CalEEMod Input Matrix
Project Characteristics

Table 3: Pollutants			
Pollutant Selection	**Pollutant Full Name**	**Notes**	**Source**
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N20	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Matrix
Construction Phase

Table 5: Construction Phase					
Phase Name	**Phase Type**	**Start Date**	**End Date**	**Days/Week**	**Total Days**
P1 Site Preparation (mo. 1)	Site Preparation	2022/08/01	2022/08/31	5	23
P1 Building Construction 1 (mo. 2-4)	Building Construction	2022/09/01	2022/11/30	5	65
P1 Architectural Coating	Architectural Coating	2022/11/01	2022/12/31	5	44
P1 Building Construction 2 (mo. 5)	Building Construction	2022/12/01	2022/12/31	5	22
P2 Site Preparation (mo. 1)	Site Preparation	2022/12/01	2022/12/31	5	22
P2 Building Construction 1 (mo. 2-4)	Building Construction	2023/01/01	2023/03/31	5	65
P2 Architectural Coating	Architectural Coating	2023/03/01	2023/04/30	5	43
P2 Building Construction 2 (mo. 5)	Building Construction	2023/04/01	2023/04/30	5	20
P3 Site Preparation (mo. 1)	Site Preparation	2023/04/01	2023/04/30	5	20
P3 Building Construction 1 (mo. 2-4)	Building Construction	2023/05/01	2023/07/31	5	66
P3 Architectural Coating	Architectural Coating	2023/07/01	2023/08/31	5	44
P4 Site Preparation (mo. 1)	Site Preparation	2023/08/01	2023/08/30	5	22
P3 Building Construction 2 (mo. 5)	Building Construction	2023/08/01	2023/08/31	5	23
P4 Building Construction 1 (mo. 2-4)	Building Construction	2023/09/01	2023/11/30	5	65
P4 Architectural Coating	Architectural Coating	2023/11/01	2023/12/31	5	43
P4 Building Construction 2 (mo. 5)	Building Construction	2023/12/01	2023/12/31	5	21
P5 Site Preparation (mo. 1)	Site Preparation	2023/12/01	2023/12/31	5	21
P5 Building Construction 1 (mo. 2-4)	Building Construction	2024/01/01	2024/03/31	5	65
P5 Architectural Coating	Architectural Coating	2024/03/01	2024/04/30	5	43
P5 Building Construction 2 (mo. 5)	Building Construction	2024/04/01	2024/04/30	5	22
P6 Site Preparation (mo. 1)	Site Preparation	2024/04/01	2024/04/30	5	22
P6 Building Construction 1 (mo. 2-4)	Building Construction	2024/05/01	2024/07/31	5	66
P6 Architectural Coating	Architectural Coating	2024/07/01	2024/08/31	5	45
P6 Building Construction 2 (mo. 5)	Building Construction	2024/08/01	2024/08/31	5	22
P7 Site Preparation (mo. 1)	Site Preparation	2024/08/01	2024/08/31	5	22
P7 Building Construction 1 (mo. 2-4)	Building Construction	2024/09/01	2024/11/30	5	65
P7 Architectural Coating	Architectural Coating	2024/11/01	2024/12/31	5	43
P7 Building Construction 2 (mo. 5)	Building Construction	2024/12/01	2024/12/31	5	22
P8 Site Preparation (mo. 1)	Site Preparation	2024/12/01	2024/12/31	5	22
P8 Building Construction 1 (mo. 2-4)	Building Construction	2025/01/01	2025/03/31	5	64
P8 Architectural Coating	Architectural Coating	2025/03/01	2025/04/30	5	43
P8 Building Construction 2 (mo. 5)	Building Construction	2025/04/01	2025/04/30	5	22

CalEEMod Input Matrix
Construction Phase

Table 6: Off-Road Equipment					
Phase Name	**Equipment Type**	**Unit Amount**	**Hours/Day**	**Horsepower (hp)**	**Load Factor**
All Phases Site Preparation (mo. 1)	Grader	1	default		
	Skid Steer	1			
	Trencher	1			
	Pump	1			
	Cement Mixer	1			
All Phases Building Construction 1 (mo. 2-4)	Rough Terrain Forklift	1			
	Backhoe	1			
All Phases Building Construction 2 (mo. 5)	Rough Terrain Forklift	1			
	Skid Steer	2			
	Cement Mixer	1			
All Phases Architectural Coating	Air Compressor	2			

CalEEMod Input Matrix
Construction Phase

Table 7: Dust from Material Movement							
Phase Name	**Material Imported**	**Material Exported**	**Material Import/Export Phased?**	**Mean Vehicle Speed (mph)**	**Total Acres Graded**	**Material Moisture Content (%) Bulldozing**	**Material Silt Content**
Site Prep	default						
Grading							

Table 8: Demolition		
Phase Name	**Size Metric**	**Unit Amount**
default		

Table 9: Construction Trips and VMT									
Phase Name	**# Trips Worker (/day)**	**# Trips Vendor (/day)**	**Total # Trips Hauling**	**Trip Length Worker (miles)**	**Trip Length Worker (miles)**	**Trip Length Hauling (miles)**	**Vehicle Class Worker**	**Vehicle Class Vendor**	**Vehicle Class Hauling**
All Phases Site Preparation (mo. 1)	Refer to Construction VMT worksheet								
All Phases Building Construction 1 (mo. 2-4)									
All Phases Building Construction 2 (mo. 5)									
All Phases Architectural Coating									

CalEEMod Input Matrix
Construction Phase

Table 10: On-Road Fugitive Dust								
Phase Name	**% Pave Worker**	**% Pave Vendor**	**% Pave Hauling**	**Road Silt Loading (g/m2)**	**Material Silt Content (%)**	**Material Moisture Content (%)**	**Average Vehicle Weight (tons)**	**Mean Vehicle Speed (mph)**
All Phases Site Preparation (mo. 1)	98		default					
All Phases Building Construction 1 (mo. 2-4)								
All Phases Building Construction 2 (mo. 5)								
All Phases Paving								
All Phases Architectural Coating								

Table 11: Architectural Coating										
Phase Name	**Residential Interior VOC (g/L)**	**Residential Interior Area (sqft)**	**Residential Exterior VOC (g/L)**	**Residential Exterior Area (sqft)**	**Non-Residential Interior VOC (g/L)**	**Non-Residential Interior Area (sqft)**	**Non-Residential Exterior VOC (g/L)**	**Non-Residential Exterior Area (sqft)**	**VOC for Parking Lot Paint (g/L)**	**Parking Area (sqft)**
P1 Architectural Coating	50	237,508	100	79,169	N/A	0	N/A	0	N/A	default
P2 Architectural Coating	50	316,678	100	105,559	N/A	0	N/A	0	N/A	
P3 Architectural Coating	50	376,055	100	125,352	N/A	0	N/A	0	N/A	
P4 Architectural Coating	50	395,847	100	131,949	N/A	0	N/A	0	N/A	
P5 Architectural Coating	50	395,847	100	131,949	N/A	0	N/A	0	N/A	
P6 Architectural Coating	50	310,080	100	103,360	N/A	0	N/A	0	N/A	
P7 Architectural Coating	50	316,678	100	105,559	N/A	0	N/A	0	N/A	
P8 Architectural Coating	50	400,245	100	285,890	N/A	0	N/A	0	N/A	

Tables 12 through 31 pertain to operational emissions and are therefore omitted

CalEEMod Input Sheet
Construction Mitigation

Table 32: Off-Road Equipment						
Equipment Type	**Fuel Type**	**Engine Tier**	**Number of Equipments Mitigated**	**Total Number of Off-road Equipments**	**DPF Level**	**Using Oxidation Catalyst (% Reduction)**
--						

Table 33: Fugitive Dust	
Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	default
PM 2.5 (% Reduction)	
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	15
Clean Paved Road	
% PM Reduction	--

CalEEMod Version: CalEEMod.2016.3.1 Date: 8/21/2017 3:19 PM

North Village Non-Residential -LEA

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	0.00	0.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2024
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Woodstoves - operational analysis only

Construction Off-road Equipment Mitigation - Refer to CalEEMod Input Matrix Table 32

Consumer Products - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	0.00	450.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	0.00	210.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	0.00	2,250.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	0.00	630.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConsumerProducts	ROG_EF	2.14E-05	1E-08
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-11
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-13
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	NumberGas	0.55	0.00

tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblGrading	AcresOfGrading	1.50	0.00
tblGrading	AcresOfGrading	1.50	0.00
tblGrading	AcresOfGrading	3.00	1.00
tblGrading	AcresOfGrading	0.00	10.50
tblGrading	AcresOfGrading	0.00	10.50
tblGrading	AcresOfGrading	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
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tblOffRoadEquipment	PhaseName		Park 3- Grading

tblOffRoadEquipment	PhaseName		Swim Club North - Grading
tblOffRoadEquipment	PhaseName		Park 3- Grading
tblOffRoadEquipment	PhaseName		Park 3- Paving
tblOffRoadEquipment	PhaseName		Park 3- Site Preparation
tblOffRoadEquipment	PhaseName		Park 3- Landscaping
tblOffRoadEquipment	PhaseName		Private Parks North Landscaping
tblOffRoadEquipment	PhaseName		Swim Club North - Landscaping
tblOffRoadEquipment	PhaseName		Park 3- Building Construction
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tblOffRoadEquipment	UsageHours	6.00	8.00
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tblOnRoadDust	HaulingPercentPave	100.00	0.00

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tblProjectCharacteristics	OperationalYear	2018	2024

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tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	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					
2023	4.5042	48.2713	32.8741	0.0738	27.4182	2.0234	29.4415	10.9094	1.8615	12.7709	0.0000	7,177.1143	7,177.1143	2.2238	0.0000	7,232.7081
Maximum	**4.5042**	**48.2713**	**32.8741**	**0.0738**	**27.4182**	**2.0234**	**29.4415**	**10.9094**	**1.8615**	**12.7709**	**0.0000**	**7,177.1143**	**7,177.1143**	**2.2238**	**0.0000**	**7,232.7081**

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					
2023	4.5042	48.2713	32.8741	0.0738	11.1357	2.0234	13.1591	4.3209	1.8615	6.1824	0.0000	7,177.1143	7,177.1143	2.2238	0.0000	7,232.7081
Maximum	**4.5042**	**48.2713**	**32.8741**	**0.0738**	**11.1357**	**2.0234**	**13.1591**	**4.3209**	**1.8615**	**6.1824**	**0.0000**	**7,177.1143**	**7,177.1143**	**2.2238**	**0.0000**	**7,232.7081**

	ROG	NOx	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**	**59.39**	**0.00**	**55.30**	**60.39**	**0.00**	**51.59**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.4800e-003	9.5000e-004	0.0825	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**2.4800e-003**	**9.5000e-004**	**0.0825**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.4800e-003	9.5000e-004	0.0825	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**2.4800e-003**	**9.5000e-004**	**0.0825**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

	ROG	NOx	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	Swim Club North - Site Prep	Site Preparation	6/1/2023	6/2/2023	5	2	
2	Park 3- Site Preparation	Site Preparation	6/1/2023	6/2/2023	5	2	
3	Swim Club North - Grading	Grading	6/3/2023	6/7/2023	5	3	
4	Park 3- Grading	Grading	6/3/2023	6/7/2023	5	3	
5	Swim Club North - Building Construction	Building Construction	6/8/2023	10/3/2023	5	84	
6	Park 3- Building Construction	Building Construction	6/8/2023	10/3/2023	5	84	
7	Swim Club North - Architectural Coating	Architectural Coating	8/1/2023	8/31/2023	5	23	
8	Park 3 - Architectural Coating	Architectural Coating	8/1/2023	8/31/2023	5	23	
9	Swim Club North - Landscaping	Site Preparation	10/1/2023	10/31/2023	5	22	
10	Park 3- Landscaping	Site Preparation	10/1/2023	10/31/2023	5	22	
11	Private Parks North Landscaping	Site Preparation	10/1/2023	10/31/2023	5	22	
12	Park 3- Paving	Paving	11/1/2023	11/30/2023	5	22	

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: 2,250; Non-Residential Outdoor: 450; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Park 3 - Architectural Coating	Air Compressors	1	8.00	78	0.48
Park 3- Building Construction	Forklifts	1	8.00	89	0.20
Park 3- Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 3- Building Construction	Welders	1	8.00	46	0.45
Park 3- Grading	Excavators	1	8.00	158	0.38
Park 3- Grading	Graders	1	8.00	187	0.41
Park 3- Grading	Rubber Tired Dozers	1	8.00	247	0.40
Park 3- Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Park 3- Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Park 3- Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Park 3- Paving	Pavers	1	8.00	130	0.42
Park 3- Paving	Paving Equipment	2	8.00	132	0.36
Park 3- Paving	Rollers	2	8.00	80	0.38
Park 3- Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 3- Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Park 3- Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Private Parks North Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Swim Club North - Architectural	Air Compressors	1	8.00	78	0.48
Swim Club North - Building	Cranes	1	8.00	231	0.29
Swim Club North - Building	Forklifts	2	8.00	89	0.20
Swim Club North - Building	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Swim Club North - Grading	Excavators	1	8.00	158	0.38
Swim Club North - Grading	Graders	1	8.00	187	0.41
Swim Club North - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Swim Club North - Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Swim Club North - Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Swim Club North - Site Prep	Graders	3	8.00	187	0.41
Swim Club North - Site Prep	Tractors/Loaders/Backhoes	4	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
Swim Club North - Site Prep	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 3- Site Preparation	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club North - Grading	6	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 3- Grading	6	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club North - Building Construction	5	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 3- Building Construction	5	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club North - Architectural Coating	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 3 - Architectural Coating	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club North - Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 3- Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Private Parks North Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 3- Paving	8	4.00	10.00	0.00	10.80	7.30	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

Clean Paved Roads

3.2 Swim Club North - Site Prep - 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					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.7558	20.1018	14.0032	0.0323		0.7555	0.7555		0.6951	0.6951		3,128.8715	3,128.8715	1.0119		3,154.1700
Total	**1.7558**	**20.1018**	**14.0032**	**0.0323**	**0.5303**	**0.7555**	**1.2858**	**0.0573**	**0.6951**	**0.7523**		**3,128.8715**	**3,128.8715**	**1.0119**		**3,154.1700**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0353	0.0210	0.2144	7.1000e-004	3.2596	5.4000e-004	3.2601	0.3387	5.0000e-004	0.3392		70.8396	70.8396	1.8400e-003		70.8856
Total	**0.0445**	**0.3227**	**0.3133**	**1.7300e-003**	**4.1457**	**9.2000e-004**	**4.1466**	**0.4321**	**8.6000e-004**	**0.4330**		**180.4674**	**180.4674**	**9.6300e-003**		**180.7081**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	1.7558	20.1018	14.0032	0.0323		0.7555	0.7555		0.6951	0.6951	0.0000	3,128.8715	3,128.8715	1.0119		3,154.1700
Total	**1.7558**	**20.1018**	**14.0032**	**0.0323**	**0.2068**	**0.7555**	**0.9623**	**0.0223**	**0.6951**	**0.7174**	**0.0000**	**3,128.8715**	**3,128.8715**	**1.0119**		**3,154.1700**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0353	0.0210	0.2144	7.1000e-004	1.4431	5.4000e-004	1.4436	0.1572	5.0000e-004	0.1577		70.8396	70.8396	1.8400e-003		70.8856
Total	**0.0445**	**0.3227**	**0.3133**	**1.7300e-003**	**1.8381**	**9.2000e-004**	**1.8390**	**0.2016**	**8.6000e-004**	**0.2025**		**180.4674**	**180.4674**	**9.6300e-003**		**180.7081**

3.3 Park 3- Site Preparation - 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					18.5965	0.0000	18.5965	9.9879	0.0000	9.9879			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.3081	3,687.3081	1.1926		3,717.1219
Total	**2.6595**	**27.5242**	**18.2443**	**0.0381**	**18.5965**	**1.2660**	**19.8625**	**9.9879**	**1.1647**	**11.1527**		**3,687.3081**	**3,687.3081**	**1.1926**		**3,717.1219**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0353	0.0210	0.2144	7.1000e-004	3.2596	5.4000e-004	3.2601	0.3387	5.0000e-004	0.3392		70.8396	70.8396	1.8400e-003		70.8856
Total	**0.0445**	**0.3227**	**0.3133**	**1.7300e-003**	**4.1457**	**9.2000e-004**	**4.1466**	**0.4321**	**8.6000e-004**	**0.4330**		**180.4674**	**180.4674**	**9.6300e-003**		**180.7081**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.2526	0.0000	7.2526	3.8953	0.0000	3.8953			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219
Total	**2.6595**	**27.5242**	**18.2443**	**0.0381**	**7.2526**	**1.2660**	**8.5187**	**3.8953**	**1.1647**	**5.0600**	**0.0000**	**3,687.3081**	**3,687.3081**	**1.1926**		**3,717.1219**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0353	0.0210	0.2144	7.1000e-004	1.4431	5.4000e-004	1.4436	0.1572	5.0000e-004	0.1577		70.8396	70.8396	1.8400e-003		70.8856
Total	**0.0445**	**0.3227**	**0.3133**	**1.7300e-003**	**1.8381**	**9.2000e-004**	**1.8390**	**0.2016**	**8.6000e-004**	**0.2025**		**180.4674**	**180.4674**	**9.6300e-003**		**180.7081**

3.4 Swim Club North - 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					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.7109	17.9359	14.7507	0.0297		0.7749	0.7749		0.7129	0.7129		2,872.6910	2,872.6910	0.9291		2,895.9182
Total	**1.7109**	**17.9359**	**14.7507**	**0.0297**	**6.0221**	**0.7749**	**6.7970**	**3.3102**	**0.7129**	**4.0232**		**2,872.6910**	**2,872.6910**	**0.9291**		**2,895.9182**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0282	0.0168	0.1716	5.7000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0374**	**0.3185**	**0.2704**	**1.5900e-003**	**3.4938**	**8.2000e-004**	**3.4946**	**0.3644**	**7.6000e-004**	**0.3651**		**166.2994**	**166.2994**	**9.2600e-003**		**166.5310**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	1.7109	17.9359	14.7507	0.0297		0.7749	0.7749		0.7129	0.7129	0.0000	2,872.6910	2,872.6910	0.9291		2,895.9182
Total	**1.7109**	**17.9359**	**14.7507**	**0.0297**	**2.3486**	**0.7749**	**3.1235**	**1.2910**	**0.7129**	**2.0039**	**0.0000**	**2,872.6910**	**2,872.6910**	**0.9291**		**2,895.9182**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0282	0.0168	0.1716	5.7000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0374**	**0.3185**	**0.2704**	**1.5900e-003**	**1.5495**	**8.2000e-004**	**1.5503**	**0.1702**	**7.6000e-004**	**0.1709**		**166.2994**	**166.2994**	**9.2600e-003**		**166.5310**

3.5 Park 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					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.7109	17.9359	14.7507	0.0297		0.7749	0.7749		0.7129	0.7129		2,872.6910	2,872.6910	0.9291		2,895.9182
Total	**1.7109**	**17.9359**	**14.7507**	**0.0297**	**6.0221**	**0.7749**	**6.7970**	**3.3102**	**0.7129**	**4.0232**		**2,872.6910**	**2,872.6910**	**0.9291**		**2,895.9182**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0282	0.0168	0.1716	5.7000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0374**	**0.3185**	**0.2704**	**1.5900e-003**	**3.4938**	**8.2000e-004**	**3.4946**	**0.3644**	**7.6000e-004**	**0.3651**		**166.2994**	**166.2994**	**9.2600e-003**		**166.5310**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	1.7109	17.9359	14.7507	0.0297		0.7749	0.7749		0.7129	0.7129	0.0000	2,872.6910	2,872.6910	0.9291		2,895.9182
Total	**1.7109**	**17.9359**	**14.7507**	**0.0297**	**2.3486**	**0.7749**	**3.1235**	**1.2910**	**0.7129**	**2.0039**	**0.0000**	**2,872.6910**	**2,872.6910**	**0.9291**		**2,895.9182**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0282	0.0168	0.1716	5.7000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		56.6717	56.6717	1.4700e-003		56.7085
Total	**0.0374**	**0.3185**	**0.2704**	**1.5900e-003**	**1.5495**	**8.2000e-004**	**1.5503**	**0.1702**	**7.6000e-004**	**0.1709**		**166.2994**	**166.2994**	**9.2600e-003**		**166.5310**

3.6 Swim Club North - 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	0.8592	8.8062	8.5866	0.0151		0.4296	0.4296		0.3952	0.3952		1,458.0339	1,458.0339	0.4716		1,469.8228
Total	**0.8592**	**8.8062**	**8.5866**	**0.0151**		**0.4296**	**0.4296**		**0.3952**	**0.3952**		**1,458.0339**	**1,458.0339**	**0.4716**		**1,469.8228**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**2.8419**	**7.1000e-004**	**2.8426**	**0.2967**	**6.6000e-004**	**0.2973**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8592	8.8062	8.5866	0.0151		0.4296	0.4296		0.3952	0.3952	0.0000	1,458.0339	1,458.0339	0.4716		1,469.8228
Total	**0.8592**	**8.8062**	**8.5866**	**0.0151**		**0.4296**	**0.4296**		**0.3952**	**0.3952**	**0.0000**	**1,458.0339**	**1,458.0339**	**0.4716**		**1,469.8228**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		42.5038	42.5038	1.1000e-003		42.5313
Total	**0.0303**	**0.3143**	**0.2275**	**1.4500e-003**	**1.2609**	**7.1000e-004**	**1.2616**	**0.1387**	**6.6000e-004**	**0.1394**		**152.1315**	**152.1315**	**8.8900e-003**		**152.3539**

3.7 Park 3- 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	0.5084	3.9159	5.0540	7.2000e-003		0.1902	0.1902		0.1794	0.1794		657.0851	657.0851	0.1681		661.2862
Total	**0.5084**	**3.9159**	**5.0540**	**7.2000e-003**		**0.1902**	**0.1902**		**0.1794**	**0.1794**		**657.0851**	**657.0851**	**0.1681**		**661.2862**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**2.1900**	**6.0000e-004**	**2.1906**	**0.2289**	**5.6000e-004**	**0.2295**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5084	3.9159	5.0540	7.2000e-003		0.1902	0.1902		0.1794	0.1794	0.0000	657.0851	657.0851	0.1681		661.2862
Total	**0.5084**	**3.9159**	**5.0540**	**7.2000e-003**		**0.1902**	**0.1902**		**0.1794**	**0.1794**	**0.0000**	**657.0851**	**657.0851**	**0.1681**		**661.2862**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**0.9723**	**6.0000e-004**	**0.9729**	**0.1073**	**5.6000e-004**	**0.1079**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

3.8 Swim Club North - 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	0.3174					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	**0.5730**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**		**375.2641**	**375.2641**	**0.0225**		**375.8253**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.1679	14.1679	3.7000e-004		14.1771
Total	**0.0162**	**0.3059**	**0.1417**	**1.1600e-003**	**1.5381**	**4.9000e-004**	**1.5386**	**0.1612**	**4.6000e-004**	**0.1617**		**123.7957**	**123.7957**	**8.1600e-003**		**123.9997**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3174					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253
Total	**0.5730**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**	**0.0000**	**375.2641**	**375.2641**	**0.0225**		**375.8253**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.1679	14.1679	3.7000e-004		14.1771
Total	**0.0162**	**0.3059**	**0.1417**	**1.1600e-003**	**0.6837**	**4.9000e-004**	**0.6841**	**0.0759**	**4.6000e-004**	**0.0763**		**123.7957**	**123.7957**	**8.1600e-003**		**123.9997**

3.9 Park 3 - 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	0.1058					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	**0.3614**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**		**375.2641**	**375.2641**	**0.0225**		**375.8253**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.1679	14.1679	3.7000e-004		14.1771
Total	**0.0162**	**0.3059**	**0.1417**	**1.1600e-003**	**1.5381**	**4.9000e-004**	**1.5386**	**0.1612**	**4.6000e-004**	**0.1617**		**123.7957**	**123.7957**	**8.1600e-003**		**123.9997**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1058					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253
Total	**0.3614**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**	**0.0000**	**375.2641**	**375.2641**	**0.0225**		**375.8253**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.1679	14.1679	3.7000e-004		14.1771
Total	**0.0162**	**0.3059**	**0.1417**	**1.1600e-003**	**0.6837**	**4.9000e-004**	**0.6841**	**0.0759**	**4.6000e-004**	**0.0763**		**123.7957**	**123.7957**	**8.1600e-003**		**123.9997**

3.10 Swim Club North - Landscaping - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1302	1.7294	2.7708	4.1400e-003		0.0585	0.0585		0.0538	0.0538		400.9725	400.9725	0.1297		404.2145
Total	**0.1302**	**1.7294**	**2.7708**	**4.1400e-003**	**0.0000**	**0.0585**	**0.0585**	**0.0000**	**0.0538**	**0.0538**		**400.9725**	**400.9725**	**0.1297**		**404.2145**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**2.1900**	**6.0000e-004**	**2.1906**	**0.2289**	**5.6000e-004**	**0.2295**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1302	1.7294	2.7708	4.1400e-003		0.0585	0.0585		0.0538	0.0538	0.0000	400.9725	400.9725	0.1297		404.2145
Total	**0.1302**	**1.7294**	**2.7708**	**4.1400e-003**	**0.0000**	**0.0585**	**0.0585**	**0.0000**	**0.0538**	**0.0538**	**0.0000**	**400.9725**	**400.9725**	**0.1297**		**404.2145**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**0.9723**	**6.0000e-004**	**0.9729**	**0.1073**	**5.6000e-004**	**0.1079**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

3.11 Park 3- Landscaping - 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					0.5062	0.0000	0.5062	0.0547	0.0000	0.0547			0.0000			0.0000
Off-Road	0.1302	1.7294	2.7708	4.1400e-003		0.0585	0.0585		0.0538	0.0538		400.9725	400.9725	0.1297		404.2145
Total	**0.1302**	**1.7294**	**2.7708**	**4.1400e-003**	**0.5062**	**0.0585**	**0.5647**	**0.0547**	**0.0538**	**0.1085**		**400.9725**	**400.9725**	**0.1297**		**404.2145**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**2.1900**	**6.0000e-004**	**2.1906**	**0.2289**	**5.6000e-004**	**0.2295**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1974	0.0000	0.1974	0.0213	0.0000	0.0213			0.0000			0.0000
Off-Road	0.1302	1.7294	2.7708	4.1400e-003		0.0585	0.0585		0.0538	0.0538	0.0000	400.9725	400.9725	0.1297		404.2145
Total	**0.1302**	**1.7294**	**2.7708**	**4.1400e-003**	**0.1974**	**0.0585**	**0.2559**	**0.0213**	**0.0538**	**0.0751**	**0.0000**	**400.9725**	**400.9725**	**0.1297**		**404.2145**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**0.9723**	**6.0000e-004**	**0.9729**	**0.1073**	**5.6000e-004**	**0.1079**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

3.12 Private Parks North Landscaping - 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					0.5062	0.0000	0.5062	0.0547	0.0000	0.0547			0.0000			0.0000
Off-Road	0.1302	1.7294	2.7708	4.1400e-003		0.0585	0.0585		0.0538	0.0538		400.9725	400.9725	0.1297		404.2145
Total	**0.1302**	**1.7294**	**2.7708**	**4.1400e-003**	**0.5062**	**0.0585**	**0.5647**	**0.0547**	**0.0538**	**0.1085**		**400.9725**	**400.9725**	**0.1297**		**404.2145**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**2.1900**	**6.0000e-004**	**2.1906**	**0.2289**	**5.6000e-004**	**0.2295**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1974	0.0000	0.1974	0.0213	0.0000	0.0213			0.0000			0.0000
Off-Road	0.1302	1.7294	2.7708	4.1400e-003		0.0585	0.0585		0.0538	0.0538	0.0000	400.9725	400.9725	0.1297		404.2145
Total	**0.1302**	**1.7294**	**2.7708**	**4.1400e-003**	**0.1974**	**0.0585**	**0.2559**	**0.0213**	**0.0538**	**0.0751**	**0.0000**	**400.9725**	**400.9725**	**0.1297**		**404.2145**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**0.9723**	**6.0000e-004**	**0.9729**	**0.1073**	**5.6000e-004**	**0.1079**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

3.13 Park 3- 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	1.1097	10.5809	14.5491	0.0226		0.5261	0.5261		0.4863	0.4863		2,154.9759	2,154.9759	0.6748		2,171.8453
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1097**	**10.5809**	**14.5491**	**0.0226**		**0.5261**	**0.5261**		**0.4863**	**0.4863**		**2,154.9759**	**2,154.9759**	**0.6748**		**2,171.8453**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**3.5192**	**1.1600e-003**	**3.5204**	**0.3691**	**1.1000e-003**	**0.3702**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1097	10.5809	14.5491	0.0226		0.5261	0.5261		0.4863	0.4863	0.0000	2,154.9759	2,154.9759	0.6748		2,171.8453
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1097**	**10.5809**	**14.5491**	**0.0226**		**0.5261**	**0.5261**		**0.4863**	**0.4863**	**0.0000**	**2,154.9759**	**2,154.9759**	**0.6748**		**2,171.8453**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	0.9876	9.4000e-004	0.9885	0.1110	9.0000e-004	0.1119		274.0693	274.0693	0.0195		274.5564
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**1.5648**	**1.1600e-003**	**1.5660**	**0.1739**	**1.1000e-003**	**0.1750**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

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North Village Non-Residential -LEA - San Diego County, Summer

North Village Non-Residential -LEA

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	0.00	0.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2024
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Woodstoves - operational analysis only

Construction Off-road Equipment Mitigation - Refer to CalEEMod Input Matrix Table 32

Consumer Products - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	0.00	450.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	0.00	210.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	0.00	2,250.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	0.00	630.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConsumerProducts	ROG_EF	2.14E-05	1E-08
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-11
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-13
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	NumberGas	0.55	0.00

tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblGrading	AcresOfGrading	1.50	0.00
tblGrading	AcresOfGrading	1.50	0.00
tblGrading	AcresOfGrading	3.00	1.00
tblGrading	AcresOfGrading	0.00	10.50
tblGrading	AcresOfGrading	0.00	10.50
tblGrading	AcresOfGrading	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Swim Club North - Grading
tblOffRoadEquipment	PhaseName		Park 3- Grading

tblOffRoadEquipment	PhaseName		Swim Club North - Grading
tblOffRoadEquipment	PhaseName		Park 3- Grading
tblOffRoadEquipment	PhaseName		Park 3- Paving
tblOffRoadEquipment	PhaseName		Park 3- Site Preparation
tblOffRoadEquipment	PhaseName		Park 3- Landscaping
tblOffRoadEquipment	PhaseName		Private Parks North Landscaping
tblOffRoadEquipment	PhaseName		Swim Club North - Landscaping
tblOffRoadEquipment	PhaseName		Park 3- Building Construction
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00

tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	OperationalYear	2018	2024

tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	20.00	4.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	4.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	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					
2023	4.4945	48.2695	32.8858	0.0740	27.4182	2.0233	29.4415	10.9094	1.8615	12.7709	0.0000	7,192.1466	7,192.1466	2.2232	0.0000	7,247.7259
Maximum	**4.4945**	**48.2695**	**32.8858**	**0.0740**	**27.4182**	**2.0233**	**29.4415**	**10.9094**	**1.8615**	**12.7709**	**0.0000**	**7,192.1466**	**7,192.1466**	**2.2232**	**0.0000**	**7,247.7259**

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					
2023	4.4945	48.2695	32.8858	0.0740	11.1357	2.0233	13.1590	4.3209	1.8615	6.1823	0.0000	7,192.1466	7,192.1466	2.2232	0.0000	7,247.7259
Maximum	**4.4945**	**48.2695**	**32.8858**	**0.0740**	**11.1357**	**2.0233**	**13.1590**	**4.3209**	**1.8615**	**6.1823**	**0.0000**	**7,192.1466**	**7,192.1466**	**2.2232**	**0.0000**	**7,247.7259**

	ROG	NOx	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**	**59.39**	**0.00**	**55.30**	**60.39**	**0.00**	**51.59**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.4800e-003	9.5000e-004	0.0825	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**2.4800e-003**	**9.5000e-004**	**0.0825**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.4800e-003	9.5000e-004	0.0825	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**2.4800e-003**	**9.5000e-004**	**0.0825**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

	ROG	NOx	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	Swim Club North - Site Prep	Site Preparation	6/1/2023	6/2/2023	5	2	
2	Park 3- Site Preparation	Site Preparation	6/1/2023	6/2/2023	5	2	
3	Swim Club North - Grading	Grading	6/3/2023	6/7/2023	5	3	
4	Park 3- Grading	Grading	6/3/2023	6/7/2023	5	3	
5	Swim Club North - Building Construction	Building Construction	6/8/2023	10/3/2023	5	84	
6	Park 3- Building Construction	Building Construction	6/8/2023	10/3/2023	5	84	
7	Swim Club North - Architectural Coating	Architectural Coating	8/1/2023	8/31/2023	5	23	
8	Park 3 - Architectural Coating	Architectural Coating	8/1/2023	8/31/2023	5	23	
9	Swim Club North - Landscaping	Site Preparation	10/1/2023	10/31/2023	5	22	
10	Park 3- Landscaping	Site Preparation	10/1/2023	10/31/2023	5	22	
11	Private Parks North Landscaping	Site Preparation	10/1/2023	10/31/2023	5	22	
12	Park 3- Paving	Paving	11/1/2023	11/30/2023	5	22	

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: 2,250; Non-Residential Outdoor: 450; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Park 3 - Architectural Coating	Air Compressors	1	8.00	78	0.48
Park 3- Building Construction	Forklifts	1	8.00	89	0.20
Park 3- Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 3- Building Construction	Welders	1	8.00	46	0.45
Park 3- Grading	Excavators	1	8.00	158	0.38
Park 3- Grading	Graders	1	8.00	187	0.41
Park 3- Grading	Rubber Tired Dozers	1	8.00	247	0.40
Park 3- Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Park 3- Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Park 3- Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Park 3- Paving	Pavers	1	8.00	130	0.42
Park 3- Paving	Paving Equipment	2	8.00	132	0.36
Park 3- Paving	Rollers	2	8.00	80	0.38
Park 3- Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 3- Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Park 3- Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Private Parks North Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Swim Club North - Architectural Coating	Air Compressors	1	8.00	78	0.48
Swim Club North - Building Construction	Cranes	1	8.00	231	0.29
Swim Club North - Building Construction	Forklifts	2	8.00	89	0.20
Swim Club North - Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Swim Club North - Grading	Excavators	1	8.00	158	0.38
Swim Club North - Grading	Graders	1	8.00	187	0.41
Swim Club North - Grading	Rubber Tired Dozers	1	8.00	247	0.40
Swim Club North - Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Swim Club North - Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Swim Club North - Site Prep	Graders	3	8.00	187	0.41
Swim Club North - Site Prep	Tractors/Loaders/Backhoes	4	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
Swim Club North - Site Prep	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 3- Site Preparation	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club North - Grading	6	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 3- Grading	6	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club North - Building Construction	5	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 3- Building Construction	5	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club North - Architectural Coating	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 3 - Architectural Coating	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club North - Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 3- Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Private Parks North Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 3- Paving	8	4.00	10.00	0.00	10.80	7.30	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

Clean Paved Roads

3.2 Swim Club North - Site Prep - 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					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.7558	20.1018	14.0032	0.0323		0.7555	0.7555		0.6951	0.6951		3,128.8715	3,128.8715	1.0119		3,154.1700
Total	**1.7558**	**20.1018**	**14.0032**	**0.0323**	**0.5303**	**0.7555**	**1.2858**	**0.0573**	**0.6951**	**0.7523**		**3,128.8715**	**3,128.8715**	**1.0119**		**3,154.1700**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0310	0.0187	0.2291	7.6000e-004	3.2596	5.4000e-004	3.2601	0.3387	5.0000e-004	0.3392		75.4567	75.4567	1.9500e-003		75.5055
Total	**0.0396**	**0.3218**	**0.3192**	**1.8000e-003**	**4.1457**	**9.0000e-004**	**4.1466**	**0.4321**	**8.4000e-004**	**0.4330**		**187.9835**	**187.9835**	**9.3400e-003**		**188.2170**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	1.7558	20.1018	14.0032	0.0323		0.7555	0.7555		0.6951	0.6951	0.0000	3,128.8715	3,128.8715	1.0119		3,154.1700
Total	**1.7558**	**20.1018**	**14.0032**	**0.0323**	**0.2068**	**0.7555**	**0.9623**	**0.0223**	**0.6951**	**0.7174**	**0.0000**	**3,128.8715**	**3,128.8715**	**1.0119**		**3,154.1700**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0310	0.0187	0.2291	7.6000e-004	1.4431	5.4000e-004	1.4436	0.1572	5.0000e-004	0.1577		75.4567	75.4567	1.9500e-003		75.5055
Total	**0.0396**	**0.3218**	**0.3192**	**1.8000e-003**	**1.8381**	**9.0000e-004**	**1.8390**	**0.2016**	**8.4000e-004**	**0.2025**		**187.9835**	**187.9835**	**9.3400e-003**		**188.2170**

3.3 Park 3- Site Preparation - 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					18.5965	0.0000	18.5965	9.9879	0.0000	9.9879			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.3081	3,687.3081	1.1926		3,717.1219
Total	**2.6595**	**27.5242**	**18.2443**	**0.0381**	**18.5965**	**1.2660**	**19.8625**	**9.9879**	**1.1647**	**11.1527**		**3,687.3081**	**3,687.3081**	**1.1926**		**3,717.1219**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0310	0.0187	0.2291	7.6000e-004	3.2596	5.4000e-004	3.2601	0.3387	5.0000e-004	0.3392		75.4567	75.4567	1.9500e-003		75.5055
Total	**0.0396**	**0.3218**	**0.3192**	**1.8000e-003**	**4.1457**	**9.0000e-004**	**4.1466**	**0.4321**	**8.4000e-004**	**0.4330**		**187.9835**	**187.9835**	**9.3400e-003**		**188.2170**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.2526	0.0000	7.2526	3.8953	0.0000	3.8953			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219
Total	**2.6595**	**27.5242**	**18.2443**	**0.0381**	**7.2526**	**1.2660**	**8.5187**	**3.8953**	**1.1647**	**5.0600**	**0.0000**	**3,687.3081**	**3,687.3081**	**1.1926**		**3,717.1219**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0310	0.0187	0.2291	7.6000e-004	1.4431	5.4000e-004	1.4436	0.1572	5.0000e-004	0.1577		75.4567	75.4567	1.9500e-003		75.5055
Total	**0.0396**	**0.3218**	**0.3192**	**1.8000e-003**	**1.8381**	**9.0000e-004**	**1.8390**	**0.2016**	**8.4000e-004**	**0.2025**		**187.9835**	**187.9835**	**9.3400e-003**		**188.2170**

3.4 Swim Club North - 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					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.7109	17.9359	14.7507	0.0297		0.7749	0.7749		0.7129	0.7129		2,872.6910	2,872.6910	0.9291		2,895.9182
Total	**1.7109**	**17.9359**	**14.7507**	**0.0297**	**6.0221**	**0.7749**	**6.7970**	**3.3102**	**0.7129**	**4.0232**		**2,872.6910**	**2,872.6910**	**0.9291**		**2,895.9182**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0248	0.0150	0.1833	6.1000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0334**	**0.3180**	**0.2733**	**1.6500e-003**	**3.4938**	**8.0000e-004**	**3.4946**	**0.3644**	**7.4000e-004**	**0.3651**		**172.8922**	**172.8922**	**8.9500e-003**		**173.1160**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	1.7109	17.9359	14.7507	0.0297		0.7749	0.7749		0.7129	0.7129	0.0000	2,872.6910	2,872.6910	0.9291		2,895.9182
Total	**1.7109**	**17.9359**	**14.7507**	**0.0297**	**2.3486**	**0.7749**	**3.1235**	**1.2910**	**0.7129**	**2.0039**	**0.0000**	**2,872.6910**	**2,872.6910**	**0.9291**		**2,895.9182**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0248	0.0150	0.1833	6.1000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0334**	**0.3180**	**0.2733**	**1.6500e-003**	**1.5495**	**8.0000e-004**	**1.5503**	**0.1702**	**7.4000e-004**	**0.1709**		**172.8922**	**172.8922**	**8.9500e-003**		**173.1160**

3.5 Park 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					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	1.7109	17.9359	14.7507	0.0297		0.7749	0.7749		0.7129	0.7129		2,872.6910	2,872.6910	0.9291		2,895.9182
Total	**1.7109**	**17.9359**	**14.7507**	**0.0297**	**6.0221**	**0.7749**	**6.7970**	**3.3102**	**0.7129**	**4.0232**		**2,872.6910**	**2,872.6910**	**0.9291**		**2,895.9182**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0248	0.0150	0.1833	6.1000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0334**	**0.3180**	**0.2733**	**1.6500e-003**	**3.4938**	**8.0000e-004**	**3.4946**	**0.3644**	**7.4000e-004**	**0.3651**		**172.8922**	**172.8922**	**8.9500e-003**		**173.1160**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	1.7109	17.9359	14.7507	0.0297		0.7749	0.7749		0.7129	0.7129	0.0000	2,872.6910	2,872.6910	0.9291		2,895.9182
Total	**1.7109**	**17.9359**	**14.7507**	**0.0297**	**2.3486**	**0.7749**	**3.1235**	**1.2910**	**0.7129**	**2.0039**	**0.0000**	**2,872.6910**	**2,872.6910**	**0.9291**		**2,895.9182**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0248	0.0150	0.1833	6.1000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		60.3654	60.3654	1.5600e-003		60.4044
Total	**0.0334**	**0.3180**	**0.2733**	**1.6500e-003**	**1.5495**	**8.0000e-004**	**1.5503**	**0.1702**	**7.4000e-004**	**0.1709**		**172.8922**	**172.8922**	**8.9500e-003**		**173.1160**

3.6 Swim Club North - 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	0.8592	8.8062	8.5866	0.0151		0.4296	0.4296		0.3952	0.3952		1,458.0339	1,458.0339	0.4716		1,469.8228
Total	**0.8592**	**8.8062**	**8.5866**	**0.0151**		**0.4296**	**0.4296**		**0.3952**	**0.3952**		**1,458.0339**	**1,458.0339**	**0.4716**		**1,469.8228**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**2.8419**	**6.9000e-004**	**2.8426**	**0.2967**	**6.4000e-004**	**0.2973**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8592	8.8062	8.5866	0.0151		0.4296	0.4296		0.3952	0.3952	0.0000	1,458.0339	1,458.0339	0.4716		1,469.8228
Total	**0.8592**	**8.8062**	**8.5866**	**0.0151**		**0.4296**	**0.4296**		**0.3952**	**0.3952**	**0.0000**	**1,458.0339**	**1,458.0339**	**0.4716**		**1,469.8228**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		45.2740	45.2740	1.1700e-003		45.3033
Total	**0.0273**	**0.3143**	**0.2275**	**1.4900e-003**	**1.2609**	**6.9000e-004**	**1.2616**	**0.1387**	**6.4000e-004**	**0.1394**		**157.8008**	**157.8008**	**8.5600e-003**		**158.0149**

3.7 Park 3- 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	0.5084	3.9159	5.0540	7.2000e-003		0.1902	0.1902		0.1794	0.1794		657.0851	657.0851	0.1681		661.2862
Total	**0.5084**	**3.9159**	**5.0540**	**7.2000e-003**		**0.1902**	**0.1902**		**0.1794**	**0.1794**		**657.0851**	**657.0851**	**0.1681**		**661.2862**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**2.1900**	**5.8000e-004**	**2.1906**	**0.2289**	**5.4000e-004**	**0.2295**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5084	3.9159	5.0540	7.2000e-003		0.1902	0.1902		0.1794	0.1794	0.0000	657.0851	657.0851	0.1681		661.2862
Total	**0.5084**	**3.9159**	**5.0540**	**7.2000e-003**		**0.1902**	**0.1902**		**0.1794**	**0.1794**	**0.0000**	**657.0851**	**657.0851**	**0.1681**		**661.2862**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**0.9723**	**5.8000e-004**	**0.9728**	**0.1073**	**5.4000e-004**	**0.1078**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

3.8 Swim Club North - 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	0.3174					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	**0.5730**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**		**375.2641**	**375.2641**	**0.0225**		**375.8253**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.0913	15.0913	3.9000e-004		15.1011
Total	**0.0149**	**0.3068**	**0.1359**	**1.1900e-003**	**1.5381**	**4.7000e-004**	**1.5385**	**0.1612**	**4.4000e-004**	**0.1616**		**127.6182**	**127.6182**	**7.7800e-003**		**127.8127**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3174					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253
Total	**0.5730**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**	**0.0000**	**375.2641**	**375.2641**	**0.0225**		**375.8253**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.0913	15.0913	3.9000e-004		15.1011
Total	**0.0149**	**0.3068**	**0.1359**	**1.1900e-003**	**0.6837**	**4.7000e-004**	**0.6841**	**0.0759**	**4.4000e-004**	**0.0763**		**127.6182**	**127.6182**	**7.7800e-003**		**127.8127**

3.9 Park 3 - 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	0.1058					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	**0.3614**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**		**375.2641**	**375.2641**	**0.0225**		**375.8253**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.0913	15.0913	3.9000e-004		15.1011
Total	**0.0149**	**0.3068**	**0.1359**	**1.1900e-003**	**1.5381**	**4.7000e-004**	**1.5385**	**0.1612**	**4.4000e-004**	**0.1616**		**127.6182**	**127.6182**	**7.7800e-003**		**127.8127**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1058					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253
Total	**0.3614**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**	**0.0000**	**375.2641**	**375.2641**	**0.0225**		**375.8253**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.0913	15.0913	3.9000e-004		15.1011
Total	**0.0149**	**0.3068**	**0.1359**	**1.1900e-003**	**0.6837**	**4.7000e-004**	**0.6841**	**0.0759**	**4.4000e-004**	**0.0763**		**127.6182**	**127.6182**	**7.7800e-003**		**127.8127**

3.10 Swim Club North - Landscaping - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1302	1.7294	2.7708	4.1400e-003		0.0585	0.0585		0.0538	0.0538		400.9725	400.9725	0.1297		404.2145
Total	**0.1302**	**1.7294**	**2.7708**	**4.1400e-003**	**0.0000**	**0.0585**	**0.0585**	**0.0000**	**0.0538**	**0.0538**		**400.9725**	**400.9725**	**0.1297**		**404.2145**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**2.1900**	**5.8000e-004**	**2.1906**	**0.2289**	**5.4000e-004**	**0.2295**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1302	1.7294	2.7708	4.1400e-003		0.0585	0.0585		0.0538	0.0538	0.0000	400.9725	400.9725	0.1297		404.2145
Total	**0.1302**	**1.7294**	**2.7708**	**4.1400e-003**	**0.0000**	**0.0585**	**0.0585**	**0.0000**	**0.0538**	**0.0538**	**0.0000**	**400.9725**	**400.9725**	**0.1297**		**404.2145**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**0.9723**	**5.8000e-004**	**0.9728**	**0.1073**	**5.4000e-004**	**0.1078**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

3.11 Park 3- Landscaping - 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					0.5062	0.0000	0.5062	0.0547	0.0000	0.0547			0.0000			0.0000
Off-Road	0.1302	1.7294	2.7708	4.1400e-003		0.0585	0.0585		0.0538	0.0538		400.9725	400.9725	0.1297		404.2145
Total	**0.1302**	**1.7294**	**2.7708**	**4.1400e-003**	**0.5062**	**0.0585**	**0.5647**	**0.0547**	**0.0538**	**0.1085**		**400.9725**	**400.9725**	**0.1297**		**404.2145**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**2.1900**	**5.8000e-004**	**2.1906**	**0.2289**	**5.4000e-004**	**0.2295**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1974	0.0000	0.1974	0.0213	0.0000	0.0213			0.0000			0.0000
Off-Road	0.1302	1.7294	2.7708	4.1400e-003		0.0585	0.0585		0.0538	0.0538	0.0000	400.9725	400.9725	0.1297		404.2145
Total	**0.1302**	**1.7294**	**2.7708**	**4.1400e-003**	**0.1974**	**0.0585**	**0.2559**	**0.0213**	**0.0538**	**0.0751**	**0.0000**	**400.9725**	**400.9725**	**0.1297**		**404.2145**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**0.9723**	**5.8000e-004**	**0.9728**	**0.1073**	**5.4000e-004**	**0.1078**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

3.12 Private Parks North Landscaping - 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					0.5062	0.0000	0.5062	0.0547	0.0000	0.0547			0.0000			0.0000
Off-Road	0.1302	1.7294	2.7708	4.1400e-003		0.0585	0.0585		0.0538	0.0538		400.9725	400.9725	0.1297		404.2145
Total	**0.1302**	**1.7294**	**2.7708**	**4.1400e-003**	**0.5062**	**0.0585**	**0.5647**	**0.0547**	**0.0538**	**0.1085**		**400.9725**	**400.9725**	**0.1297**		**404.2145**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**2.1900**	**5.8000e-004**	**2.1906**	**0.2289**	**5.4000e-004**	**0.2295**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1974	0.0000	0.1974	0.0213	0.0000	0.0213			0.0000			0.0000
Off-Road	0.1302	1.7294	2.7708	4.1400e-003		0.0585	0.0585		0.0538	0.0538	0.0000	400.9725	400.9725	0.1297		404.2145
Total	**0.1302**	**1.7294**	**2.7708**	**4.1400e-003**	**0.1974**	**0.0585**	**0.2559**	**0.0213**	**0.0538**	**0.0751**	**0.0000**	**400.9725**	**400.9725**	**0.1297**		**404.2145**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**0.9723**	**5.8000e-004**	**0.9728**	**0.1073**	**5.4000e-004**	**0.1078**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

3.13 Park 3- 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	1.1097	10.5809	14.5491	0.0226		0.5261	0.5261		0.4863	0.4863		2,154.9759	2,154.9759	0.6748		2,171.8453
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1097**	**10.5809**	**14.5491**	**0.0226**		**0.5261**	**0.5261**		**0.4863**	**0.4863**		**2,154.9759**	**2,154.9759**	**0.6748**		**2,171.8453**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		281.3170	281.3170	0.0185		281.7789
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0341**	**0.7651**	**0.3168**	**2.9000e-003**	**3.5192**	**1.1100e-003**	**3.5203**	**0.3691**	**1.0500e-003**	**0.3702**		**311.4997**	**311.4997**	**0.0193**		**311.9811**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1097	10.5809	14.5491	0.0226		0.5261	0.5261		0.4863	0.4863	0.0000	2,154.9759	2,154.9759	0.6748		2,171.8453
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1097**	**10.5809**	**14.5491**	**0.0226**		**0.5261**	**0.5261**		**0.4863**	**0.4863**	**0.0000**	**2,154.9759**	**2,154.9759**	**0.6748**		**2,171.8453**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		281.3170	281.3170	0.0185		281.7789
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0341**	**0.7651**	**0.3168**	**2.9000e-003**	**1.5648**	**1.1100e-003**	**1.5659**	**0.1739**	**1.0500e-003**	**0.1750**		**311.4997**	**311.4997**	**0.0193**		**311.9811**

CalEEMod Version: CalEEMod.2016.3.1

Date: 8/21/2017 3:20 PM

North Village Non-Residential -LEA

San Diego County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Park 3 - Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Park 3- Building Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Park 3- Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Park 3- Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Park 3- Paving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Park 3- Site Preparation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Private Parks North Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club North - Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club North - Building Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club North - Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club North - Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club North - Site Prep	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	Tier 4 Interim	0	2	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 4 Interim	0	2	No Change	0.00
Excavators	Diesel	Tier 4 Interim	0	2	No Change	0.00
Cranes	Diesel	Tier 4 Interim	0	1	No Change	0.00
Forklifts	Diesel	Tier 4 Interim	0	4	No Change	0.00
Graders	Diesel	Tier 4 Interim	0	5	No Change	0.00
Pavers	Diesel	Tier 4 Interim	0	1	No Change	0.00
Rollers	Diesel	Tier 4 Interim	0	2	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Interim	0	5	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	0	19	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	0	2	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	0	6	No Change	0.00
Welders	Diesel	Tier 4 Interim	0	1	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	5.88000E-003	3.99600E-002	5.55400E-002	9.00000E-005	2.17000E-003	2.17000E-003	0.00000E+000	7.82998E+000	7.82998E+000	4.70000E-004	0.00000E+000	7.84169E+000
Cement and Mortar Mixers	1.29000E-003	8.10000E-003	6.78000E-003	2.00000E-005	3.10000E-004	3.10000E-004	0.00000E+000	1.00821E+000	1.00821E+000	1.00000E-004	0.00000E+000	1.01082E+000
Cranes	1.47600E-002	1.60250E-001	7.70500E-002	2.40000E-004	6.69000E-003	6.16000E-003	0.00000E+000	2.12920E+001	2.12920E+001	6.89000E-003	0.00000E+000	2.14642E+001
Excavators	5.70000E-004	4.65000E-003	9.77000E-003	2.00000E-005	2.30000E-004	2.10000E-004	0.00000E+000	1.36106E+000	1.36106E+000	4.40000E-004	0.00000E+000	1.37207E+000
Forklifts	1.29200E-002	1.20920E-001	1.44240E-001	1.90000E-004	7.47000E-003	6.87000E-003	0.00000E+000	1.69207E+001	1.69207E+001	5.47000E-003	0.00000E+000	1.70575E+001
Graders	2.30000E-003	2.79200E-002	1.01600E-002	4.00000E-005	9.00000E-004	8.30000E-004	0.00000E+000	3.48824E+000	3.48824E+000	1.13000E-003	0.00000E+000	3.51645E+000
Pavers	2.11000E-003	2.07100E-002	3.17100E-002	5.00000E-005	9.70000E-004	9.00000E-004	0.00000E+000	4.54263E+000	4.54263E+000	1.47000E-003	0.00000E+000	4.57936E+000
Paving Equipment	3.76000E-003	3.52600E-002	5.62500E-002	9.00000E-005	1.71000E-003	1.58000E-003	0.00000E+000	7.87280E+000	7.87280E+000	2.55000E-003	0.00000E+000	7.93645E+000
Rollers	3.38000E-003	3.54200E-002	4.07500E-002	6.00000E-005	1.95000E-003	1.79000E-003	0.00000E+000	5.07150E+000	5.07150E+000	1.64000E-003	0.00000E+000	5.11250E+000
Rubber Tired Dozers	4.11000E-003	4.27600E-002	1.86400E-002	5.00000E-005	1.93000E-003	1.77000E-003	0.00000E+000	4.50145E+000	4.50145E+000	1.46000E-003	0.00000E+000	4.53785E+000
Skid Steer Loaders	4.30000E-003	5.70700E-002	9.14400E-002	1.40000E-004	1.93000E-003	1.78000E-003	0.00000E+000	1.20040E+001	1.20040E+001	3.88000E-003	0.00000E+000	1.21010E+001
Tractors/Loaders/Backhoes	2.33100E-002	2.36490E-001	3.43620E-001	4.80000E-004	1.16800E-002	1.07400E-002	0.00000E+000	4.21322E+001	4.21322E+001	1.36300E-002	0.00000E+000	4.24728E+001
Welders	1.06900E-002	5.96600E-002	7.04700E-002	1.10000E-004	2.32000E-003	2.32000E-003	0.00000E+000	7.90527E+000	7.90527E+000	8.60000E-004	0.00000E+000	7.92683E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	5.88000E-003	3.99600E-002	5.55400E-002	9.00000E-005	2.17000E-003	2.17000E-003	0.00000E+000	7.82997E+000	7.82997E+000	4.70000E-004	0.00000E+000	7.84168E+000
Cement and Mortar Mixers	1.29000E-003	8.10000E-003	6.78000E-003	2.00000E-005	3.10000E-004	3.10000E-004	0.00000E+000	1.00821E+000	1.00821E+000	1.00000E-004	0.00000E+000	1.01082E+000
Cranes	1.47600E-002	1.60250E-001	7.70500E-002	2.40000E-004	6.69000E-003	6.16000E-003	0.00000E+000	2.12920E+001	2.12920E+001	6.89000E-003	0.00000E+000	2.14641E+001
Excavators	5.70000E-004	4.65000E-003	9.77000E-003	2.00000E-005	2.30000E-004	2.10000E-004	0.00000E+000	1.36106E+000	1.36106E+000	4.40000E-004	0.00000E+000	1.37207E+000
Forklifts	1.29200E-002	1.20920E-001	1.44240E-001	1.90000E-004	7.47000E-003	6.87000E-003	0.00000E+000	1.69207E+001	1.69207E+001	5.47000E-003	0.00000E+000	1.70575E+001
Graders	2.30000E-003	2.79200E-002	1.01600E-002	4.00000E-005	9.00000E-004	8.30000E-004	0.00000E+000	3.48824E+000	3.48824E+000	1.13000E-003	0.00000E+000	3.51644E+000
Pavers	2.11000E-003	2.07100E-002	3.17100E-002	5.00000E-005	9.70000E-004	9.00000E-004	0.00000E+000	4.54262E+000	4.54262E+000	1.47000E-003	0.00000E+000	4.57935E+000
Paving Equipment	3.76000E-003	3.52600E-002	5.62500E-002	9.00000E-005	1.71000E-003	1.58000E-003	0.00000E+000	7.87279E+000	7.87279E+000	2.55000E-003	0.00000E+000	7.93644E+000
Rollers	3.38000E-003	3.54200E-002	4.07500E-002	6.00000E-005	1.95000E-003	1.79000E-003	0.00000E+000	5.07149E+000	5.07149E+000	1.64000E-003	0.00000E+000	5.11250E+000
Rubber Tired Dozers	4.11000E-003	4.27600E-002	1.86400E-002	5.00000E-005	1.93000E-003	1.77000E-003	0.00000E+000	4.50145E+000	4.50145E+000	1.46000E-003	0.00000E+000	4.53785E+000
Skid Steer Loaders	4.30000E-003	5.70700E-002	9.14400E-002	1.40000E-004	1.93000E-003	1.78000E-003	0.00000E+000	1.20039E+001	1.20039E+001	3.88000E-003	0.00000E+000	1.21010E+001
Tractors/Loaders/Backhoes	2.33100E-002	2.36490E-001	3.43620E-001	4.80000E-004	1.16800E-002	1.07400E-002	0.00000E+000	4.21321E+001	4.21321E+001	1.36300E-002	0.00000E+000	4.24728E+001
Welders	1.06900E-002	5.96600E-002	7.04700E-002	1.10000E-004	2.32000E-003	2.32000E-003	0.00000E+000	7.90526E+000	7.90526E+000	8.60000E-004	0.00000E+000	7.92682E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.27714E-006	1.27714E-006	0.00000E+000	0.00000E+000	1.27524E-006
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.40898E-006	1.40898E-006	0.00000E+000	0.00000E+000	9.31786E-007
Excavators	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Forklifts	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.18198E-006	1.18198E-006	0.00000E+000	0.00000E+000	1.17250E-006
Graders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	2.84378E-006
Pavers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	2.20137E-006	2.20137E-006	0.00000E+000	0.00000E+000	2.18371E-006
Paving Equipment	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.27020E-006	1.27020E-006	0.00000E+000	0.00000E+000	1.26001E-006
Rollers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.97180E-006	1.97180E-006	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Skid Steer Loaders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	8.33059E-007	8.33059E-007	0.00000E+000	0.00000E+000	1.65275E-006
Tractors/Loaders/Backhoes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.18674E-006	1.18674E-006	0.00000E+000	0.00000E+000	1.17722E-006
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.26498E-006	1.26498E-006	0.00000E+000	0.00000E+000	1.26154E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	30.00	PM2.5 Reduction	30.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
No	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph)	15.00		
Yes	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Park 3 - Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 3 - Architectural Coating	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Park 3- Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 3- Building Construction	Roads	0.08	0.01	0.04	0.00	0.55	0.53
Park 3- Grading	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Park 3- Grading	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Park 3- Landscaping	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.62
Park 3- Landscaping	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Park 3- Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 3- Paving	Roads	0.03	0.00	0.02	0.00	0.55	0.53
Park 3- Site Preparation	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Park 3- Site Preparation	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Private Parks North Landscaping	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.62
Private Parks North Landscaping	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Swim Club North - Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club North - Architectural Coating	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Swim Club North - Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club North - Building Construction	Roads	0.11	0.01	0.05	0.01	0.55	0.53
Swim Club North - Grading	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Swim Club North - Grading	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Swim Club North - Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club North - Landscaping	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Swim Club North - Site Prep	Fugitive Dust	0.00	0.00	0.00	0.00	0.60	0.67
Swim Club North - Site Prep	Roads	0.00	0.00	0.00	0.00	0.56	0.53

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation Selected	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.00	0.15		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	250.00
No	Use Low VOC Paint (Residential Exterior)	250.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services Percent Reduction in Waste Disposed	

CalEEMod Input Matrix
Project Characteristics

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	North Village Non-Residential -LEA	--	Project Description
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	1-Jun-22	Central Village Schedule	Proctor Valley EIR Assumptions
Operational Year	--	Central Village Schedule	Proctor Valley EIR Assumptions

Table 2: Utility Information			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Select Utility Company	San Diego Gas and Electric	project location	CEC, 2014
CO2 Intensity Factor (lb./Mwh)	--		
CH4 Intensity Factor (lb./Mwh)	default		
N20 Intensity Factor (lb./Mwh)	default		

CalEEMod Input Matrix
Project Characteristics

Table 3: Pollutants			
Pollutant Selection	**Pollutant Full Name**	**Notes**	**Source**
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N20	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Matrix
Construction Phase

Table 5: Construction					
Phase Name	**Phase Type**	**Start Date**	**End Date**	**Days/Week**	**Total Days**
Swim Club North - Site Prep	Site Preparation	2023/06/01	2023/06/02	5	2
Swim Club North - Grading	Grading	2023/06/03	2023/06/07	5	3
Swim Club North - Building Construction	Building Construction	2023/06/08	2023/10/03	5	84
Landscaping	Site Preparation	2023/10/01	2023/10/31	5	22
Swim Club North - Architectural Coating	Architectural Coating	2023/08/01	2023/08/31	5	23
Park 3- Site Preparation	Site Preparation	2023/06/01	2023/06/02	5	2
Park 3- Grading	Grading	2023/06/03	2023/06/07	5	3
Park 3- Building Construction	Construction	2023/06/08	2023/10/03	5	84
Park 3 - Architectural Coating	Coating	2023/08/01	2023/08/31	5	23
Park 3- Paving	Paving	2023/11/01	2023/11/30	5	22
Park 3- Landscaping	Site Preparation	2023/10/01	2023/10/31	5	22
Landscaping	Site Preparation	2023/10/01	2023/10/31	5	22

Table 6: Off-Road Equipment					
Phase Name	**Equipment**	**Unit Amount**	**Hours/Day**	**Horsepower (hp)**	**Load Factor**
Site Preparation - all	default				
Grading- all					
Landscaping - all	Skid steer	2	default		
Building Construction -parks	Forklift	1	default		
	Tractor/Loader/Backhoe	1			
	Welder	1			
Paving - all	default				
Architectural Coating -all					
Building Construction - Non-park					

CalEEMod Input Matrix
Construction Phase

Table 7: Dust from Material Movement							
Phase Name	**Material Imported**	**Material Exported**	**Material Import/Export**	**Mean Vehicle Speed (mph)**	**Total Acres Graded**	**Material Moisture**	**Material Silt Content**
Site Prep				--			
Grading				--			
Notes: All soil export assumed in Central Village Residential CalEEMod inputs							

Table 8: Demolition		
Phase Name	**Size Metric**	**Unit Amount**
	--	

Table 7: Dust from Material Movement							
Phase Name	**Material Imported**	**Material Exported**	**Material Import/Export Phased?**	**Mean Vehicle Speed (mph)**	**Total Acres Graded**	**Material Moisture Content (%) Bulldozing**	**Material Silt Content**
Site Prep				--			
Grading				--			
Notes: All soil export assumed in Central Village Residential CalEEMod inputs							

Table 8: Demolition		
Phase Name	**Size Metric**	**Unit Amount**
	--	

CalEEMod Input Matrix
Construction Phase

Table 9: Construction Trips and VMT									
Phase Name	**# Trips Worker (/day)**	**# Trips Vendor (/day)**	**Total # Trips Hauling**	**Trip Length Worker (miles)**	**Trip Length Worker (miles)**	**Trip Length Hauling (miles)**	**Vehicle Class Worker**	**Vehicle Class Vendor**	**Vehicle Class Hauling**
Refer to Construction VMT Worksheet									

Table 10: On-Road Fugitive Dust								
Phase Name	**% Pave Worker**	**% Pave Vendor**	**% Pave Hauling**	**Road Silt Loading (g/m2)**	**Material Silt Content (%)**	**Material Moisture Content (%)**	**Average Vehicle Weight (tons)**	**Mean Vehicle Speed (mph)**
--	98	98	0	--				

Table 11: Architectural Coating										
Phase Name	**Residential Interior VOC (g/L)**	**Residential Interior Area (sqft)**	**Residential Exterior VOC (g/L)**	**Residential Exterior Area (sqft)**	**Non-Residential Interior VOC (g/L)**	**Non-Residential Interior Area (sqft)**	**Non-Residential Exterior VOC (g/L)**	**Non-Residential Exterior Area (sqft)**	**VOC for Parking Lot Paint (g/L)**	**Parking Area (sqft)**
Swim Club Central -	N/A	N/A	N/A	N/A	50	2,250	100	750	100	N/A
Park 3 -	N/A	N/A	N/A	N/A	50	630	100	210	100	N/A

Tables 12 through 31 pertain to operational emissions and are therefore omitted

CalEEMod Input Sheet
Construction Mitigation

Table 32: Off-Road Equipment						
Equipment Type	**Fuel Type**	**Engine Tier**	**Number of Equipments Mitigated**	**Total Number of Off-road Equipments**	**DPF Level**	**Using Oxidation Catalyst (% Reduction)**
--						

Table 33: Fugitive Dust	
Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	default
PM 2.5 (% Reduction)	
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	15
Clean Paved Road	
% PM Reduction	--

CalEEMod Version: CalEEMod.2016.3.1 Date: 9/26/2017 8:38 AM

Off-Site Grading and PVR - LEA

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	1,097.71	1000sqft	0.00	1,097,710.00	0
User Defined Residential	1.00	Dwelling Unit	34.80	0.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2023
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Land Use - Includes off-site grading

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table

Vehicle Trips - Operational Emissions Modeled Separately

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Energy Use - Operational Emissions Modeled Separately

Water And Wastewater - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblConsumerProducts	ROG_EF	2.14E-05	1E-16
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-16
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-18
tblEnergyUse	LightingElect	0.88	0.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblLandUse	LotAcreage	25.20	0.00
tblLandUse	LotAcreage	0.00	34.80
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00

tblOffRoadEquipment	PhaseName		On-site North Utilities
tblOffRoadEquipment	PhaseName		South Utilities
tblOffRoadEquipment	PhaseName		Off-site Central Utilities
tblOffRoadEquipment	PhaseName		On-site Central Utilities
tblOffRoadEquipment	PhaseName		Off-site North Utilities
tblOffRoadEquipment	PhaseName		South Haul
tblOffRoadEquipment	PhaseName		On-site North Utilities
tblOffRoadEquipment	PhaseName		South Utilities
tblOffRoadEquipment	PhaseName		Off-site Central Utilities
tblOffRoadEquipment	PhaseName		On-site Central Utilities
tblOffRoadEquipment	PhaseName		Off-site North Utilities
tblOffRoadEquipment	PhaseName		On-site North Landscaping
tblOffRoadEquipment	PhaseName		Off-site Central Landscaping
tblOffRoadEquipment	PhaseName		South Landscaping
tblOffRoadEquipment	PhaseName		On-site Central Landscaping
tblOffRoadEquipment	PhaseName		Off-site North Landscape
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00

tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00

tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	OperationalYear	2018	2023

tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	HO_TL	7.50	0.00
tblVehicleTrips	HS_TL	7.30	0.00
tblVehicleTrips	HW_TL	10.80	0.00
tblWater	ElectricityIntensityFactorForWastewaterTreatment	1,911.00	0.00
tblWater	ElectricityIntensityFactorForWastewaterTreatment	1,911.00	0.00
tblWater	ElectricityIntensityFactorToDistribute	1,272.00	0.00
tblWater	ElectricityIntensityFactorToDistribute	1,272.00	0.00
tblWater	ElectricityIntensityFactorToSupply	9,727.00	0.00
tblWater	ElectricityIntensityFactorToSupply	9,727.00	0.00
tblWater	ElectricityIntensityFactorToTreat	111.00	0.00
tblWater	ElectricityIntensityFactorToTreat	111.00	0.00
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	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					
2019	10.7954	124.6107	80.4789	0.1495	56.7311	5.3895	62.1206	20.3192	4.9588	24.2522	0.0000	14,846.2538	14,846.2538	4.5505	0.0000	14,960.0176
2020	4.7018	53.3736	40.6447	0.0778	85.8479	2.2713	87.3272	41.1430	2.0898	42.5044	0.0000	7,617.9895	7,617.9895	2.2133	0.0000	7,673.3206
2021	1.3031	13.9448	15.0419	0.0258	20.2562	0.6802	20.3390	10.1596	0.6258	10.2358	0.0000	2,521.6121	2,521.6121	0.7369	0.0000	2,540.0332
2022	36.7321	12.1024	15.0391	0.0260	21.7943	0.5703	21.9469	10.3208	0.5247	10.4678	0.0000	2,547.6850	2,547.6850	0.7370	0.0000	2,566.1104
Maximum	**36.7321**	**124.6107**	**80.4789**	**0.1495**	**85.8479**	**5.3895**	**87.3272**	**41.1430**	**4.9588**	**42.5044**	**0.0000**	**14,846.2538**	**14,846.2538**	**4.5505**	**0.0000**	**14,960.0176**

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					
2019	10.7954	124.6107	80.4789	0.1495	26.9575	5.3895	32.3470	8.0385	4.9588	12.9897	0.0000	14,846.2538	14,846.2538	4.5505	0.0000	14,960.0176
2020	4.7018	53.3736	40.6447	0.0778	36.6419	2.2713	38.1211	16.3997	2.0898	17.7612	0.0000	7,617.9895	7,617.9895	2.2133	0.0000	7,673.3206
2021	1.3031	13.9448	15.0419	0.0258	8.4095	0.6802	8.4923	4.0193	0.6258	4.0955	0.0000	2,521.6121	2,521.6121	0.7369	0.0000	2,540.0332
2022	36.7321	12.1024	15.0391	0.0260	9.3678	0.5703	9.5204	4.1225	0.5247	4.2695	0.0000	2,547.6850	2,547.6850	0.7370	0.0000	2,566.1104
Maximum	**36.7321**	**124.6107**	**80.4789**	**0.1495**	**36.6419**	**5.3895**	**38.1211**	**16.3997**	**4.9588**	**17.7612**	**0.0000**	**14,846.2538**	**14,846.2538**	**4.5505**	**0.0000**	**14,960.0176**

	ROG	NOx	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**	**55.92**	**0.00**	**53.85**	**60.24**	**0.00**	**55.28**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2220	1.9700e-003	0.1946	1.0000e-005		8.6000e-004	8.6000e-004		8.6000e-004	8.6000e-004	0.0000	0.3888	0.3888	7.7000e-004	0.0000	0.4081
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**0.2220**	**1.9700e-003**	**0.1946**	**1.0000e-005**	**0.0000**	**8.6000e-004**	**8.6000e-004**	**0.0000**	**8.6000e-004**	**8.6000e-004**	**0.0000**	**0.3888**	**0.3888**	**7.7000e-004**	**0.0000**	**0.4081**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2220	1.9700e-003	0.1946	1.0000e-005		8.6000e-004	8.6000e-004		8.6000e-004	8.6000e-004	0.0000	0.3888	0.3888	7.7000e-004	0.0000	0.4081
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**0.2220**	**1.9700e-003**	**0.1946**	**1.0000e-005**	**0.0000**	**8.6000e-004**	**8.6000e-004**	**0.0000**	**8.6000e-004**	**8.6000e-004**	**0.0000**	**0.3888**	**0.3888**	**7.7000e-004**	**0.0000**	**0.4081**

	ROG	NOx	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	South Haul	Site Preparation	8/1/2019	9/30/2019	5	43	
2	South Grading	Grading	8/1/2019	9/30/2019	5	43	
3	Off-site Central Grading	Grading	9/1/2019	9/30/2019	5	21	
4	South Utilities	Site Preparation	10/1/2019	5/31/2020	5	174	
5	Off-site Central Utilities	Site Preparation	10/1/2019	3/31/2020	5	131	
6	On-site Central Utilities	Site Preparation	1/1/2020	6/30/2020	5	130	
7	South Paving	Paving	4/1/2020	5/31/2020	5	43	
8	Off-site Central Paving	Paving	4/1/2020	4/30/2020	5	22	
9	Off-site Central Landscaping	Site Preparation	5/1/2020	5/30/2020	5	21	
10	South Landscaping	Site Preparation	5/1/2020	9/30/2020	5	109	
11	On-site Central Paving	Paving	6/1/2020	7/31/2020	5	45	
12	On-site Central Landscaping	Site Preparation	8/1/2020	11/30/2020	5	86	
13	Off-site North Grading	Grading	10/1/2020	10/31/2020	5	22	
14	Off-site North Utilities	Site Preparation	11/1/2020	12/31/2020	5	44	
15	Off-site North Pavement	Paving	1/1/2021	1/31/2021	5	21	
16	Off-site North Landscape	Site Preparation	3/1/2021	3/31/2021	5	23	
17	On-site North Utilities	Site Preparation	1/1/2022	1/30/2022	5	20	
18	On-site North Paving	Paving	6/1/2022	6/30/2022	5	22	
19	On-site North Landscaping	Site Preparation	7/1/2022	7/31/2022	5	21	
20	Striping	Architectural Coating	7/1/2022	7/31/2022	5	21	

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: 65,863

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
South Haul	Off-Highway Tractors	4	8.00	124	0.44
South Utilities	Excavators	1	8.00	158	0.38
South Utilities	Rubber Tired Loaders	1	8.00	203	0.36
Off-site Central Utilities	Excavators	1	8.00	158	0.38
Off-site Central Utilities	Rubber Tired Loaders	1	8.00	203	0.36
On-site Central Utilities	Excavators	1	8.00	158	0.38
On-site Central Utilities	Rubber Tired Loaders	1	8.00	203	0.36
Off-site Central Landscaping	Skid Steer Loaders	2	8.00	65	0.37
South Landscaping	Skid Steer Loaders	2	8.00	65	0.37
On-site Central Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Off-site North Utilities	Excavators	1	8.00	158	0.38
Off-site North Utilities	Rubber Tired Loaders	1	8.00	203	0.36
Off-site North Landscape	Skid Steer Loaders	2	8.00	65	0.37
On-site North Utilities	Excavators	1	8.00	158	0.38
On-site North Utilities	Rubber Tired Loaders	1	8.00	203	0.36
On-site North Landscaping	Skid Steer Loaders	2	8.00	65	0.37
South Grading	Excavators	2	8.00	158	0.38
South Grading	Graders	1	8.00	187	0.41
South Grading	Rubber Tired Dozers	1	8.00	247	0.40
South Grading	Scrapers	2	8.00	367	0.48
South Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Off-site Central Grading	Excavators	2	8.00	158	0.38
Off-site Central Grading	Graders	1	8.00	187	0.41
Off-site Central Grading	Rubber Tired Dozers	1	8.00	247	0.40
Off-site Central Grading	Scrapers	2	8.00	367	0.48
Off-site Central Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Off-site North Grading	Excavators	2	8.00	158	0.38

Off-site North Grading	Graders	1	8.00	187	0.41
Off-site North Grading	Rubber Tired Dozers	1	8.00	247	0.40
Off-site North Grading	Scrapers	2	8.00	367	0.48
Off-site North Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
South Paving	Pavers	2	8.00	130	0.42
South Paving	Paving Equipment	2	8.00	132	0.36
South Paving	Rollers	2	8.00	80	0.38
Off-site Central Paving	Pavers	2	8.00	130	0.42
Off-site Central Paving	Paving Equipment	2	8.00	132	0.36
Off-site Central Paving	Rollers	2	8.00	80	0.38
On-site Central Paving	Pavers	2	8.00	130	0.42
On-site Central Paving	Paving Equipment	2	8.00	132	0.36
On-site Central Paving	Rollers	2	8.00	80	0.38
Off-site North Pavement	Pavers	2	8.00	130	0.42
Off-site North Pavement	Paving Equipment	2	8.00	132	0.36
Off-site North Pavement	Rollers	2	8.00	80	0.38
On-site North Paving	Pavers	2	8.00	130	0.42
On-site North Paving	Paving Equipment	2	8.00	132	0.36
On-site North Paving	Rollers	2	8.00	80	0.38
Striping	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
South Haul	0	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
South Grading	0	10.00	4.00	437.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	HHDT
Off-site Central Grading	0	4.00	4.00	133.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	HHDT
South Utilities	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Off-site Central Utilities	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
On-site Central Utilities	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
South Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Off-site Central Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Off-site Central Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
South Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
On-site Central Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
On-site Central Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Off-site North Grading	0	10.00	4.00	25.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	HHDT
Off-site North Utilities	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Off-site North Pavement	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Off-site North Landscape	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
On-site North Utilities	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
On-site North Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
On-site North Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Striping	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 South Haul - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	1.1322	12.3462	12.3900	0.0188		0.6104	0.6104		0.5616	0.5616		1,860.7701	1,860.7701	0.5887		1,875.4883
Total	**1.1322**	**12.3462**	**12.3900**	**0.0188**	**18.0663**	**0.6104**	**18.6766**	**9.9307**	**0.5616**	**10.4922**		**1,860.7701**	**1,860.7701**	**0.5887**		**1,875.4883**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.8862	3.5100e-003	0.8897	0.0935	3.3600e-003	0.0968		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0266	0.0185	0.1754	4.9000e-004	1.9557	3.5000e-004	1.9561	0.2032	3.2000e-004	0.2035		49.0148	49.0148	1.5800e-003		49.0544
Total	**0.0458**	**0.5148**	**0.3174**	**1.5700e-003**	**2.8419**	**3.8600e-003**	**2.8457**	**0.2967**	**3.6800e-003**	**0.3003**		**164.4149**	**164.4149**	**0.0113**		**164.6976**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	1.1322	12.3462	12.3900	0.0188		0.6104	0.6104		0.5616	0.5616	0.0000	1,860.7701	1,860.7701	0.5887		1,875.4883
Total	**1.1322**	**12.3462**	**12.3900**	**0.0188**	**7.0458**	**0.6104**	**7.6562**	**3.8730**	**0.5616**	**4.4345**	**0.0000**	**1,860.7701**	**1,860.7701**	**0.5887**		**1,875.4883**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.5529	3.5100e-003	0.5564	0.0601	3.3600e-003	0.0635		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0266	0.0185	0.1754	4.9000e-004	1.2162	3.5000e-004	1.2165	0.1292	3.2000e-004	0.1296		49.0148	49.0148	1.5800e-003		49.0544
Total	**0.0458**	**0.5148**	**0.3174**	**1.5700e-003**	**1.7691**	**3.8600e-003**	**1.7729**	**0.1894**	**3.6800e-003**	**0.1931**		**164.4149**	**164.4149**	**0.0113**		**164.6976**

3.3 South Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.7389	54.5202	33.3768	0.0620		2.3827	2.3827		2.1920	2.1920		6,140.0195	6,140.0195	1.9426		6,188.5854
Total	**4.7389**	**54.5202**	**33.3768**	**0.0620**	**8.6733**	**2.3827**	**11.0560**	**3.5965**	**2.1920**	**5.7885**		**6,140.0195**	**6,140.0195**	**1.9426**		**6,188.5854**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0240	1.0310	0.2000	1.1100e-003	7.4795	1.3300e-003	7.4808	0.7467	1.2700e-003	0.7480		120.6648	120.6648	0.0259		121.3133
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.8862	3.5100e-003	0.8897	0.0935	3.3600e-003	0.0968		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0444	0.0308	0.2924	8.2000e-004	3.2596	5.9000e-004	3.2601	0.3387	5.4000e-004	0.3392		81.6914	81.6914	2.6400e-003		81.7573
Total	**0.0876**	**1.5581**	**0.6344**	**3.0100e-003**	**11.6252**	**5.4300e-003**	**11.6306**	**1.1788**	**5.1700e-003**	**1.1840**		**317.7563**	**317.7563**	**0.0383**		**318.7138**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	4.7389	54.5202	33.3768	0.0620		2.3827	2.3827		2.1920	2.1920	0.0000	6,140.0195	6,140.0195	1.9426		6,188.5854
Total	**4.7389**	**54.5202**	**33.3768**	**0.0620**	**3.3826**	**2.3827**	**5.7653**	**1.4026**	**2.1920**	**3.5947**	**0.0000**	**6,140.0195**	**6,140.0195**	**1.9426**		**6,188.5854**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0240	1.0310	0.2000	1.1100e-003	4.5798	1.3300e-003	4.5811	0.4567	1.2700e-003	0.4580		120.6648	120.6648	0.0259		121.3133
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.5529	3.5100e-003	0.5564	0.0601	3.3600e-003	0.0635		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0444	0.0308	0.2924	8.2000e-004	2.0270	5.9000e-004	2.0275	0.2154	5.4000e-004	0.2159		81.6914	81.6914	2.6400e-003		81.7573
Total	**0.0876**	**1.5581**	**0.6344**	**3.0100e-003**	**7.1597**	**5.4300e-003**	**7.1651**	**0.7323**	**5.1700e-003**	**0.7374**		**317.7563**	**317.7563**	**0.0383**		**318.7138**

3.4 Off-site Central Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.7389	54.5202	33.3768	0.0620		2.3827	2.3827		2.1920	2.1920		6,140.0195	6,140.0195	1.9426		6,188.5854
Total	**4.7389**	**54.5202**	**33.3768**	**0.0620**	**8.6733**	**2.3827**	**11.0560**	**3.5965**	**2.1920**	**5.7885**		**6,140.0195**	**6,140.0195**	**1.9426**		**6,188.5854**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0150	0.6425	0.1247	6.9000e-004	4.6611	8.3000e-004	4.6619	0.4653	7.9000e-004	0.4661		75.1969	75.1969	0.0162		75.6010
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.8862	3.5100e-003	0.8897	0.0935	3.3600e-003	0.0968		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0178	0.0123	0.1170	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.2000e-004	0.1357		32.6766	32.6766	1.0500e-003		32.7029
Total	**0.0519**	**1.1512**	**0.3836**	**2.1000e-003**	**6.8511**	**4.5700e-003**	**6.8557**	**0.6943**	**4.3700e-003**	**0.6986**		**223.2736**	**223.2736**	**0.0269**		**223.9472**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	4.7389	54.5202	33.3768	0.0620		2.3827	2.3827		2.1920	2.1920	0.0000	6,140.0195	6,140.0195	1.9426		6,188.5854
Total	**4.7389**	**54.5202**	**33.3768**	**0.0620**	**3.3826**	**2.3827**	**5.7653**	**1.4026**	**2.1920**	**3.5947**	**0.0000**	**6,140.0195**	**6,140.0195**	**1.9426**		**6,188.5854**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0150	0.6425	0.1247	6.9000e-004	2.8541	8.3000e-004	2.8549	0.2846	7.9000e-004	0.2854		75.1969	75.1969	0.0162		75.6010
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.5529	3.5100e-003	0.5564	0.0601	3.3600e-003	0.0635		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0178	0.0123	0.1170	3.3000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.2000e-004	0.0864		32.6766	32.6766	1.0500e-003		32.7029
Total	**0.0519**	**1.1512**	**0.3836**	**2.1000e-003**	**4.2178**	**4.5700e-003**	**4.2223**	**0.4309**	**4.3700e-003**	**0.4353**		**223.2736**	**223.2736**	**0.0269**		**223.9472**

3.5 South Utilities - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.6595	7.5082	4.9420	0.0114		0.2912	0.2912		0.2679	0.2679		1,129.9311	1,129.9311	0.3575		1,138.8686
Total	**0.6595**	**7.5082**	**4.9420**	**0.0114**	**18.0663**	**0.2912**	**18.3574**	**9.9307**	**0.2679**	**10.1985**		**1,129.9311**	**1,129.9311**	**0.3575**		**1,138.8686**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.8862	3.5100e-003	0.8897	0.0935	3.3600e-003	0.0968		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0178	0.0123	0.1170	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.2000e-004	0.1357		32.6766	32.6766	1.0500e-003		32.7029
Total	**0.0370**	**0.5087**	**0.2589**	**1.4100e-003**	**2.1900**	**3.7400e-003**	**2.1937**	**0.2289**	**3.5800e-003**	**0.2325**		**148.0767**	**148.0767**	**0.0108**		**148.3461**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6595	7.5082	4.9420	0.0114		0.2912	0.2912		0.2679	0.2679	0.0000	1,129.9311	1,129.9311	0.3575		1,138.8686
Total	**0.6595**	**7.5082**	**4.9420**	**0.0114**	**7.0458**	**0.2912**	**7.3370**	**3.8730**	**0.2679**	**4.1408**	**0.0000**	**1,129.9311**	**1,129.9311**	**0.3575**		**1,138.8686**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.5529	3.5100e-003	0.5564	0.0601	3.3600e-003	0.0635		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0178	0.0123	0.1170	3.3000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.2000e-004	0.0864		32.6766	32.6766	1.0500e-003		32.7029
Total	**0.0370**	**0.5087**	**0.2589**	**1.4100e-003**	**1.3637**	**3.7400e-003**	**1.3674**	**0.1463**	**3.5800e-003**	**0.1499**		**148.0767**	**148.0767**	**0.0108**		**148.3461**

3.5 South Utilities - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.6191	6.8222	4.9032	0.0114		0.2633	0.2633		0.2422	0.2422		1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.6191**	**6.8222**	**4.9032**	**0.0114**	**18.0663**	**0.2633**	**18.3295**	**9.9307**	**0.2422**	**10.1729**		**1,105.2783**	**1,105.2783**	**0.3575**		**1,114.2151**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**2.1900**	**2.4800e-003**	**2.1925**	**0.2289**	**2.3600e-003**	**0.2313**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6191	6.8222	4.9032	0.0114		0.2633	0.2633		0.2422	0.2422	0.0000	1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.6191**	**6.8222**	**4.9032**	**0.0114**	**7.0458**	**0.2633**	**7.3091**	**3.8730**	**0.2422**	**4.1152**	**0.0000**	**1,105.2783**	**1,105.2783**	**0.3575**		**1,114.2151**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.5529	2.2500e-003	0.5551	0.0601	2.1500e-003	0.0623		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**1.3637**	**2.4800e-003**	**1.3662**	**0.1463**	**2.3600e-003**	**0.1487**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

3.6 Off-site Central Utilities - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.6595	7.5082	4.9420	0.0114		0.2912	0.2912		0.2679	0.2679		1,129.9311	1,129.9311	0.3575		1,138.8686
Total	**0.6595**	**7.5082**	**4.9420**	**0.0114**	**18.0663**	**0.2912**	**18.3574**	**9.9307**	**0.2679**	**10.1985**		**1,129.9311**	**1,129.9311**	**0.3575**		**1,138.8686**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.8862	3.5100e-003	0.8897	0.0935	3.3600e-003	0.0968		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0178	0.0123	0.1170	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.2000e-004	0.1357		32.6766	32.6766	1.0500e-003		32.7029
Total	**0.0370**	**0.5087**	**0.2589**	**1.4100e-003**	**2.1900**	**3.7400e-003**	**2.1937**	**0.2289**	**3.5800e-003**	**0.2325**		**148.0767**	**148.0767**	**0.0108**		**148.3461**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6595	7.5082	4.9420	0.0114		0.2912	0.2912		0.2679	0.2679	0.0000	1,129.9311	1,129.9311	0.3575		1,138.8686
Total	**0.6595**	**7.5082**	**4.9420**	**0.0114**	**7.0458**	**0.2912**	**7.3370**	**3.8730**	**0.2679**	**4.1408**	**0.0000**	**1,129.9311**	**1,129.9311**	**0.3575**		**1,138.8686**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.5529	3.5100e-003	0.5564	0.0601	3.3600e-003	0.0635		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0178	0.0123	0.1170	3.3000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.2000e-004	0.0864		32.6766	32.6766	1.0500e-003		32.7029
Total	**0.0370**	**0.5087**	**0.2589**	**1.4100e-003**	**1.3637**	**3.7400e-003**	**1.3674**	**0.1463**	**3.5800e-003**	**0.1499**		**148.0767**	**148.0767**	**0.0108**		**148.3461**

3.6 Off-site Central Utilities - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.6191	6.8222	4.9032	0.0114		0.2633	0.2633		0.2422	0.2422		1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.6191**	**6.8222**	**4.9032**	**0.0114**	**18.0663**	**0.2633**	**18.3295**	**9.9307**	**0.2422**	**10.1729**		**1,105.2783**	**1,105.2783**	**0.3575**		**1,114.2151**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**2.1900**	**2.4800e-003**	**2.1925**	**0.2289**	**2.3600e-003**	**0.2313**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6191	6.8222	4.9032	0.0114		0.2633	0.2633		0.2422	0.2422	0.0000	1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.6191**	**6.8222**	**4.9032**	**0.0114**	**7.0458**	**0.2633**	**7.3091**	**3.8730**	**0.2422**	**4.1152**	**0.0000**	**1,105.2783**	**1,105.2783**	**0.3575**		**1,114.2151**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.5529	2.2500e-003	0.5551	0.0601	2.1500e-003	0.0623		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**1.3637**	**2.4800e-003**	**1.3662**	**0.1463**	**2.3600e-003**	**0.1487**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

3.7 On-site Central Utilities - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.6191	6.8222	4.9032	0.0114		0.2633	0.2633		0.2422	0.2422		1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.6191**	**6.8222**	**4.9032**	**0.0114**	**18.0663**	**0.2633**	**18.3295**	**9.9307**	**0.2422**	**10.1729**		**1,105.2783**	**1,105.2783**	**0.3575**		**1,114.2151**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**2.1900**	**2.4800e-003**	**2.1925**	**0.2289**	**2.3600e-003**	**0.2313**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6191	6.8222	4.9032	0.0114		0.2633	0.2633		0.2422	0.2422	0.0000	1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.6191**	**6.8222**	**4.9032**	**0.0114**	**7.0458**	**0.2633**	**7.3091**	**3.8730**	**0.2422**	**4.1152**	**0.0000**	**1,105.2783**	**1,105.2783**	**0.3575**		**1,114.2151**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.5529	2.2500e-003	0.5551	0.0601	2.1500e-003	0.0623		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**1.3637**	**2.4800e-003**	**1.3662**	**0.1463**	**2.3600e-003**	**0.1487**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

3.8 South Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3566**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**		**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0391	1.1267	0.3188	2.6700e-003	2.2154	5.6200e-003	2.2210	0.2337	5.3800e-003	0.2390		286.4622	286.4622	0.0231		287.0385
Worker	0.0333	0.0222	0.2138	6.4000e-004	2.6076	4.6000e-004	2.6081	0.2709	4.2000e-004	0.2713		63.2906	63.2906	1.9100e-003		63.3382
Total	**0.0724**	**1.1489**	**0.5326**	**3.3100e-003**	**4.8230**	**6.0800e-003**	**4.8291**	**0.5046**	**5.8000e-003**	**0.5104**		**349.7528**	**349.7528**	**0.0250**		**350.3767**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3566**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**	**0.0000**	**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0391	1.1267	0.3188	2.6700e-003	1.3822	5.6200e-003	1.3879	0.1503	5.3800e-003	0.1557		286.4622	286.4622	0.0231		287.0385
Worker	0.0333	0.0222	0.2138	6.4000e-004	1.6216	4.6000e-004	1.6220	0.1723	4.2000e-004	0.1727		63.2906	63.2906	1.9100e-003		63.3382
Total	**0.0724**	**1.1489**	**0.5326**	**3.3100e-003**	**3.0038**	**6.0800e-003**	**3.0099**	**0.3227**	**5.8000e-003**	**0.3285**		**349.7528**	**349.7528**	**0.0250**		**350.3767**

3.9 Off-site Central Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3566**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**		**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0391	1.1267	0.3188	2.6700e-003	2.2154	5.6200e-003	2.2210	0.2337	5.3800e-003	0.2390		286.4622	286.4622	0.0231		287.0385
Worker	0.0333	0.0222	0.2138	6.4000e-004	2.6076	4.6000e-004	2.6081	0.2709	4.2000e-004	0.2713		63.2906	63.2906	1.9100e-003		63.3382
Total	**0.0724**	**1.1489**	**0.5326**	**3.3100e-003**	**4.8230**	**6.0800e-003**	**4.8291**	**0.5046**	**5.8000e-003**	**0.5104**		**349.7528**	**349.7528**	**0.0250**		**350.3767**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3566**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**	**0.0000**	**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0391	1.1267	0.3188	2.6700e-003	1.3822	5.6200e-003	1.3879	0.1503	5.3800e-003	0.1557		286.4622	286.4622	0.0231		287.0385
Worker	0.0333	0.0222	0.2138	6.4000e-004	1.6216	4.6000e-004	1.6220	0.1723	4.2000e-004	0.1727		63.2906	63.2906	1.9100e-003		63.3382
Total	**0.0724**	**1.1489**	**0.5326**	**3.3100e-003**	**3.0038**	**6.0800e-003**	**3.0099**	**0.3227**	**5.8000e-003**	**0.3285**		**349.7528**	**349.7528**	**0.0250**		**350.3767**

3.10 Off-site Central Landscaping - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.1598	2.1248	2.7801	4.1400e-003		0.0920	0.0920		0.0846	0.0846		400.3375	400.3375	0.1295		403.5744
Total	**0.1598**	**2.1248**	**2.7801**	**4.1400e-003**	**18.0663**	**0.0920**	**18.1582**	**9.9307**	**0.0846**	**10.0153**		**400.3375**	**400.3375**	**0.1295**		**403.5744**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**2.1900**	**2.4800e-003**	**2.1925**	**0.2289**	**2.3600e-003**	**0.2313**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.1598	2.1248	2.7801	4.1400e-003		0.0920	0.0920		0.0846	0.0846	0.0000	400.3375	400.3375	0.1295		403.5744
Total	**0.1598**	**2.1248**	**2.7801**	**4.1400e-003**	**7.0458**	**0.0920**	**7.1378**	**3.8730**	**0.0846**	**3.9576**	**0.0000**	**400.3375**	**400.3375**	**0.1295**		**403.5744**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.5529	2.2500e-003	0.5551	0.0601	2.1500e-003	0.0623		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**1.3637**	**2.4800e-003**	**1.3662**	**0.1463**	**2.3600e-003**	**0.1487**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

3.11 South Landscaping - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.1598	2.1248	2.7801	4.1400e-003		0.0920	0.0920		0.0846	0.0846		400.3375	400.3375	0.1295		403.5744
Total	**0.1598**	**2.1248**	**2.7801**	**4.1400e-003**	**18.0663**	**0.0920**	**18.1582**	**9.9307**	**0.0846**	**10.0153**		**400.3375**	**400.3375**	**0.1295**		**403.5744**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**2.1900**	**2.4800e-003**	**2.1925**	**0.2289**	**2.3600e-003**	**0.2313**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.1598	2.1248	2.7801	4.1400e-003		0.0920	0.0920		0.0846	0.0846	0.0000	400.3375	400.3375	0.1295		403.5744
Total	**0.1598**	**2.1248**	**2.7801**	**4.1400e-003**	**7.0458**	**0.0920**	**7.1378**	**3.8730**	**0.0846**	**3.9576**	**0.0000**	**400.3375**	**400.3375**	**0.1295**		**403.5744**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.5529	2.2500e-003	0.5551	0.0601	2.1500e-003	0.0623		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**1.3637**	**2.4800e-003**	**1.3662**	**0.1463**	**2.3600e-003**	**0.1487**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

3.12 On-site Central Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3566**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**		**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0391	1.1267	0.3188	2.6700e-003	2.2154	5.6200e-003	2.2210	0.2337	5.3800e-003	0.2390		286.4622	286.4622	0.0231		287.0385
Worker	0.0333	0.0222	0.2138	6.4000e-004	2.6076	4.6000e-004	2.6081	0.2709	4.2000e-004	0.2713		63.2906	63.2906	1.9100e-003		63.3382
Total	**0.0724**	**1.1489**	**0.5326**	**3.3100e-003**	**4.8230**	**6.0800e-003**	**4.8291**	**0.5046**	**5.8000e-003**	**0.5104**		**349.7528**	**349.7528**	**0.0250**		**350.3767**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3566**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**	**0.0000**	**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0391	1.1267	0.3188	2.6700e-003	1.3822	5.6200e-003	1.3879	0.1503	5.3800e-003	0.1557		286.4622	286.4622	0.0231		287.0385
Worker	0.0333	0.0222	0.2138	6.4000e-004	1.6216	4.6000e-004	1.6220	0.1723	4.2000e-004	0.1727		63.2906	63.2906	1.9100e-003		63.3382
Total	**0.0724**	**1.1489**	**0.5326**	**3.3100e-003**	**3.0038**	**6.0800e-003**	**3.0099**	**0.3227**	**5.8000e-003**	**0.3285**		**349.7528**	**349.7528**	**0.0250**		**350.3767**

3.13 On-site Central Landscaping - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.1598	2.1248	2.7801	4.1400e-003		0.0920	0.0920		0.0846	0.0846		400.3375	400.3375	0.1295		403.5744
Total	**0.1598**	**2.1248**	**2.7801**	**4.1400e-003**	**18.0663**	**0.0920**	**18.1582**	**9.9307**	**0.0846**	**10.0153**		**400.3375**	**400.3375**	**0.1295**		**403.5744**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**2.1900**	**2.4800e-003**	**2.1925**	**0.2289**	**2.3600e-003**	**0.2313**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.1598	2.1248	2.7801	4.1400e-003		0.0920	0.0920		0.0846	0.0846	0.0000	400.3375	400.3375	0.1295		403.5744
Total	**0.1598**	**2.1248**	**2.7801**	**4.1400e-003**	**7.0458**	**0.0920**	**7.1378**	**3.8730**	**0.0846**	**3.9576**	**0.0000**	**400.3375**	**400.3375**	**0.1295**		**403.5744**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.5529	2.2500e-003	0.5551	0.0601	2.1500e-003	0.0623		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**1.3637**	**2.4800e-003**	**1.3662**	**0.1463**	**2.3600e-003**	**0.1487**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

3.14 Off-site North Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000		6,005.8653	6,005.8653	1.9424		6,054.4257
Total	**4.4501**	**50.1975**	**31.9583**	**0.0620**	**8.6733**	**2.1739**	**10.8472**	**3.5965**	**2.0000**	**5.5965**		**6,005.8653**	**6,005.8653**	**1.9424**		**6,054.4257**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.3900e-003	0.1111	0.0207	1.2000e-004	0.8363	1.1000e-004	0.8364	0.0835	1.0000e-004	0.0836		13.5105	13.5105	2.6900e-003		13.5778
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0416	0.0278	0.2673	7.9000e-004	3.2596	5.8000e-004	3.2601	0.3387	5.3000e-004	0.3392		79.1132	79.1132	2.3800e-003		79.1727
Total	**0.0596**	**0.5895**	**0.4155**	**1.9800e-003**	**4.9820**	**2.9400e-003**	**4.9850**	**0.5156**	**2.7800e-003**	**0.5184**		**207.2086**	**207.2086**	**0.0143**		**207.5659**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000	0.0000	6,005.8653	6,005.8653	1.9424		6,054.4257
Total	**4.4501**	**50.1975**	**31.9583**	**0.0620**	**3.3826**	**2.1739**	**5.5565**	**1.4026**	**2.0000**	**3.4026**	**0.0000**	**6,005.8653**	**6,005.8653**	**1.9424**		**6,054.4257**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.3900e-003	0.1111	0.0207	1.2000e-004	0.5121	1.1000e-004	0.5122	0.0511	1.0000e-004	0.0512		13.5105	13.5105	2.6900e-003		13.5778
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.5529	2.2500e-003	0.5551	0.0601	2.1500e-003	0.0623		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0416	0.0278	0.2673	7.9000e-004	2.0270	5.8000e-004	2.0275	0.2154	5.3000e-004	0.2159		79.1132	79.1132	2.3800e-003		79.1727
Total	**0.0596**	**0.5895**	**0.4155**	**1.9800e-003**	**3.0919**	**2.9400e-003**	**3.0949**	**0.3266**	**2.7800e-003**	**0.3294**		**207.2086**	**207.2086**	**0.0143**		**207.5659**

3.15 Off-site North Utilities - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.6191	6.8222	4.9032	0.0114		0.2633	0.2633		0.2422	0.2422		1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.6191**	**6.8222**	**4.9032**	**0.0114**	**18.0663**	**0.2633**	**18.3295**	**9.9307**	**0.2422**	**10.1729**		**1,105.2783**	**1,105.2783**	**0.3575**		**1,114.2151**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**2.1900**	**2.4800e-003**	**2.1925**	**0.2289**	**2.3600e-003**	**0.2313**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6191	6.8222	4.9032	0.0114		0.2633	0.2633		0.2422	0.2422	0.0000	1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.6191**	**6.8222**	**4.9032**	**0.0114**	**7.0458**	**0.2633**	**7.3091**	**3.8730**	**0.2422**	**4.1152**	**0.0000**	**1,105.2783**	**1,105.2783**	**0.3575**		**1,114.2151**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.5529	2.2500e-003	0.5551	0.0601	2.1500e-003	0.0623		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		31.6453	31.6453	9.5000e-004		31.6691
Total	**0.0323**	**0.4618**	**0.2344**	**1.3900e-003**	**1.3637**	**2.4800e-003**	**1.3662**	**0.1463**	**2.3600e-003**	**0.1487**		**146.2302**	**146.2302**	**0.0102**		**146.4845**

3.16 Off-site North Pavement - 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	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.2556**	**12.9191**	**14.6532**	**0.0228**		**0.6777**	**0.6777**		**0.6235**	**0.6235**		**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0319	1.0156	0.2890	2.6400e-003	2.2154	2.2300e-003	2.2176	0.2337	2.1300e-003	0.2358		283.8193	283.8193	0.0221		284.3721
Worker	0.0157	0.0101	0.0997	3.1000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0476**	**1.0257**	**0.3887**	**2.9500e-003**	**3.5192**	**2.4600e-003**	**3.5217**	**0.3691**	**2.3400e-003**	**0.3715**		**314.4012**	**314.4012**	**0.0230**		**314.9759**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.2556**	**12.9191**	**14.6532**	**0.0228**		**0.6777**	**0.6777**		**0.6235**	**0.6235**	**0.0000**	**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0319	1.0156	0.2890	2.6400e-003	1.3822	2.2300e-003	1.3845	0.1503	2.1300e-003	0.1525		283.8193	283.8193	0.0221		284.3721
Worker	0.0157	0.0101	0.0997	3.1000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0476**	**1.0257**	**0.3887**	**2.9500e-003**	**2.1930**	**2.4600e-003**	**2.1955**	**0.2365**	**2.3400e-003**	**0.2388**		**314.4012**	**314.4012**	**0.0230**		**314.9759**

3.17 Off-site North Landscape - 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.1510	2.0071	2.7799	4.1400e-003		0.0817	0.0817		0.0751	0.0751		400.3967	400.3967	0.1295		403.6342
Total	**0.1510**	**2.0071**	**2.7799**	**4.1400e-003**	**18.0663**	**0.0817**	**18.1479**	**9.9307**	**0.0751**	**10.0058**		**400.3967**	**400.3967**	**0.1295**		**403.6342**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**2.1900**	**1.1200e-003**	**2.1911**	**0.2289**	**1.0600e-003**	**0.2300**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.1510	2.0071	2.7799	4.1400e-003		0.0817	0.0817		0.0751	0.0751	0.0000	400.3967	400.3967	0.1295		403.6342
Total	**0.1510**	**2.0071**	**2.7799**	**4.1400e-003**	**7.0458**	**0.0817**	**7.1275**	**3.8730**	**0.0751**	**3.9481**	**0.0000**	**400.3967**	**400.3967**	**0.1295**		**403.6342**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.5529	8.9000e-004	0.5538	0.0601	8.5000e-004	0.0610		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		30.5819	30.5819	8.8000e-004		30.6039
Total	**0.0284**	**0.4163**	**0.2153**	**1.3700e-003**	**1.3637**	**1.1200e-003**	**1.3648**	**0.1463**	**1.0600e-003**	**0.1474**		**144.1096**	**144.1096**	**9.7200e-003**		**144.3527**

3.18 On-site North Utilities - 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			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**	**18.0663**	**0.1874**	**18.2536**	**9.9307**	**0.1724**	**10.1031**		**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	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**2.1900**	**9.9000e-004**	**2.1910**	**0.2289**	**9.3000e-004**	**0.2299**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			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**	**7.0458**	**0.1874**	**7.2332**	**3.8730**	**0.1724**	**4.0454**	**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	0.0119	0.3836	0.1094	1.0400e-003	0.5529	7.7000e-004	0.5537	0.0601	7.3000e-004	0.0609		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.8108	2.2000e-004	0.8110	0.0862	2.0000e-004	0.0864		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**1.3637**	**9.9000e-004**	**1.3647**	**0.1463**	**9.3000e-004**	**0.1472**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

3.19 On-site North Paving - 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	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1028**	**11.1249**	**14.5805**	**0.0228**		**0.5679**	**0.5679**		**0.5225**	**0.5225**		**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.9591	0.2736	2.6100e-003	2.2154	1.9200e-003	2.2173	0.2337	1.8300e-003	0.2355		281.1026	281.1026	0.0214		281.6377
Worker	0.0297	0.0184	0.1851	5.9000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.1000e-004	0.2713		58.9221	58.9221	1.6100e-003		58.9623
Total	**0.0594**	**0.9775**	**0.4587**	**3.2000e-003**	**4.8230**	**2.3600e-003**	**4.8254**	**0.5046**	**2.2400e-003**	**0.5068**		**340.0247**	**340.0247**	**0.0230**		**340.6000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1028**	**11.1249**	**14.5805**	**0.0228**		**0.5679**	**0.5679**		**0.5225**	**0.5225**	**0.0000**	**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.9591	0.2736	2.6100e-003	1.3822	1.9200e-003	1.3842	0.1503	1.8300e-003	0.1522		281.1026	281.1026	0.0214		281.6377
Worker	0.0297	0.0184	0.1851	5.9000e-004	1.6216	4.4000e-004	1.6220	0.1723	4.1000e-004	0.1727		58.9221	58.9221	1.6100e-003		58.9623
Total	**0.0594**	**0.9775**	**0.4587**	**3.2000e-003**	**3.0038**	**2.3600e-003**	**3.0062**	**0.3227**	**2.2400e-003**	**0.3249**		**340.0247**	**340.0247**	**0.0230**		**340.6000**

3.20 On-site North Landscaping - 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.1392	1.8572	2.7744	4.1400e-003		0.0690	0.0690		0.0635	0.0635		400.7825	400.7825	0.1296		404.0230
Total	**0.1392**	**1.8572**	**2.7744**	**4.1400e-003**	**18.0663**	**0.0690**	**18.1353**	**9.9307**	**0.0635**	**9.9942**		**400.7825**	**400.7825**	**0.1296**		**404.0230**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**2.1900**	**9.9000e-004**	**2.1910**	**0.2289**	**9.3000e-004**	**0.2299**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.1392	1.8572	2.7744	4.1400e-003		0.0690	0.0690		0.0635	0.0635	0.0000	400.7825	400.7825	0.1296		404.0230
Total	**0.1392**	**1.8572**	**2.7744**	**4.1400e-003**	**7.0458**	**0.0690**	**7.1149**	**3.8730**	**0.0635**	**3.9365**	**0.0000**	**400.7825**	**400.7825**	**0.1296**		**404.0230**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.5529	7.7000e-004	0.5537	0.0601	7.3000e-004	0.0609		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.8108	2.2000e-004	0.8110	0.0862	2.0000e-004	0.0864		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**1.3637**	**9.9000e-004**	**1.3647**	**0.1463**	**9.3000e-004**	**0.1472**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

3.21 Striping - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	36.3423					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	**36.5468**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.9062**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	7.4300e-003	4.6000e-003	0.0463	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.7305	14.7305	4.0000e-004		14.7406
Total	**0.0193**	**0.3882**	**0.1557**	**1.1900e-003**	**1.5381**	**8.8000e-004**	**1.5389**	**0.1612**	**8.3000e-004**	**0.1620**		**127.1716**	**127.1716**	**8.9600e-003**		**127.3957**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	36.3423					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	**36.5468**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.9062**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.5529	7.7000e-004	0.5537	0.0601	7.3000e-004	0.0609		112.4411	112.4411	8.5600e-003		112.6551
Worker	7.4300e-003	4.6000e-003	0.0463	1.5000e-004	0.4054	1.1000e-004	0.4055	0.0431	1.0000e-004	0.0432		14.7305	14.7305	4.0000e-004		14.7406
Total	**0.0193**	**0.3882**	**0.1557**	**1.1900e-003**	**0.9583**	**8.8000e-004**	**0.9592**	**0.1032**	**8.3000e-004**	**0.1041**		**127.1716**	**127.1716**	**8.9600e-003**		**127.3957**

CalEEMod Version: CalEEMod.2016.3.1 Date: 9/26/2017 8:31 AM

Off-Site Grading and PVR - LEA

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	1,097.71	1000sqft	0.00	1,097,710.00	0
User Defined Residential	1.00	Dwelling Unit	34.80	0.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2023
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Land Use - Includes off-site grading

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table

Vehicle Trips - Operational Emissions Modeled Separately

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Energy Use - Operational Emissions Modeled Separately

Water And Wastewater - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblConsumerProducts	ROG_EF	2.14E-05	1E-16
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-16
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-18
tblEnergyUse	LightingElect	0.88	0.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblLandUse	LotAcreage	25.20	0.00
tblLandUse	LotAcreage	0.00	34.80
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00

tblOffRoadEquipment	PhaseName		On-site North Utilities
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tblOffRoadEquipment	PhaseName		Off-site Central Utilities
tblOffRoadEquipment	PhaseName		On-site Central Utilities
tblOffRoadEquipment	PhaseName		Off-site North Utilities
tblOffRoadEquipment	PhaseName		South Haul
tblOffRoadEquipment	PhaseName		On-site North Utilities
tblOffRoadEquipment	PhaseName		South Utilities
tblOffRoadEquipment	PhaseName		Off-site Central Utilities
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tblOffRoadEquipment	PhaseName		Off-site North Utilities
tblOffRoadEquipment	PhaseName		On-site North Landscaping
tblOffRoadEquipment	PhaseName		Off-site Central Landscaping
tblOffRoadEquipment	PhaseName		South Landscaping
tblOffRoadEquipment	PhaseName		On-site Central Landscaping
tblOffRoadEquipment	PhaseName		Off-site North Landscape
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
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tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	OperationalYear	2018	2023

tblVehicleTrips	CC_TL	7.30	0.00
tblVehicleTrips	CNW_TL	7.30	0.00
tblVehicleTrips	CW_TL	9.50	0.00
tblVehicleTrips	HO_TL	7.50	0.00
tblVehicleTrips	HS_TL	7.30	0.00
tblVehicleTrips	HW_TL	10.80	0.00
tblWater	ElectricityIntensityFactorForWastewaterTreatment	1,911.00	0.00
tblWater	ElectricityIntensityFactorForWastewaterTreatment	1,911.00	0.00
tblWater	ElectricityIntensityFactorToDistribute	1,272.00	0.00
tblWater	ElectricityIntensityFactorToDistribute	1,272.00	0.00
tblWater	ElectricityIntensityFactorToSupply	9,727.00	0.00
tblWater	ElectricityIntensityFactorToSupply	9,727.00	0.00
tblWater	ElectricityIntensityFactorToTreat	111.00	0.00
tblWater	ElectricityIntensityFactorToTreat	111.00	0.00
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	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					
2019	10.7786	124.6659	80.3872	0.1499	56.7311	5.3889	62.1200	20.3192	4.9582	24.2516	0.0000	14,889.9554	14,889.9554	4.5445	0.0000	15,003.5668
2020	4.6933	53.3742	40.5953	0.0782	85.8479	2.2712	87.3269	41.1430	2.0897	42.5042	0.0000	7,651.5951	7,651.5951	2.2098	0.0000	7,706.8392
2021	1.2996	13.9464	15.0188	0.0258	20.2562	0.6801	20.3390	10.1596	0.6258	10.2358	0.0000	2,531.1405	2,531.1405	0.7356	0.0000	2,549.5306
2022	36.7282	12.1036	15.0236	0.0261	21.7943	0.5702	21.9468	10.3208	0.5246	10.4677	0.0000	2,559.0389	2,559.0389	0.7359	0.0000	2,577.4360
Maximum	**36.7282**	**124.6659**	**80.3872**	**0.1499**	**85.8479**	**5.3889**	**87.3269**	**41.1430**	**4.9582**	**42.5042**	**0.0000**	**14,889.9554**	**14,889.9554**	**4.5445**	**0.0000**	**15,003.5668**

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					
2019	10.7786	124.6659	80.3872	0.1499	26.9575	5.3889	32.3464	8.0385	4.9582	12.9891	0.0000	14,889.9554	14,889.9554	4.5445	0.0000	15,003.5668
2020	4.6933	53.3742	40.5953	0.0782	36.6419	2.2712	38.1208	16.3997	2.0897	17.7609	0.0000	7,651.5951	7,651.5951	2.2098	0.0000	7,706.8392
2021	1.2996	13.9464	15.0188	0.0258	8.4095	0.6801	8.4923	4.0193	0.6258	4.0954	0.0000	2,531.1405	2,531.1405	0.7356	0.0000	2,549.5306
2022	36.7282	12.1036	15.0236	0.0261	9.3678	0.5702	9.5203	4.1225	0.5246	4.2694	0.0000	2,559.0389	2,559.0389	0.7359	0.0000	2,577.4360
Maximum	**36.7282**	**124.6659**	**80.3872**	**0.1499**	**36.6419**	**5.3889**	**38.1208**	**16.3997**	**4.9582**	**17.7609**	**0.0000**	**14,889.9554**	**14,889.9554**	**4.5445**	**0.0000**	**15,003.5668**

	ROG	NOx	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**	**55.92**	**0.00**	**53.85**	**60.24**	**0.00**	**55.28**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2220	1.9700e-003	0.1946	1.0000e-005		8.6000e-004	8.6000e-004		8.6000e-004	8.6000e-004	0.0000	0.3888	0.3888	7.7000e-004	0.0000	0.4081
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**0.2220**	**1.9700e-003**	**0.1946**	**1.0000e-005**	**0.0000**	**8.6000e-004**	**8.6000e-004**	**0.0000**	**8.6000e-004**	**8.6000e-004**	**0.0000**	**0.3888**	**0.3888**	**7.7000e-004**	**0.0000**	**0.4081**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.2220	1.9700e-003	0.1946	1.0000e-005		8.6000e-004	8.6000e-004		8.6000e-004	8.6000e-004	0.0000	0.3888	0.3888	7.7000e-004	0.0000	0.4081
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**0.2220**	**1.9700e-003**	**0.1946**	**1.0000e-005**	**0.0000**	**8.6000e-004**	**8.6000e-004**	**0.0000**	**8.6000e-004**	**8.6000e-004**	**0.0000**	**0.3888**	**0.3888**	**7.7000e-004**	**0.0000**	**0.4081**

	ROG	NOx	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	South Haul	Site Preparation	8/1/2019	9/30/2019	5	43	
2	South Grading	Grading	8/1/2019	9/30/2019	5	43	
3	Off-site Central Grading	Grading	9/1/2019	9/30/2019	5	21	
4	South Utilities	Site Preparation	10/1/2019	5/31/2020	5	174	
5	Off-site Central Utilities	Site Preparation	10/1/2019	3/31/2020	5	131	
6	On-site Central Utilities	Site Preparation	1/1/2020	6/30/2020	5	130	
7	South Paving	Paving	4/1/2020	5/31/2020	5	43	
8	Off-site Central Paving	Paving	4/1/2020	4/30/2020	5	22	
9	Off-site Central Landscaping	Site Preparation	5/1/2020	5/30/2020	5	21	
10	South Landscaping	Site Preparation	5/1/2020	9/30/2020	5	109	
11	On-site Central Paving	Paving	6/1/2020	7/31/2020	5	45	
12	On-site Central Landscaping	Site Preparation	8/1/2020	11/30/2020	5	86	
13	Off-site North Grading	Grading	10/1/2020	10/31/2020	5	22	
14	Off-site North Utilities	Site Preparation	11/1/2020	12/31/2020	5	44	
15	Off-site North Pavement	Paving	1/1/2021	1/31/2021	5	21	
16	Off-site North Landscape	Site Preparation	3/1/2021	3/31/2021	5	23	
17	On-site North Utilities	Site Preparation	1/1/2022	1/30/2022	5	20	
18	On-site North Paving	Paving	6/1/2022	6/30/2022	5	22	
19	On-site North Landscaping	Site Preparation	7/1/2022	7/31/2022	5	21	
20	Striping	Architectural Coating	7/1/2022	7/31/2022	5	21	

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: 65,863

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
South Haul	Off-Highway Tractors	4	8.00	124	0.44
South Utilities	Excavators	1	8.00	158	0.38
South Utilities	Rubber Tired Loaders	1	8.00	203	0.36
Off-site Central Utilities	Excavators	1	8.00	158	0.38
Off-site Central Utilities	Rubber Tired Loaders	1	8.00	203	0.36
On-site Central Utilities	Excavators	1	8.00	158	0.38
On-site Central Utilities	Rubber Tired Loaders	1	8.00	203	0.36
Off-site Central Landscaping	Skid Steer Loaders	2	8.00	65	0.37
South Landscaping	Skid Steer Loaders	2	8.00	65	0.37
On-site Central Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Off-site North Utilities	Excavators	1	8.00	158	0.38
Off-site North Utilities	Rubber Tired Loaders	1	8.00	203	0.36
Off-site North Landscape	Skid Steer Loaders	2	8.00	65	0.37
On-site North Utilities	Excavators	1	8.00	158	0.38
On-site North Utilities	Rubber Tired Loaders	1	8.00	203	0.36
On-site North Landscaping	Skid Steer Loaders	2	8.00	65	0.37
South Grading	Excavators	2	8.00	158	0.38
South Grading	Graders	1	8.00	187	0.41
South Grading	Rubber Tired Dozers	1	8.00	247	0.40
South Grading	Scrapers	2	8.00	367	0.48
South Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Off-site Central Grading	Excavators	2	8.00	158	0.38
Off-site Central Grading	Graders	1	8.00	187	0.41
Off-site Central Grading	Rubber Tired Dozers	1	8.00	247	0.40
Off-site Central Grading	Scrapers	2	8.00	367	0.48
Off-site Central Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Off-site North Grading	Excavators	2	8.00	158	0.38

Off-site North Grading	Graders	1	8.00	187	0.41
Off-site North Grading	Rubber Tired Dozers	1	8.00	247	0.40
Off-site North Grading	Scrapers	2	8.00	367	0.48
Off-site North Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
South Paving	Pavers	2	8.00	130	0.42
South Paving	Paving Equipment	2	8.00	132	0.36
South Paving	Rollers	2	8.00	80	0.38
Off-site Central Paving	Pavers	2	8.00	130	0.42
Off-site Central Paving	Paving Equipment	2	8.00	132	0.36
Off-site Central Paving	Rollers	2	8.00	80	0.38
On-site Central Paving	Pavers	2	8.00	130	0.42
On-site Central Paving	Paving Equipment	2	8.00	132	0.36
On-site Central Paving	Rollers	2	8.00	80	0.38
Off-site North Pavement	Pavers	2	8.00	130	0.42
Off-site North Pavement	Paving Equipment	2	8.00	132	0.36
Off-site North Pavement	Rollers	2	8.00	80	0.38
On-site North Paving	Pavers	2	8.00	130	0.42
On-site North Paving	Paving Equipment	2	8.00	132	0.36
On-site North Paving	Rollers	2	8.00	80	0.38
Striping	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
South Haul	0	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
South Grading	0	10.00	4.00	437.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	HHDT
Off-site Central Grading	0	4.00	4.00	133.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	HHDT
South Utilities	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Off-site Central Utilities	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
On-site Central Utilities	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
South Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Off-site Central Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Off-site Central Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
South Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
On-site Central Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
On-site Central Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Off-site North Grading	0	10.00	4.00	25.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	HHDT
Off-site North Utilities	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Off-site North Pavement	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Off-site North Landscape	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
On-site North Utilities	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
On-site North Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
On-site North Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Striping	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 South Haul - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	1.1322	12.3462	12.3900	0.0188		0.6104	0.6104		0.5616	0.5616		1,860.7701	1,860.7701	0.5887		1,875.4883
Total	**1.1322**	**12.3462**	**12.3900**	**0.0188**	**18.0663**	**0.6104**	**18.6766**	**9.9307**	**0.5616**	**10.4922**		**1,860.7701**	**1,860.7701**	**0.5887**		**1,875.4883**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.8862	3.4500e-003	0.8896	0.0935	3.3000e-003	0.0968		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0236	0.0164	0.1857	5.2000e-004	1.9557	3.5000e-004	1.9561	0.2032	3.2000e-004	0.2035		52.2120	52.2120	1.6700e-003		52.2537
Total	**0.0420**	**0.5124**	**0.3137**	**1.6200e-003**	**2.8419**	**3.8000e-003**	**2.8457**	**0.2967**	**3.6200e-003**	**0.3003**		**170.6186**	**170.6186**	**0.0108**		**170.8889**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	1.1322	12.3462	12.3900	0.0188		0.6104	0.6104		0.5616	0.5616	0.0000	1,860.7701	1,860.7701	0.5887		1,875.4883
Total	**1.1322**	**12.3462**	**12.3900**	**0.0188**	**7.0458**	**0.6104**	**7.6562**	**3.8730**	**0.5616**	**4.4345**	**0.0000**	**1,860.7701**	**1,860.7701**	**0.5887**		**1,875.4883**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.5529	3.4500e-003	0.5564	0.0601	3.3000e-003	0.0634		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0236	0.0164	0.1857	5.2000e-004	1.2162	3.5000e-004	1.2165	0.1292	3.2000e-004	0.1296		52.2120	52.2120	1.6700e-003		52.2537
Total	**0.0420**	**0.5124**	**0.3137**	**1.6200e-003**	**1.7691**	**3.8000e-003**	**1.7729**	**0.1894**	**3.6200e-003**	**0.1930**		**170.6186**	**170.6186**	**0.0108**		**170.8889**

3.3 South Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.7389	54.5202	33.3768	0.0620		2.3827	2.3827		2.1920	2.1920		6,140.0195	6,140.0195	1.9426		6,188.5854
Total	**4.7389**	**54.5202**	**33.3768**	**0.0620**	**8.6733**	**2.3827**	**11.0560**	**3.5965**	**2.1920**	**5.7885**		**6,140.0195**	**6,140.0195**	**1.9426**		**6,188.5854**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0215	1.0700	0.1483	1.2500e-003	7.4795	1.0600e-003	7.4805	0.7467	1.0100e-003	0.7477		135.4658	135.4658	0.0231		136.0429
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.8862	3.4500e-003	0.8896	0.0935	3.3000e-003	0.0968		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0393	0.0274	0.3094	8.7000e-004	3.2596	5.9000e-004	3.2601	0.3387	5.4000e-004	0.3392		87.0200	87.0200	2.7800e-003		87.0894
Total	**0.0792**	**1.5933**	**0.5858**	**3.2200e-003**	**11.6252**	**5.1000e-003**	**11.6303**	**1.1788**	**4.8500e-003**	**1.1837**		**340.8924**	**340.8924**	**0.0350**		**341.7675**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	4.7389	54.5202	33.3768	0.0620		2.3827	2.3827		2.1920	2.1920	0.0000	6,140.0195	6,140.0195	1.9426		6,188.5854
Total	**4.7389**	**54.5202**	**33.3768**	**0.0620**	**3.3826**	**2.3827**	**5.7653**	**1.4026**	**2.1920**	**3.5947**	**0.0000**	**6,140.0195**	**6,140.0195**	**1.9426**		**6,188.5854**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0215	1.0700	0.1483	1.2500e-003	4.5798	1.0600e-003	4.5809	0.4567	1.0100e-003	0.4577		135.4658	135.4658	0.0231		136.0429
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.5529	3.4500e-003	0.5564	0.0601	3.3000e-003	0.0634		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0393	0.0274	0.3094	8.7000e-004	2.0270	5.9000e-004	2.0275	0.2154	5.4000e-004	0.2159		87.0200	87.0200	2.7800e-003		87.0894
Total	**0.0792**	**1.5933**	**0.5858**	**3.2200e-003**	**7.1597**	**5.1000e-003**	**7.1647**	**0.7323**	**4.8500e-003**	**0.7371**		**340.8924**	**340.8924**	**0.0350**		**341.7675**

3.4 Off-site Central Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.7389	54.5202	33.3768	0.0620		2.3827	2.3827		2.1920	2.1920		6,140.0195	6,140.0195	1.9426		6,188.5854
Total	**4.7389**	**54.5202**	**33.3768**	**0.0620**	**8.6733**	**2.3827**	**11.0560**	**3.5965**	**2.1920**	**5.7885**		**6,140.0195**	**6,140.0195**	**1.9426**		**6,188.5854**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0134	0.6668	0.0924	7.8000e-004	4.6611	6.6000e-004	4.6618	0.4653	6.3000e-004	0.4660		84.4207	84.4207	0.0144		84.7804
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.8862	3.4500e-003	0.8896	0.0935	3.3000e-003	0.0968		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0157	0.0110	0.1238	3.5000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.2000e-004	0.1357		34.8080	34.8080	1.1100e-003		34.8358
Total	**0.0475**	**1.1737**	**0.3442**	**2.2300e-003**	**6.8511**	**4.3400e-003**	**6.8554**	**0.6943**	**4.1500e-003**	**0.6984**		**237.6353**	**237.6353**	**0.0246**		**238.2513**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	4.7389	54.5202	33.3768	0.0620		2.3827	2.3827		2.1920	2.1920	0.0000	6,140.0195	6,140.0195	1.9426		6,188.5854
Total	**4.7389**	**54.5202**	**33.3768**	**0.0620**	**3.3826**	**2.3827**	**5.7653**	**1.4026**	**2.1920**	**3.5947**	**0.0000**	**6,140.0195**	**6,140.0195**	**1.9426**		**6,188.5854**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0134	0.6668	0.0924	7.8000e-004	2.8541	6.6000e-004	2.8547	0.2846	6.3000e-004	0.2853		84.4207	84.4207	0.0144		84.7804
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.5529	3.4500e-003	0.5564	0.0601	3.3000e-003	0.0634		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0157	0.0110	0.1238	3.5000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.2000e-004	0.0864		34.8080	34.8080	1.1100e-003		34.8358
Total	**0.0475**	**1.1737**	**0.3442**	**2.2300e-003**	**4.2178**	**4.3400e-003**	**4.2221**	**0.4309**	**4.1500e-003**	**0.4351**		**237.6353**	**237.6353**	**0.0246**		**238.2513**

3.5 South Utilities - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.6595	7.5082	4.9420	0.0114		0.2912	0.2912		0.2679	0.2679		1,129.9311	1,129.9311	0.3575		1,138.8686
Total	**0.6595**	**7.5082**	**4.9420**	**0.0114**	**18.0663**	**0.2912**	**18.3574**	**9.9307**	**0.2679**	**10.1985**		**1,129.9311**	**1,129.9311**	**0.3575**		**1,138.8686**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.8862	3.4500e-003	0.8896	0.0935	3.3000e-003	0.0968		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0157	0.0110	0.1238	3.5000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.2000e-004	0.1357		34.8080	34.8080	1.1100e-003		34.8358
Total	**0.0341**	**0.5069**	**0.2518**	**1.4500e-003**	**2.1900**	**3.6800e-003**	**2.1937**	**0.2289**	**3.5200e-003**	**0.2324**		**153.2146**	**153.2146**	**0.0103**		**153.4710**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6595	7.5082	4.9420	0.0114		0.2912	0.2912		0.2679	0.2679	0.0000	1,129.9311	1,129.9311	0.3575		1,138.8686
Total	**0.6595**	**7.5082**	**4.9420**	**0.0114**	**7.0458**	**0.2912**	**7.3370**	**3.8730**	**0.2679**	**4.1408**	**0.0000**	**1,129.9311**	**1,129.9311**	**0.3575**		**1,138.8686**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.5529	3.4500e-003	0.5564	0.0601	3.3000e-003	0.0634		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0157	0.0110	0.1238	3.5000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.2000e-004	0.0864		34.8080	34.8080	1.1100e-003		34.8358
Total	**0.0341**	**0.5069**	**0.2518**	**1.4500e-003**	**1.3637**	**3.6800e-003**	**1.3674**	**0.1463**	**3.5200e-003**	**0.1498**		**153.2146**	**153.2146**	**0.0103**		**153.4710**

3.5 South Utilities - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.6191	6.8222	4.9032	0.0114		0.2633	0.2633		0.2422	0.2422		1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.6191**	**6.8222**	**4.9032**	**0.0114**	**18.0663**	**0.2633**	**18.3295**	**9.9307**	**0.2422**	**10.1729**		**1,105.2783**	**1,105.2783**	**0.3575**		**1,114.2151**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**2.1900**	**2.4400e-003**	**2.1924**	**0.2289**	**2.3200e-003**	**0.2312**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6191	6.8222	4.9032	0.0114		0.2633	0.2633		0.2422	0.2422	0.0000	1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.6191**	**6.8222**	**4.9032**	**0.0114**	**7.0458**	**0.2633**	**7.3091**	**3.8730**	**0.2422**	**4.1152**	**0.0000**	**1,105.2783**	**1,105.2783**	**0.3575**		**1,114.2151**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.5529	2.2100e-003	0.5551	0.0601	2.1100e-003	0.0623		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**1.3637**	**2.4400e-003**	**1.3661**	**0.1463**	**2.3200e-003**	**0.1486**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

3.6 Off-site Central Utilities - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.6595	7.5082	4.9420	0.0114		0.2912	0.2912		0.2679	0.2679		1,129.9311	1,129.9311	0.3575		1,138.8686
Total	**0.6595**	**7.5082**	**4.9420**	**0.0114**	**18.0663**	**0.2912**	**18.3574**	**9.9307**	**0.2679**	**10.1985**		**1,129.9311**	**1,129.9311**	**0.3575**		**1,138.8686**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.8862	3.4500e-003	0.8896	0.0935	3.3000e-003	0.0968		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0157	0.0110	0.1238	3.5000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.2000e-004	0.1357		34.8080	34.8080	1.1100e-003		34.8358
Total	**0.0341**	**0.5069**	**0.2518**	**1.4500e-003**	**2.1900**	**3.6800e-003**	**2.1937**	**0.2289**	**3.5200e-003**	**0.2324**		**153.2146**	**153.2146**	**0.0103**		**153.4710**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6595	7.5082	4.9420	0.0114		0.2912	0.2912		0.2679	0.2679	0.0000	1,129.9311	1,129.9311	0.3575		1,138.8686
Total	**0.6595**	**7.5082**	**4.9420**	**0.0114**	**7.0458**	**0.2912**	**7.3370**	**3.8730**	**0.2679**	**4.1408**	**0.0000**	**1,129.9311**	**1,129.9311**	**0.3575**		**1,138.8686**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.5529	3.4500e-003	0.5564	0.0601	3.3000e-003	0.0634		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0157	0.0110	0.1238	3.5000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.2000e-004	0.0864		34.8080	34.8080	1.1100e-003		34.8358
Total	**0.0341**	**0.5069**	**0.2518**	**1.4500e-003**	**1.3637**	**3.6800e-003**	**1.3674**	**0.1463**	**3.5200e-003**	**0.1498**		**153.2146**	**153.2146**	**0.0103**		**153.4710**

3.6 Off-site Central Utilities - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.6191	6.8222	4.9032	0.0114		0.2633	0.2633		0.2422	0.2422		1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.6191**	**6.8222**	**4.9032**	**0.0114**	**18.0663**	**0.2633**	**18.3295**	**9.9307**	**0.2422**	**10.1729**		**1,105.2783**	**1,105.2783**	**0.3575**		**1,114.2151**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**2.1900**	**2.4400e-003**	**2.1924**	**0.2289**	**2.3200e-003**	**0.2312**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6191	6.8222	4.9032	0.0114		0.2633	0.2633		0.2422	0.2422	0.0000	1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.6191**	**6.8222**	**4.9032**	**0.0114**	**7.0458**	**0.2633**	**7.3091**	**3.8730**	**0.2422**	**4.1152**	**0.0000**	**1,105.2783**	**1,105.2783**	**0.3575**		**1,114.2151**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.5529	2.2100e-003	0.5551	0.0601	2.1100e-003	0.0623		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**1.3637**	**2.4400e-003**	**1.3661**	**0.1463**	**2.3200e-003**	**0.1486**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

3.7 On-site Central Utilities - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.6191	6.8222	4.9032	0.0114		0.2633	0.2633		0.2422	0.2422		1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.6191**	**6.8222**	**4.9032**	**0.0114**	**18.0663**	**0.2633**	**18.3295**	**9.9307**	**0.2422**	**10.1729**		**1,105.2783**	**1,105.2783**	**0.3575**		**1,114.2151**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**2.1900**	**2.4400e-003**	**2.1924**	**0.2289**	**2.3200e-003**	**0.2312**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6191	6.8222	4.9032	0.0114		0.2633	0.2633		0.2422	0.2422	0.0000	1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.6191**	**6.8222**	**4.9032**	**0.0114**	**7.0458**	**0.2633**	**7.3091**	**3.8730**	**0.2422**	**4.1152**	**0.0000**	**1,105.2783**	**1,105.2783**	**0.3575**		**1,114.2151**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.5529	2.2100e-003	0.5551	0.0601	2.1100e-003	0.0623		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**1.3637**	**2.4400e-003**	**1.3661**	**0.1463**	**2.3200e-003**	**0.1486**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

3.8 South Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3566**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**		**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0374	1.1276	0.2873	2.7400e-003	2.2154	5.5200e-003	2.2209	0.2337	5.2800e-003	0.2389		294.0401	294.0401	0.0217		294.5824
Worker	0.0294	0.0198	0.2268	6.8000e-004	2.6076	4.6000e-004	2.6081	0.2709	4.2000e-004	0.2713		67.4198	67.4198	2.0100e-003		67.4701
Total	**0.0667**	**1.1474**	**0.5140**	**3.4200e-003**	**4.8230**	**5.9800e-003**	**4.8290**	**0.5046**	**5.7000e-003**	**0.5103**		**361.4598**	**361.4598**	**0.0237**		**362.0525**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3566**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**	**0.0000**	**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0374	1.1276	0.2873	2.7400e-003	1.3822	5.5200e-003	1.3878	0.1503	5.2800e-003	0.1556		294.0401	294.0401	0.0217		294.5824
Worker	0.0294	0.0198	0.2268	6.8000e-004	1.6216	4.6000e-004	1.6220	0.1723	4.2000e-004	0.1727		67.4198	67.4198	2.0100e-003		67.4701
Total	**0.0667**	**1.1474**	**0.5140**	**3.4200e-003**	**3.0038**	**5.9800e-003**	**3.0098**	**0.3227**	**5.7000e-003**	**0.3284**		**361.4598**	**361.4598**	**0.0237**		**362.0525**

3.9 Off-site Central Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3566**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**		**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0374	1.1276	0.2873	2.7400e-003	2.2154	5.5200e-003	2.2209	0.2337	5.2800e-003	0.2389		294.0401	294.0401	0.0217		294.5824
Worker	0.0294	0.0198	0.2268	6.8000e-004	2.6076	4.6000e-004	2.6081	0.2709	4.2000e-004	0.2713		67.4198	67.4198	2.0100e-003		67.4701
Total	**0.0667**	**1.1474**	**0.5140**	**3.4200e-003**	**4.8230**	**5.9800e-003**	**4.8290**	**0.5046**	**5.7000e-003**	**0.5103**		**361.4598**	**361.4598**	**0.0237**		**362.0525**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3566**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**	**0.0000**	**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0374	1.1276	0.2873	2.7400e-003	1.3822	5.5200e-003	1.3878	0.1503	5.2800e-003	0.1556		294.0401	294.0401	0.0217		294.5824
Worker	0.0294	0.0198	0.2268	6.8000e-004	1.6216	4.6000e-004	1.6220	0.1723	4.2000e-004	0.1727		67.4198	67.4198	2.0100e-003		67.4701
Total	**0.0667**	**1.1474**	**0.5140**	**3.4200e-003**	**3.0038**	**5.9800e-003**	**3.0098**	**0.3227**	**5.7000e-003**	**0.3284**		**361.4598**	**361.4598**	**0.0237**		**362.0525**

3.10 Off-site Central Landscaping - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.1598	2.1248	2.7801	4.1400e-003		0.0920	0.0920		0.0846	0.0846		400.3375	400.3375	0.1295		403.5744
Total	**0.1598**	**2.1248**	**2.7801**	**4.1400e-003**	**18.0663**	**0.0920**	**18.1582**	**9.9307**	**0.0846**	**10.0153**		**400.3375**	**400.3375**	**0.1295**		**403.5744**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**2.1900**	**2.4400e-003**	**2.1924**	**0.2289**	**2.3200e-003**	**0.2312**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.1598	2.1248	2.7801	4.1400e-003		0.0920	0.0920		0.0846	0.0846	0.0000	400.3375	400.3375	0.1295		403.5744
Total	**0.1598**	**2.1248**	**2.7801**	**4.1400e-003**	**7.0458**	**0.0920**	**7.1378**	**3.8730**	**0.0846**	**3.9576**	**0.0000**	**400.3375**	**400.3375**	**0.1295**		**403.5744**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.5529	2.2100e-003	0.5551	0.0601	2.1100e-003	0.0623		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**1.3637**	**2.4400e-003**	**1.3661**	**0.1463**	**2.3200e-003**	**0.1486**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

3.11 South Landscaping - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.1598	2.1248	2.7801	4.1400e-003		0.0920	0.0920		0.0846	0.0846		400.3375	400.3375	0.1295		403.5744
Total	**0.1598**	**2.1248**	**2.7801**	**4.1400e-003**	**18.0663**	**0.0920**	**18.1582**	**9.9307**	**0.0846**	**10.0153**		**400.3375**	**400.3375**	**0.1295**		**403.5744**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**2.1900**	**2.4400e-003**	**2.1924**	**0.2289**	**2.3200e-003**	**0.2312**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.1598	2.1248	2.7801	4.1400e-003		0.0920	0.0920		0.0846	0.0846	0.0000	400.3375	400.3375	0.1295		403.5744
Total	**0.1598**	**2.1248**	**2.7801**	**4.1400e-003**	**7.0458**	**0.0920**	**7.1378**	**3.8730**	**0.0846**	**3.9576**	**0.0000**	**400.3375**	**400.3375**	**0.1295**		**403.5744**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.5529	2.2100e-003	0.5551	0.0601	2.1100e-003	0.0623		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**1.3637**	**2.4400e-003**	**1.3661**	**0.1463**	**2.3200e-003**	**0.1486**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

3.12 On-site Central Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3566**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**		**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0374	1.1276	0.2873	2.7400e-003	2.2154	5.5200e-003	2.2209	0.2337	5.2800e-003	0.2389		294.0401	294.0401	0.0217		294.5824
Worker	0.0294	0.0198	0.2268	6.8000e-004	2.6076	4.6000e-004	2.6081	0.2709	4.2000e-004	0.2713		67.4198	67.4198	2.0100e-003		67.4701
Total	**0.0667**	**1.1474**	**0.5140**	**3.4200e-003**	**4.8230**	**5.9800e-003**	**4.8290**	**0.5046**	**5.7000e-003**	**0.5103**		**361.4598**	**361.4598**	**0.0237**		**362.0525**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3566**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**	**0.0000**	**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0374	1.1276	0.2873	2.7400e-003	1.3822	5.5200e-003	1.3878	0.1503	5.2800e-003	0.1556		294.0401	294.0401	0.0217		294.5824
Worker	0.0294	0.0198	0.2268	6.8000e-004	1.6216	4.6000e-004	1.6220	0.1723	4.2000e-004	0.1727		67.4198	67.4198	2.0100e-003		67.4701
Total	**0.0667**	**1.1474**	**0.5140**	**3.4200e-003**	**3.0038**	**5.9800e-003**	**3.0098**	**0.3227**	**5.7000e-003**	**0.3284**		**361.4598**	**361.4598**	**0.0237**		**362.0525**

3.13 On-site Central Landscaping - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.1598	2.1248	2.7801	4.1400e-003		0.0920	0.0920		0.0846	0.0846		400.3375	400.3375	0.1295		403.5744
Total	**0.1598**	**2.1248**	**2.7801**	**4.1400e-003**	**18.0663**	**0.0920**	**18.1582**	**9.9307**	**0.0846**	**10.0153**		**400.3375**	**400.3375**	**0.1295**		**403.5744**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**2.1900**	**2.4400e-003**	**2.1924**	**0.2289**	**2.3200e-003**	**0.2312**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.1598	2.1248	2.7801	4.1400e-003		0.0920	0.0920		0.0846	0.0846	0.0000	400.3375	400.3375	0.1295		403.5744
Total	**0.1598**	**2.1248**	**2.7801**	**4.1400e-003**	**7.0458**	**0.0920**	**7.1378**	**3.8730**	**0.0846**	**3.9576**	**0.0000**	**400.3375**	**400.3375**	**0.1295**		**403.5744**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.5529	2.2100e-003	0.5551	0.0601	2.1100e-003	0.0623		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**1.3637**	**2.4400e-003**	**1.3661**	**0.1463**	**2.3200e-003**	**0.1486**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

3.14 Off-site North Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000		6,005.8653	6,005.8653	1.9424		6,054.4257
Total	**4.4501**	**50.1975**	**31.9583**	**0.0620**	**8.6733**	**2.1739**	**10.8472**	**3.5965**	**2.0000**	**5.5965**		**6,005.8653**	**6,005.8653**	**1.9424**		**6,054.4257**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.1400e-003	0.1152	0.0154	1.4000e-004	0.8363	8.0000e-005	0.8364	0.0835	8.0000e-005	0.0836		15.1799	15.1799	2.4000e-003		15.2398
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0367	0.0247	0.2835	8.5000e-004	3.2596	5.8000e-004	3.2601	0.3387	5.3000e-004	0.3392		84.2747	84.2747	2.5200e-003		84.3376
Total	**0.0538**	**0.5910**	**0.4138**	**2.0900e-003**	**4.9820**	**2.8700e-003**	**4.9849**	**0.5156**	**2.7200e-003**	**0.5183**		**217.0707**	**217.0707**	**0.0136**		**217.4104**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000	0.0000	6,005.8653	6,005.8653	1.9424		6,054.4257
Total	**4.4501**	**50.1975**	**31.9583**	**0.0620**	**3.3826**	**2.1739**	**5.5565**	**1.4026**	**2.0000**	**3.4026**	**0.0000**	**6,005.8653**	**6,005.8653**	**1.9424**		**6,054.4257**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.1400e-003	0.1152	0.0154	1.4000e-004	0.5121	8.0000e-005	0.5122	0.0511	8.0000e-005	0.0512		15.1799	15.1799	2.4000e-003		15.2398
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.5529	2.2100e-003	0.5551	0.0601	2.1100e-003	0.0623		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0367	0.0247	0.2835	8.5000e-004	2.0270	5.8000e-004	2.0275	0.2154	5.3000e-004	0.2159		84.2747	84.2747	2.5200e-003		84.3376
Total	**0.0538**	**0.5910**	**0.4138**	**2.0900e-003**	**3.0919**	**2.8700e-003**	**3.0948**	**0.3266**	**2.7200e-003**	**0.3293**		**217.0707**	**217.0707**	**0.0136**		**217.4104**

3.15 Off-site North Utilities - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.6191	6.8222	4.9032	0.0114		0.2633	0.2633		0.2422	0.2422		1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.6191**	**6.8222**	**4.9032**	**0.0114**	**18.0663**	**0.2633**	**18.3295**	**9.9307**	**0.2422**	**10.1729**		**1,105.2783**	**1,105.2783**	**0.3575**		**1,114.2151**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**2.1900**	**2.4400e-003**	**2.1924**	**0.2289**	**2.3200e-003**	**0.2312**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6191	6.8222	4.9032	0.0114		0.2633	0.2633		0.2422	0.2422	0.0000	1,105.2783	1,105.2783	0.3575		1,114.2151
Total	**0.6191**	**6.8222**	**4.9032**	**0.0114**	**7.0458**	**0.2633**	**7.3091**	**3.8730**	**0.2422**	**4.1152**	**0.0000**	**1,105.2783**	**1,105.2783**	**0.3575**		**1,114.2151**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.5529	2.2100e-003	0.5551	0.0601	2.1100e-003	0.0623		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		33.7099	33.7099	1.0100e-003		33.7351
Total	**0.0296**	**0.4609**	**0.2283**	**1.4400e-003**	**1.3637**	**2.4400e-003**	**1.3661**	**0.1463**	**2.3200e-003**	**0.1486**		**151.3259**	**151.3259**	**9.6900e-003**		**151.5680**

3.16 Off-site North Pavement - 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	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.2556**	**12.9191**	**14.6532**	**0.0228**		**0.6777**	**0.6777**		**0.6235**	**0.6235**		**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0302	1.0183	0.2595	2.7100e-003	2.2154	2.1400e-003	2.2175	0.2337	2.0500e-003	0.2357		291.3520	291.3520	0.0208		291.8724
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0441**	**1.0273**	**0.3656**	**3.0400e-003**	**3.5192**	**2.3700e-003**	**3.5216**	**0.3691**	**2.2600e-003**	**0.3714**		**323.9296**	**323.9296**	**0.0218**		**324.4733**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.2556**	**12.9191**	**14.6532**	**0.0228**		**0.6777**	**0.6777**		**0.6235**	**0.6235**	**0.0000**	**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0302	1.0183	0.2595	2.7100e-003	1.3822	2.1400e-003	1.3844	0.1503	2.0500e-003	0.1524		291.3520	291.3520	0.0208		291.8724
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0441**	**1.0273**	**0.3656**	**3.0400e-003**	**2.1930**	**2.3700e-003**	**2.1954**	**0.2365**	**2.2600e-003**	**0.2388**		**323.9296**	**323.9296**	**0.0218**		**324.4733**

3.17 Off-site North Landscape - 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.1510	2.0071	2.7799	4.1400e-003		0.0817	0.0817		0.0751	0.0751		400.3967	400.3967	0.1295		403.6342
Total	**0.1510**	**2.0071**	**2.7799**	**4.1400e-003**	**18.0663**	**0.0817**	**18.1479**	**9.9307**	**0.0751**	**10.0058**		**400.3967**	**400.3967**	**0.1295**		**403.6342**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**2.1900**	**1.0900e-003**	**2.1911**	**0.2289**	**1.0300e-003**	**0.2300**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.1510	2.0071	2.7799	4.1400e-003		0.0817	0.0817		0.0751	0.0751	0.0000	400.3967	400.3967	0.1295		403.6342
Total	**0.1510**	**2.0071**	**2.7799**	**4.1400e-003**	**7.0458**	**0.0817**	**7.1275**	**3.8730**	**0.0751**	**3.9481**	**0.0000**	**400.3967**	**400.3967**	**0.1295**		**403.6342**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.5529	8.6000e-004	0.5538	0.0601	8.2000e-004	0.0610		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	0.8108	2.3000e-004	0.8110	0.0862	2.1000e-004	0.0864		32.5776	32.5776	9.3000e-004		32.6009
Total	**0.0259**	**0.4163**	**0.2099**	**1.4100e-003**	**1.3637**	**1.0900e-003**	**1.3648**	**0.1463**	**1.0300e-003**	**0.1473**		**149.1184**	**149.1184**	**9.2600e-003**		**149.3498**

3.18 On-site North Utilities - 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			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**	**18.0663**	**0.1874**	**18.2536**	**9.9307**	**0.1724**	**10.1031**		**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	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**2.1900**	**9.6000e-004**	**2.1909**	**0.2289**	**9.0000e-004**	**0.2298**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			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**	**7.0458**	**0.1874**	**7.2332**	**3.8730**	**0.1724**	**4.0454**	**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	0.0113	0.3849	0.0983	1.0700e-003	0.5529	7.4000e-004	0.5536	0.0601	7.0000e-004	0.0608		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.8108	2.2000e-004	0.8110	0.0862	2.0000e-004	0.0864		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**1.3637**	**9.6000e-004**	**1.3646**	**0.1463**	**9.0000e-004**	**0.1472**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

3.19 On-site North Paving - 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	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1028**	**11.1249**	**14.5805**	**0.0228**		**0.5679**	**0.5679**		**0.5225**	**0.5225**		**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0281	0.9623	0.2458	2.6800e-003	2.2154	1.8400e-003	2.2172	0.2337	1.7600e-003	0.2354		288.6138	288.6138	0.0202		289.1183
Worker	0.0262	0.0164	0.1973	6.3000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.1000e-004	0.2713		62.7648	62.7648	1.7000e-003		62.8074
Total	**0.0543**	**0.9787**	**0.4431**	**3.3100e-003**	**4.8230**	**2.2800e-003**	**4.8253**	**0.5046**	**2.1700e-003**	**0.5068**		**351.3786**	**351.3786**	**0.0219**		**351.9257**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1028**	**11.1249**	**14.5805**	**0.0228**		**0.5679**	**0.5679**		**0.5225**	**0.5225**	**0.0000**	**2,207.6603**	**2,207.6603**	**0.7140**		**2,225.5104**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0281	0.9623	0.2458	2.6800e-003	1.3822	1.8400e-003	1.3841	0.1503	1.7600e-003	0.1521		288.6138	288.6138	0.0202		289.1183
Worker	0.0262	0.0164	0.1973	6.3000e-004	1.6216	4.4000e-004	1.6220	0.1723	4.1000e-004	0.1727		62.7648	62.7648	1.7000e-003		62.8074
Total	**0.0543**	**0.9787**	**0.4431**	**3.3100e-003**	**3.0038**	**2.2800e-003**	**3.0061**	**0.3227**	**2.1700e-003**	**0.3248**		**351.3786**	**351.3786**	**0.0219**		**351.9257**

3.20 On-site North Landscaping - 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.1392	1.8572	2.7744	4.1400e-003		0.0690	0.0690		0.0635	0.0635		400.7825	400.7825	0.1296		404.0230
Total	**0.1392**	**1.8572**	**2.7744**	**4.1400e-003**	**18.0663**	**0.0690**	**18.1353**	**9.9307**	**0.0635**	**9.9942**		**400.7825**	**400.7825**	**0.1296**		**404.0230**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**2.1900**	**9.6000e-004**	**2.1909**	**0.2289**	**9.0000e-004**	**0.2298**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.1392	1.8572	2.7744	4.1400e-003		0.0690	0.0690		0.0635	0.0635	0.0000	400.7825	400.7825	0.1296		404.0230
Total	**0.1392**	**1.8572**	**2.7744**	**4.1400e-003**	**7.0458**	**0.0690**	**7.1149**	**3.8730**	**0.0635**	**3.9365**	**0.0000**	**400.7825**	**400.7825**	**0.1296**		**404.0230**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.5529	7.4000e-004	0.5536	0.0601	7.0000e-004	0.0608		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.8108	2.2000e-004	0.8110	0.0862	2.0000e-004	0.0864		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**1.3637**	**9.6000e-004**	**1.3646**	**0.1463**	**9.0000e-004**	**0.1472**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

3.21 Striping - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	36.3423					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	**36.5468**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.9062**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	6.5400e-003	4.1000e-003	0.0493	1.6000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.6912	15.6912	4.3000e-004		15.7019
Total	**0.0178**	**0.3890**	**0.1476**	**1.2300e-003**	**1.5381**	**8.5000e-004**	**1.5389**	**0.1612**	**8.0000e-004**	**0.1620**		**131.1367**	**131.1367**	**8.5000e-003**		**131.3492**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	36.3423					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	**36.5468**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.9062**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.5529	7.4000e-004	0.5536	0.0601	7.0000e-004	0.0608		115.4455	115.4455	8.0700e-003		115.6473
Worker	6.5400e-003	4.1000e-003	0.0493	1.6000e-004	0.4054	1.1000e-004	0.4055	0.0431	1.0000e-004	0.0432		15.6912	15.6912	4.3000e-004		15.7019
Total	**0.0178**	**0.3890**	**0.1476**	**1.2300e-003**	**0.9583**	**8.5000e-004**	**0.9591**	**0.1032**	**8.0000e-004**	**0.1040**		**131.1367**	**131.1367**	**8.5000e-003**		**131.3492**

CalEEMod Version: CalEEMod.2016.3.1

Date: 9/26/2017 8:42 AM

Off-Site Grading and PVR - LEA

San Diego County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Off-site Central Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-site Central Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-site Central Paving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-site Central Utilities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-site North Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-site North Landscape	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-site North Pavement	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-site North Utilities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
On-site Central Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
On-site Central Paving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
On-site Central Utilities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
On-site North Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
On-site North Paving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
On-site North Utilities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
South Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
South Haul	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
South Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
South Paving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
South Utilities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Striping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	Tier 4 Interim	0	1	No Change	0.00
Excavators	Diesel	Tier 4 Interim	0	11	No Change	0.00
Graders	Diesel	Tier 4 Interim	0	3	No Change	0.00
Off-Highway Tractors	Diesel	Tier 4 Interim	0	4	No Change	0.00
Pavers	Diesel	Tier 4 Interim	0	10	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	0	10	No Change	0.00
Rollers	Diesel	Tier 4 Interim	0	10	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Interim	0	3	No Change	0.00
Rubber Tired Loaders	Diesel	Tier 4 Interim	0	5	No Change	0.00
Scrapers	Diesel	Tier 4 Interim	0	6	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	0	10	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	0	6	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	2.15000E-003	1.47900E-002	1.90400E-002	3.00000E-005	8.60000E-004	8.60000E-004	0.00000E+000	2.68092E+000	2.68092E+000	1.70000E-004	0.00000E+000	2.68528E+000
Excavators	8.38100E-002	8.38080E-001	1.09562E+000	1.73000E-003	4.05200E-002	3.72800E-002	0.00000E+000	1.53513E+002	1.53513E+002	4.92300E-002	0.00000E+000	1.54744E+002
Graders	2.08100E-002	2.80130E-001	7.87800E-002	2.90000E-004	8.98000E-003	8.26000E-003	0.00000E+000	2.55046E+001	2.55046E+001	8.11000E-003	0.00000E+000	2.57074E+001
Off-Highway Tractors	2.43400E-002	2.65440E-001	2.66390E-001	4.00000E-004	1.31200E-002	1.20700E-002	0.00000E+000	3.62933E+001	3.62933E+001	1.14800E-002	0.00000E+000	3.65804E+001
Pavers	3.86200E-002	4.09800E-001	4.43260E-001	7.20000E-004	1.98500E-002	1.82700E-002	0.00000E+000	6.31871E+001	6.31871E+001	2.04400E-002	0.00000E+000	6.36980E+001
Paving Equipment	3.07700E-002	3.14520E-001	3.88160E-001	6.20000E-004	1.56600E-002	1.44100E-002	0.00000E+000	5.47577E+001	5.47577E+001	1.77100E-002	0.00000E+000	5.52004E+001
Rollers	3.05300E-002	3.07300E-001	2.88690E-001	4.00000E-004	1.92500E-002	1.77100E-002	0.00000E+000	3.52654E+001	3.52654E+001	1.14100E-002	0.00000E+000	3.55506E+001
Rubber Tired Dozers	4.81800E-002	5.11040E-001	1.82540E-001	3.70000E-004	2.49400E-002	2.29500E-002	0.00000E+000	3.27988E+001	3.27988E+001	1.04400E-002	0.00000E+000	3.30597E+001
Rubber Tired Loaders	9.41400E-002	1.11385E+000	4.09860E-001	1.56000E-003	3.70900E-002	3.41200E-002	0.00000E+000	1.37795E+002	1.37795E+002	4.43100E-002	0.00000E+000	1.38903E+002
Scrapers	9.00200E-002	1.08503E+000	6.80020E-001	1.30000E-003	4.24700E-002	3.90700E-002	0.00000E+000	1.16358E+002	1.16358E+002	3.70200E-002	0.00000E+000	1.17283E+002
Skid Steer Loaders	2.04600E-002	2.72050E-001	3.61350E-001	5.40000E-004	1.16000E-002	1.06700E-002	0.00000E+000	4.72183E+001	4.72183E+001	1.52700E-002	0.00000E+000	4.76001E+001
Tractors/Loaders/Backhoes	1.95100E-002	1.95900E-001	1.97520E-001	2.70000E-004	1.29200E-002	1.18800E-002	0.00000E+000	2.38586E+001	2.38586E+001	7.59000E-003	0.00000E+000	2.40484E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	2.15000E-003	1.47900E-002	1.90400E-002	3.00000E-005	8.60000E-004	8.60000E-004	0.00000E+000	2.68091E+000	2.68091E+000	1.70000E-004	0.00000E+000	2.68528E+000
Excavators	8.38100E-002	8.38080E-001	1.09562E+000	1.73000E-003	4.05200E-002	3.72800E-002	0.00000E+000	1.53513E+002	1.53513E+002	4.92300E-002	0.00000E+000	1.54744E+002
Graders	2.08100E-002	2.80130E-001	7.87800E-002	2.90000E-004	8.98000E-003	8.26000E-003	0.00000E+000	2.55045E+001	2.55045E+001	8.11000E-003	0.00000E+000	2.57074E+001
Off-Highway Tractors	2.43400E-002	2.65440E-001	2.66390E-001	4.00000E-004	1.31200E-002	1.20700E-002	0.00000E+000	3.62933E+001	3.62933E+001	1.14800E-002	0.00000E+000	3.65804E+001
Pavers	3.86200E-002	4.09800E-001	4.43260E-001	7.20000E-004	1.98500E-002	1.82700E-002	0.00000E+000	6.31871E+001	6.31871E+001	2.04400E-002	0.00000E+000	6.36980E+001
Paving Equipment	3.07700E-002	3.14520E-001	3.88160E-001	6.20000E-004	1.56600E-002	1.44100E-002	0.00000E+000	5.47576E+001	5.47576E+001	1.77100E-002	0.00000E+000	5.52003E+001
Rollers	3.05300E-002	3.07300E-001	2.88690E-001	4.00000E-004	1.92500E-002	1.77100E-002	0.00000E+000	3.52654E+001	3.52654E+001	1.14100E-002	0.00000E+000	3.55505E+001
Rubber Tired Dozers	4.81800E-002	5.11040E-001	1.82540E-001	3.70000E-004	2.49400E-002	2.29500E-002	0.00000E+000	3.27988E+001	3.27988E+001	1.04400E-002	0.00000E+000	3.30596E+001
Rubber Tired Loaders	9.41400E-002	1.11385E+000	4.09860E-001	1.56000E-003	3.70900E-002	3.41200E-002	0.00000E+000	1.37795E+002	1.37795E+002	4.43100E-002	0.00000E+000	1.38903E+002
Scrapers	9.00200E-002	1.08503E+000	6.80020E-001	1.30000E-003	4.24700E-002	3.90700E-002	0.00000E+000	1.16358E+002	1.16358E+002	3.70200E-002	0.00000E+000	1.17283E+002
Skid Steer Loaders	2.04600E-002	2.72050E-001	3.61350E-001	5.40000E-004	1.16000E-002	1.06700E-002	0.00000E+000	4.72182E+001	4.72182E+001	1.52700E-002	0.00000E+000	4.76000E+001
Tractors/Loaders/Backhoes	1.95100E-002	1.95900E-001	1.97520E-001	2.70000E-004	1.29200E-002	1.18800E-002	0.00000E+000	2.38586E+001	2.38586E+001	7.59000E-003	0.00000E+000	2.40483E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	3.73006E-006	3.73006E-006	0.00000E+000	0.00000E+000	0.00000E+000
Excavators	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.23768E-006	1.23768E-006	0.00000E+000	0.00000E+000	1.16321E-006
Graders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.17626E-006	1.17626E-006	0.00000E+000	0.00000E+000	1.16698E-006
Off-Highway Tractors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.37766E-006	1.37766E-006	0.00000E+000	0.00000E+000	1.36685E-006
Pavers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.26608E-006	1.26608E-006	0.00000E+000	0.00000E+000	1.25593E-006
Paving Equipment	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.27836E-006	1.27836E-006	0.00000E+000	0.00000E+000	1.08695E-006
Rollers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.13426E-006	1.13426E-006	0.00000E+000	0.00000E+000	1.40645E-006
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.21956E-006	1.21956E-006	0.00000E+000	0.00000E+000	1.20993E-006
Rubber Tired Loaders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.16114E-006	1.16114E-006	0.00000E+000	0.00000E+000	1.15189E-006
Scrapers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.20319E-006	1.20319E-006	0.00000E+000	0.00000E+000	1.19369E-006
Skid Steer Loaders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.05891E-006	1.05891E-006	0.00000E+000	0.00000E+000	1.26050E-006
Tractors/Loaders/Backhoes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.25741E-006	1.25741E-006	0.00000E+000	0.00000E+000	1.24749E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
No	Soil Stabilizer for unpaved Roads	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
Yes	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph)	15.00		
Yes	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Off-site Central Grading	Fugitive Dust	0.09	0.04	0.04	0.01	0.61	0.61
Off-site Central Grading	Roads	0.06	0.01	0.04	0.00	0.38	0.38
Off-site Central Landscaping	Fugitive Dust	0.19	0.10	0.07	0.04	0.61	0.61
Off-site Central Landscaping	Roads	0.02	0.00	0.01	0.00	0.38	0.36
Off-site Central Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Off-site Central Paving	Roads	0.05	0.00	0.03	0.00	0.38	0.36
Off-site Central Utilities	Fugitive Dust	2.37	1.30	0.92	0.51	0.61	0.61
Off-site Central Utilities	Roads	0.13	0.01	0.08	0.01	0.38	0.36
Off-site North Grading	Fugitive Dust	0.10	0.04	0.04	0.02	0.61	0.61
Off-site North Grading	Roads	0.05	0.01	0.03	0.00	0.38	0.36
Off-site North Landscape	Fugitive Dust	0.21	0.11	0.08	0.04	0.61	0.61
Off-site North Landscape	Roads	0.02	0.00	0.01	0.00	0.38	0.36
Off-site North Pavement	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Off-site North Pavement	Roads	0.03	0.00	0.02	0.00	0.38	0.36
Off-site North Utilities	Fugitive Dust	0.40	0.22	0.16	0.09	0.61	0.61
Off-site North Utilities	Roads	0.04	0.00	0.03	0.00	0.38	0.36
On-site Central Landscaping	Fugitive Dust	0.78	0.43	0.30	0.17	0.61	0.61
On-site Central Landscaping	Roads	0.08	0.01	0.05	0.01	0.38	0.36
On-site Central Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00

On-site Central Paving	Roads	0.10	0.01	0.06	0.01	0.38	0.36
On-site Central Utilities	Fugitive Dust	1.17	0.65	0.46	0.25	0.61	0.61
On-site Central Utilities	Roads	0.13	0.01	0.08	0.01	0.38	0.36
On-site North Landscaping	Fugitive Dust	0.19	0.10	0.07	0.04	0.61	0.61
On-site North Landscaping	Roads	0.02	0.00	0.01	0.00	0.38	0.36
On-site North Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
On-site North Paving	Roads	0.05	0.00	0.03	0.00	0.38	0.36
On-site North Utilities	Fugitive Dust	0.18	0.10	0.07	0.04	0.61	0.61
On-site North Utilities	Roads	0.02	0.00	0.01	0.00	0.38	0.36
South Grading	Fugitive Dust	0.19	0.08	0.07	0.03	0.61	0.61
South Grading	Roads	0.22	0.02	0.14	0.01	0.38	0.38
South Haul	Fugitive Dust	0.39	0.21	0.15	0.08	0.61	0.61
South Haul	Roads	0.05	0.01	0.03	0.00	0.38	0.36
South Landscaping	Fugitive Dust	0.98	0.54	0.38	0.21	0.61	0.61
South Landscaping	Roads	0.11	0.01	0.07	0.01	0.38	0.36
South Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
South Paving	Roads	0.09	0.01	0.06	0.01	0.38	0.36
South Utilities	Fugitive Dust	3.14	1.73	1.23	0.67	0.61	0.61
South Utilities	Roads	0.17	0.02	0.11	0.01	0.38	0.36
Striping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Striping	Roads	0.01	0.00	0.01	0.00	0.38	0.36

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.00	0.15		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	250.00
No	Use Low VOC Paint (Residential Exterior)	250.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services	
Percent Reduction in Waste Disposed	

CalEEMod Input Matrix
Project Characteristics

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	Off-Site Grading and PVR - LEA	--	Project Description
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	8/1/2019	Central Village Schedule	Proctor Valley EIR Assumptions
Operational Year	2023	Central Village Schedule	Proctor Valley EIR Assumptions

Table 2: Utility Information			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Select Utility Company	San Diego Gas and Electric	project location	CEC, 2014
CO2 Intensity Factor (lb./Mwh)	--		
CH4 Intensity Factor (lb./Mwh)	default		
N20 Intensity Factor (lb./Mwh)	default		

CalEEMod Input Matrix
Project Characteristics

Table 3: Pollutants			
Pollutant Selection	**Pollutant Full Name**	**Notes**	**Source**
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N20	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Matrix
Construction Phase

Table 5: Construction Phase					
Phase Name	**Phase Type**	**Start Date**	**End Date**	**Days/Week**	**Total Days**
South Grading	Grading	2019/08/01	2019/09/30	5	43
South Utilities	Site Preparation	2019/10/01	2020/05/31	5	174
South Paving	Paving	2020/04/01	2020/05/31	5	43
South Landscaping	Site Preparation	2020/05/01	2020/09/30	5	109
South Haul	Site Preparation	2019/08/01	2019/09/30	5	43
Off-site Central Grading	Grading	2019/09/01	2019/09/30	5	21
Off-site Central Utilities	Site Preparation	2019/10/01	2020/03/31	5	131
Off-site Central Paving	Paving	2020/04/01	2020/04/30	5	22
Off-site Central Landscaping	Landscaping	2020/05/01	2020/05/30	5	21
On-site Central Utilities	Site Preparation	2020/01/01	2020/06/30	5	130
On-site Central Paving	Paving	2020/06/01	2020/07/31	5	45
On-site Central Landscaping	Site Preparation	2020/08/01	2020/11/30	5	86
On-site North Utilities	Site Preparation	2022/01/01	2022/01/30	5	20
On-site North Paving	Paving	2022/06/01	2022/06/30	5	22
On-site North Landscaping	Site Preparation	2022/07/01	2022/07/31	5	21
Off-site North Grading	Grading	2020/10/01	2020/10/31	5	22
Off-site North Utilities	Site Preparation	2020/11/01	2020/12/31	5	44
Off-site North Pavement	Paving	2021/01/01	2021/01/31	5	21
Off-site North Landscape	Site Preparation	2021/03/01	2021/03/31	5	23
Striping	Architectural Coating	2022/07/01	2022/07/31	5	21

Table 6: Off-Road Equipment					
Phase Name	**Equipment Type**	**Unit Amount**	**Hours/Day**	**Horsepower (hp)**	**Load Factor**
Grading	default				
Utilities	Excavator	1			
	Rubber Tired Loader	1			
Paving	default				
Landscaping	Skid steer	2			
Haul	Off-highway trucks	4			
Architectural Coating	default				

CalEEMod Input Matrix
Construction Phase

Table 7: Dust from Material Movement					
Phase Name	**Material Imported**	**Material Exported**	**Material Import/Export Phased?**	**Mean Vehicle Speed (mph)**	**Total Acres Graded**
Grading - South Off-site	default				23.2
Grading - Central Off-site					5.3
Grading - North Off-site					6.3

Table 8: Demolition		
Phase Name	**Size Metric**	**Unit Amount**
default		

CalEEMod Input Matrix
Construction Phase

Table 9: Construction Trips and VMT									
Phase Name	**# Trips Worker (/day)**	**# Trips Vendor (/day)**	**Total # Trips Hauling**	**Trip Length Worker (miles)**	**Trip Length Worker (miles)**	**Trip Length Hauling (miles)**	**Vehicle Class Worker**	**Vehicle Class Vendor**	**Vehicle Class Hauling**
Site Preparation									
Grading North			25			0.5			MHDT
Grading South			473			0.5			MHDT
Grading Central			133			0.5			MHDT
Slope Landscaping	Refer to Construction VMT worksheet								
Utilities									
Paving									
Note: Internal hauling distance 0.5 miles to reflect onsite cut and fill									

CalEEMod Input Matrix
Construction Phase

Table 10: On-Road Fugitive Dust								
Phase Name	**% Pave Worker**	**% Pave Vendor**	**% Pave Hauling**	**Road Silt Loading (g/m2)**	**Material Silt Content (%)**	**Material Moisture Content (%)**	**Average Vehicle Weight (tons)**	**Mean Vehicle Speed (mph)**
Site Preparation	98		0	default				
Grading								
Slope Landscaping								
Utilities								
Paving								
Aritecutal Coating								
Haul								

Table 11: Architectural Coating										
Phase Name	**Residential Interior VOC (g/L)**	**Residential Interior Area (sq. ft.)**	**Residential Exterior VOC (g/L)**	**Residential Exterior Area (sq. ft.)**	**Non-Residential Interior VOC (g/L)**	**Non-Residential Interior Area (sq. ft.)**	**Non-Residential Exterior VOC (g/L)**	**Non-Residential Exterior Area (sq. ft.)**	**VOC for Parking Lot Paint (g/L)**	**Parking Area (sq. ft.)**
Architectural Coating	N/A									

Tables 12 through 31 pertain to operational emissions and are therefore omitted

CalEEMod Input Sheet
Construction Mitigation

Table 32: Off-Road Equipment						
Equipment Type	**Fuel Type**	**Engine Tier**	**Number of Equipments Mitigated**	**Total Number of Off-road Equipments**	**DPF Level**	**Using Oxidation Catalyst (% Reduction)**
--						

Table 33: Fugitive Dust	
Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	default
PM 2.5 (% Reduction)	
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	15
Clean Paved Road	
% PM Reduction	--

CalEEMod Version: CalEEMod.2016.3.1 Date: 1/29/2018 10:36 AM

PV Valley Road North additional bike lanes LEA

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	36.60	1000sqft	0.84	36,600.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2023
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Land Use - Applicant Provided Informaiton

Construction Phase - two days for striping

Off-road Equipment - equipment to match on-site

Off-road Equipment - equipment to match on-site

Architectural Coating - Striping for 33,600 sq. ft. of paving.

Woodstoves - No operational emissions

Area Coating - No operational emissions

Construction Off-road Equipment Mitigation - mitigation

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblGrading	AcresOfGrading	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblProjectCharacteristics	OperationalYear	2018	2023

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	2.7877	28.0776	20.9919	0.0393	6.1700	1.3267	7.4967	3.3495	1.2344	4.5839	0.0000	3,801.5036	3,801.5036	1.0317	0.0000	3,827.2952
Maximum	**2.7877**	**28.0776**	**20.9919**	**0.0393**	**6.1700**	**1.3267**	**7.4967**	**3.3495**	**1.2344**	**4.5839**	**0.0000**	**3,801.5036**	**3,801.5036**	**1.0317**	**0.0000**	**3,827.2952**

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	2.7877	28.0776	20.9919	0.0393	2.4965	1.3267	3.8232	1.3302	1.2344	2.5646	0.0000	3,801.5036	3,801.5036	1.0317	0.0000	3,827.2952
Maximum	**2.7877**	**28.0776**	**20.9919**	**0.0393**	**2.4965**	**1.3267**	**3.8232**	**1.3302**	**1.2344**	**2.5646**	**0.0000**	**3,801.5036**	**3,801.5036**	**1.0317**	**0.0000**	**3,827.2952**

	ROG	NOx	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**	**59.54**	**0.00**	**49.00**	**60.29**	**0.00**	**44.05**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0203	3.0000e-005	3.7400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		8.0100e-003	8.0100e-003	2.0000e-005		8.5400e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**0.0203**	**3.0000e-005**	**3.7400e-003**	**0.0000**	**0.0000**	**1.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**1.0000e-005**		**8.0100e-003**	**8.0100e-003**	**2.0000e-005**	**0.0000**	**8.5400e-003**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0203	3.0000e-005	3.7400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		8.0100e-003	8.0100e-003	2.0000e-005		8.5400e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**0.0203**	**3.0000e-005**	**3.7400e-003**	**0.0000**	**0.0000**	**1.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**1.0000e-005**		**8.0100e-003**	**8.0100e-003**	**2.0000e-005**	**0.0000**	**8.5400e-003**

	ROG	NOx	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	Grading	Grading	10/1/2021	10/4/2021	5	2	
2	Paving	Paving	10/5/2021	10/11/2021	5	5	
3	Architectural Coating	Architectural Coating	10/12/2021	10/18/2021	5	5	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.84

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 2,196

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Cement and Mortar Mixers	0	0.00	9	0.56
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 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					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	2.7171	28.0322	20.5431	0.0380		1.3257	1.3257		1.2335	1.2335		3,663.8850	3,663.8850	1.0277		3,689.5778
Total	**2.7171**	**28.0322**	**20.5431**	**0.0380**	**6.0221**	**1.3257**	**7.3478**	**3.3102**	**1.2335**	**4.5437**		**3,663.8850**	**3,663.8850**	**1.0277**		**3,689.5778**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174
Total	**0.0706**	**0.0454**	**0.4488**	**1.3800e-003**	**0.1479**	**1.0200e-003**	**0.1489**	**0.0392**	**9.4000e-004**	**0.0402**		**137.6186**	**137.6186**	**3.9500e-003**		**137.7174**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	2.7171	28.0322	20.5431	0.0380		1.3257	1.3257		1.2335	1.2335	0.0000	3,663.8850	3,663.8850	1.0277		3,689.5778
Total	**2.7171**	**28.0322**	**20.5431**	**0.0380**	**2.3486**	**1.3257**	**3.6743**	**1.2910**	**1.2335**	**2.5245**	**0.0000**	**3,663.8850**	**3,663.8850**	**1.0277**		**3,689.5778**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174
Total	**0.0706**	**0.0454**	**0.4488**	**1.3800e-003**	**0.1479**	**1.0200e-003**	**0.1489**	**0.0392**	**9.4000e-004**	**0.0402**		**137.6186**	**137.6186**	**3.9500e-003**		**137.7174**

3.3 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.4402					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6957**	**12.9191**	**14.6532**	**0.0228**		**0.6777**	**0.6777**		**0.6235**	**0.6235**		**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645
Total	**0.0588**	**0.0378**	**0.3740**	**1.1500e-003**	**0.1232**	**8.5000e-004**	**0.1241**	**0.0327**	**7.8000e-004**	**0.0335**		**114.6821**	**114.6821**	**3.2900e-003**		**114.7645**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.4402					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6957**	**12.9191**	**14.6532**	**0.0228**		**0.6777**	**0.6777**		**0.6235**	**0.6235**	**0.0000**	**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645
Total	**0.0588**	**0.0378**	**0.3740**	**1.1500e-003**	**0.1232**	**8.5000e-004**	**0.1241**	**0.0327**	**7.8000e-004**	**0.0335**		**114.6821**	**114.6821**	**3.2900e-003**		**114.7645**

3.4 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.0357					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	**2.2546**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.9309**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0118	7.5700e-003	0.0748	2.3000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		22.9364	22.9364	6.6000e-004		22.9529
Total	**0.0118**	**7.5700e-003**	**0.0748**	**2.3000e-004**	**0.0246**	**1.7000e-004**	**0.0248**	**6.5400e-003**	**1.6000e-004**	**6.6900e-003**		**22.9364**	**22.9364**	**6.6000e-004**		**22.9529**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.0357					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	**2.2546**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.9309**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0118	7.5700e-003	0.0748	2.3000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		22.9364	22.9364	6.6000e-004		22.9529
Total	**0.0118**	**7.5700e-003**	**0.0748**	**2.3000e-004**	**0.0246**	**1.7000e-004**	**0.0248**	**6.5400e-003**	**1.6000e-004**	**6.6900e-003**		**22.9364**	**22.9364**	**6.6000e-004**		**22.9529**

CalEEMod Version: CalEEMod.2016.3.1 Date: 1/29/2018 10:37 AM

PV Valley Road North additional bike lanes LEA

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	36.60	1000sqft	0.84	36,600.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2023
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Land Use - Applicant Provided Informaiton

Construction Phase - two days for striping

Off-road Equipment - equipment to match on-site

Off-road Equipment - equipment to match on-site

Architectural Coating - Striping for 33,600 sq. ft. of paving.

Woodstoves - No operational emissions

Area Coating - No operational emissions

Construction Off-road Equipment Mitigation - mitigation

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblGrading	AcresOfGrading	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblProjectCharacteristics	OperationalYear	2018	2023

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	2.7793	28.0726	21.0205	0.0394	6.1700	1.3267	7.4967	3.3495	1.2344	4.5839	0.0000	3,810.4844	3,810.4844	1.0319	0.0000	3,836.2817
Maximum	**2.7793**	**28.0726**	**21.0205**	**0.0394**	**6.1700**	**1.3267**	**7.4967**	**3.3495**	**1.2344**	**4.5839**	**0.0000**	**3,810.4844**	**3,810.4844**	**1.0319**	**0.0000**	**3,836.2817**

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	2.7793	28.0726	21.0205	0.0394	2.4965	1.3267	3.8232	1.3302	1.2344	2.5646	0.0000	3,810.4844	3,810.4844	1.0319	0.0000	3,836.2817
Maximum	**2.7793**	**28.0726**	**21.0205**	**0.0394**	**2.4965**	**1.3267**	**3.8232**	**1.3302**	**1.2344**	**2.5646**	**0.0000**	**3,810.4844**	**3,810.4844**	**1.0319**	**0.0000**	**3,836.2817**

	ROG	NOx	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**	**59.54**	**0.00**	**49.00**	**60.29**	**0.00**	**44.05**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0203	3.0000e-005	3.7400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		8.0100e-003	8.0100e-003	2.0000e-005		8.5400e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**0.0203**	**3.0000e-005**	**3.7400e-003**	**0.0000**	**0.0000**	**1.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**1.0000e-005**		**8.0100e-003**	**8.0100e-003**	**2.0000e-005**	**0.0000**	**8.5400e-003**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0203	3.0000e-005	3.7400e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		8.0100e-003	8.0100e-003	2.0000e-005		8.5400e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**0.0203**	**3.0000e-005**	**3.7400e-003**	**0.0000**	**0.0000**	**1.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**1.0000e-005**		**8.0100e-003**	**8.0100e-003**	**2.0000e-005**	**0.0000**	**8.5400e-003**

	ROG	NOx	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	Grading	Grading	10/1/2021	10/4/2021	5	2	
2	Paving	Paving	10/5/2021	10/11/2021	5	5	
3	Architectural Coating	Architectural Coating	10/12/2021	10/18/2021	5	5	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.84

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 2,196

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Cement and Mortar Mixers	0	0.00	9	0.56
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	3.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 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					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	2.7171	28.0322	20.5431	0.0380		1.3257	1.3257		1.2335	1.2335		3,663.8850	3,663.8850	1.0277		3,689.5778
Total	**2.7171**	**28.0322**	**20.5431**	**0.0380**	**6.0221**	**1.3257**	**7.3478**	**3.3102**	**1.2335**	**4.5437**		**3,663.8850**	**3,663.8850**	**1.0277**		**3,689.5778**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040
Total	**0.0623**	**0.0405**	**0.4774**	**1.4700e-003**	**0.1479**	**1.0200e-003**	**0.1489**	**0.0392**	**9.4000e-004**	**0.0402**		**146.5994**	**146.5994**	**4.1800e-003**		**146.7040**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	2.7171	28.0322	20.5431	0.0380		1.3257	1.3257		1.2335	1.2335	0.0000	3,663.8850	3,663.8850	1.0277		3,689.5778
Total	**2.7171**	**28.0322**	**20.5431**	**0.0380**	**2.3486**	**1.3257**	**3.6743**	**1.2910**	**1.2335**	**2.5245**	**0.0000**	**3,663.8850**	**3,663.8850**	**1.0277**		**3,689.5778**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040
Total	**0.0623**	**0.0405**	**0.4774**	**1.4700e-003**	**0.1479**	**1.0200e-003**	**0.1489**	**0.0392**	**9.4000e-004**	**0.0402**		**146.5994**	**146.5994**	**4.1800e-003**		**146.7040**

3.3 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.4402					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6957**	**12.9191**	**14.6532**	**0.0228**		**0.6777**	**0.6777**		**0.6235**	**0.6235**		**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533
Total	**0.0519**	**0.0337**	**0.3979**	**1.2300e-003**	**0.1232**	**8.5000e-004**	**0.1241**	**0.0327**	**7.8000e-004**	**0.0335**		**122.1661**	**122.1661**	**3.4900e-003**		**122.2533**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.4402					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6957**	**12.9191**	**14.6532**	**0.0228**		**0.6777**	**0.6777**		**0.6235**	**0.6235**	**0.0000**	**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533
Total	**0.0519**	**0.0337**	**0.3979**	**1.2300e-003**	**0.1232**	**8.5000e-004**	**0.1241**	**0.0327**	**7.8000e-004**	**0.0335**		**122.1661**	**122.1661**	**3.4900e-003**		**122.2533**

3.4 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.0357					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	**2.2546**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.9309**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0104	6.7400e-003	0.0796	2.5000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		24.4332	24.4332	7.0000e-004		24.4507
Total	**0.0104**	**6.7400e-003**	**0.0796**	**2.5000e-004**	**0.0246**	**1.7000e-004**	**0.0248**	**6.5400e-003**	**1.6000e-004**	**6.6900e-003**		**24.4332**	**24.4332**	**7.0000e-004**		**24.4507**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	2.0357					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	**2.2546**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.9309**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0104	6.7400e-003	0.0796	2.5000e-004	0.0246	1.7000e-004	0.0248	6.5400e-003	1.6000e-004	6.6900e-003		24.4332	24.4332	7.0000e-004		24.4507
Total	**0.0104**	**6.7400e-003**	**0.0796**	**2.5000e-004**	**0.0246**	**1.7000e-004**	**0.0248**	**6.5400e-003**	**1.6000e-004**	**6.6900e-003**		**24.4332**	**24.4332**	**7.0000e-004**		**24.4507**

CalEEMod Version: CalEEMod.2016.3.1

Date: 1/29/2018 10:41 AM

PV Valley Road North additional bike lanes LEA

San Diego County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	No Change	0	1	No Change	0.00
Cement and Mortar Mixers	Diesel	No Change	0	0	No Change	0.00
Concrete/Industrial Saws	Diesel	No Change	0	1	No Change	0.00
Excavators	Diesel	No Change	0	2	No Change	0.00
Graders	Diesel	No Change	0	1	No Change	0.00
Pavers	Diesel	No Change	0	2	No Change	0.00
Paving Equipment	Diesel	No Change	0	2	No Change	0.00
Rollers	Diesel	No Change	0	2	No Change	0.00
Rubber Tired Dozers	Diesel	No Change	0	1	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	No Change	0	2	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	5.50000E-004	3.82000E-003	4.54000E-003	1.00000E-005	2.40000E-004	2.40000E-004	0.00000E+000	6.38310E-001	6.38310E-001	4.00000E-005	0.00000E+000	6.39410E-001
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Concrete/Industrial Saws	3.80000E-004	3.04000E-003	3.67000E-003	1.00000E-005	1.70000E-004	1.70000E-004	0.00000E+000	5.37660E-001	5.37660E-001	3.00000E-005	0.00000E+000	5.38440E-001
Excavators	4.60000E-004	4.31000E-003	6.54000E-003	1.00000E-005	2.10000E-004	1.90000E-004	0.00000E+000	9.07530E-001	9.07530E-001	2.90000E-004	0.00000E+000	9.14870E-001
Graders	4.50000E-004	5.92000E-003	1.77000E-003	1.00000E-005	1.90000E-004	1.70000E-004	0.00000E+000	5.82130E-001	5.82130E-001	1.90000E-004	0.00000E+000	5.86830E-001
Pavers	1.23000E-003	1.29800E-002	1.45200E-002	2.00000E-005	6.30000E-004	5.80000E-004	0.00000E+000	2.06412E+000	2.06412E+000	6.70000E-004	0.00000E+000	2.08081E+000
Paving Equipment	9.60000E-004	9.70000E-003	1.27100E-002	2.00000E-005	4.80000E-004	4.40000E-004	0.00000E+000	1.78922E+000	1.78922E+000	5.80000E-004	0.00000E+000	1.80369E+000
Rollers	9.50000E-004	9.62000E-003	9.40000E-003	1.00000E-005	5.90000E-004	5.40000E-004	0.00000E+000	1.15253E+000	1.15253E+000	3.70000E-004	0.00000E+000	1.16185E+000
Rubber Tired Dozers	1.05000E-003	1.09700E-002	4.04000E-003	1.00000E-005	5.30000E-004	4.90000E-004	0.00000E+000	7.50560E-001	7.50560E-001	2.40000E-004	0.00000E+000	7.56630E-001
Tractors/Loaders/Backhoes	3.70000E-004	3.79000E-003	4.52000E-003	1.00000E-005	2.20000E-004	2.10000E-004	0.00000E+000	5.45940E-001	5.45940E-001	1.80000E-004	0.00000E+000	5.50360E-001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	5.50000E-004	3.82000E-003	4.54000E-003	1.00000E-005	2.40000E-004	2.40000E-004	0.00000E+000	6.38310E-001	6.38310E-001	4.00000E-005	0.00000E+000	6.39410E-001
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Concrete/Industrial Saws	3.80000E-004	3.04000E-003	3.67000E-003	1.00000E-005	1.70000E-004	1.70000E-004	0.00000E+000	5.37660E-001	5.37660E-001	3.00000E-005	0.00000E+000	5.38440E-001
Excavators	4.60000E-004	4.31000E-003	6.54000E-003	1.00000E-005	2.10000E-004	1.90000E-004	0.00000E+000	9.07530E-001	9.07530E-001	2.90000E-004	0.00000E+000	9.14870E-001
Graders	4.50000E-004	5.92000E-003	1.77000E-003	1.00000E-005	1.90000E-004	1.70000E-004	0.00000E+000	5.82130E-001	5.82130E-001	1.90000E-004	0.00000E+000	5.86830E-001
Pavers	1.23000E-003	1.29800E-002	1.45200E-002	2.00000E-005	6.30000E-004	5.80000E-004	0.00000E+000	2.06412E+000	2.06412E+000	6.70000E-004	0.00000E+000	2.08081E+000
Paving Equipment	9.60000E-004	9.70000E-003	1.27100E-002	2.00000E-005	4.80000E-004	4.40000E-004	0.00000E+000	1.78922E+000	1.78922E+000	5.80000E-004	0.00000E+000	1.80369E+000
Rollers	9.50000E-004	9.62000E-003	9.40000E-003	1.00000E-005	5.90000E-004	5.40000E-004	0.00000E+000	1.15253E+000	1.15253E+000	3.70000E-004	0.00000E+000	1.16185E+000
Rubber Tired Dozers	1.05000E-003	1.09700E-002	4.04000E-003	1.00000E-005	5.30000E-004	4.90000E-004	0.00000E+000	7.50560E-001	7.50560E-001	2.40000E-004	0.00000E+000	7.56630E-001
Tractors/Loaders/Backhoes	3.70000E-004	3.79000E-003	4.52000E-003	1.00000E-005	2.20000E-004	2.10000E-004	0.00000E+000	5.45940E-001	5.45940E-001	1.80000E-004	0.00000E+000	5.50360E-001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Excavators	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Graders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Pavers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Paving Equipment	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rollers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Tractors/Loaders/Backhoes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
No	Soil Stabilizer for unpaved Roads	PM10 Reduction		PM2.5 Reduction			
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
Yes	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph)	15.00		
Yes	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Grading	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Grading	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving	Roads	0.00	0.00	0.00	0.00	0.00	0.00

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Percent Reduction											
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation Selected	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.00	0.15		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	250.00
No	Use Low VOC Paint (Residential Exterior)	250.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services Percent Reduction in Waste Disposed	

CalEEMod Input Matrix
Project Charateristics

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	Proctor Valley Road	Notes	Project Description
Project Location	San Diego County	--	
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	01-Oct-21	Offsite Schedule	Proctor Valley EIR Assumptions
Operational Year	N/A		

Table 2: Utility Information			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Select Utility Company	N/A		
CO2 Intensity Factor (lb./Mwh)			
CH4 Intensity Factor (lb./Mwh)			
N20 Intensity Factor (lb./Mwh)			

CalEEMod Input Matrix
Project Charateristics

Table 3: Pollutants			
Pollutant Selection	**Pollutant Full Name**	**Notes**	**Source**
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N20	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Sheet
Construction Phase

Table 5: Construction					
Phase Name	**Phase Type**	**Start Date**	**End Date**	**Days/Week**	**Total Days**
Grading	Grading	01-Oct-21	04-Oct-21	5 days/week	3
Paving	Paving	05-Oct-21	11-Oct-21	5 days/week	5
Arch Coating	Arch Coating	12-Oct-21	13-Oct-21	5 days/week	2

Table 6: Off-Road Equipment					
Phase Name	**Equipment Type**	**Unit Amount**	**Hours/Day**	**Horsepower (hp)**	**Load Factor**
Grading	default				
Paving					
Arch Coating					

CalEEMod Input Sheet
Construction Phase

Table 7: Dust from Material Movement								
Phase Name	**Material Imported**	**Material Exported**	**Size Metric**	**Material Import/Export Phased?**	**Mean Vehicle Speed (mph)**	**Total Acres Graded**	**Material Moisture Content (%) Bulldozing**	**Material Silt Content**
SV Grading	default					23.17	default	
SCV Grading						5.28		
CV Grading						7.24		
NV Grading						12.55		

Table 8: Demolition		
Phase Name	**Size Metric**	**Unit Amount**
default		

Table 9: Construction Trips and VMT									
Phase Name	**# Trips Worker (/day)**	**# Trips Vendor (/day)**	**Total # Trips Hauling**	**Trip Length Worker (miles)**	**Trip Length Worker (miles)**	**Trip Length Hauling (miles)**	**Vehicle Class Worker**	**Vehicle Class Vendor**	**Vehicle Class Hauling**
South Paving	Refer to Construction VMT Worksheet								
South Landscaping									
Central Paving									
Central Landscaping									
North Paving									
North Landscaping									
PA 16/19 Paving									
PA 16/19 Landscaping									

CalEEMod Input Sheet
Construction Phase

Table 10: On-Road Fugitive Dust								
Phase Name	**% Pave Worker**	**% Pave Vendor**	**% Pave Hauling**	**Road Silt Loading (g/m2)**	**Material Silt Content (%)**	**Material Moisture Content (%)**	**Average Vehicle Weight (tons)**	**Mean Vehicle Speed (mph)**
South Paving	default							
South Landscaping								
Central Paving								
Central Landscaping								
North Paving								
North Landscaping								
PA 16/19 Paving								
PA 16/19 Landscaping								

Table 11: Construction Trips and VMT										
Phase Name	**Residential Interior VOC (g/L)**	**Residential Interior Area (sqft)**	**Residential Exterior VOC (g/L)**	**Residential Exterior Area (sqft)**	**Non-Residential Interior VOC (g/L)**	**Non-Residential Interior Area (sqft)**	**Non-Residential Exterior VOC (g/L)**	**Non-Residential Exterior Area (sqft)**	**VOC for Parking Lot Paint (g/L)**	**Parking Area (sqft)**
N/A										

Tables 12 through 31 pertain to operational emissions and are therefore omitted

CalEEMod Input Sheet
Construction Mitigation

Table 32: Off-Road Equipment						
Equipment Type	**Fuel Type**	**Engine Tier**	**Number of Equipments Mitigated**	**Total Number of Off-road Equipments**	**DPF Level**	**Using Oxidation Catalyst (% Reduction)**
--						

Table 33: Fugitive Dust	
Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	default
PM 2.5 (% Reduction)	
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	15
Clean Paved Road	
% PM Reduction	--

CalEEMod Output Files
Construction – Mitigated

South Village Residential General Construction - LEA

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	0.00	0.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2023
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Woodstoves - operational analysis only

Construction Off-road Equipment Mitigation - Refer to CalEEMod Input Matrix Table 32

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblGrading	AcresOfGrading	162.50	272.50
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	PhaseName		Interact Paving -6
tblOffRoadEquipment	PhaseName		Interact Paving -7
tblOffRoadEquipment	PhaseName		Grading
tblOffRoadEquipment	PhaseName		Interact Utilities
tblOffRoadEquipment	PhaseName		Slope Landscaping
tblOffRoadEquipment	PhaseName		Interact Paving -1
tblOffRoadEquipment	PhaseName		Interact Paving -2
tblOffRoadEquipment	PhaseName		Interact Paving -3
tblOffRoadEquipment	PhaseName		Interact Paving -4
tblOffRoadEquipment	PhaseName		Interact Paving -5
tblOffRoadEquipment	PhaseName		Grading
tblOffRoadEquipment	PhaseName		Interact Paving -6
tblOffRoadEquipment	PhaseName		Interact Paving -7
tblOffRoadEquipment	PhaseName		Interact Utilities

tblOffRoadEquipment	PhaseName		Slope Landscaping
tblOffRoadEquipment	PhaseName		Interact Paving -1
tblOffRoadEquipment	PhaseName		Interact Paving -2
tblOffRoadEquipment	PhaseName		Interact Paving -3
tblOffRoadEquipment	PhaseName		Interact Paving -4
tblOffRoadEquipment	PhaseName		Interact Paving -5
tblOffRoadEquipment	PhaseName		Grading
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00

tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	OperationalYear	2018	2023
tblTripsAndVMT	HaulingTripLength	20.00	0.50
tblTripsAndVMT	HaulingTripNumber	0.00	2,417.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	WorkerTripNumber	20.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	20.00	10.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00

tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	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	3.7422	42.6308	30.0022	0.0678	41.9804	1.8126	43.6191	10.1596	1.6676	11.8272	0.0000	6,630.6376	6,630.6376	2.0336	0.0000	6,681.4765
2023	0.9649	9.0268	9.9043	0.0254	3.5192	0.3306	3.6851	0.3691	0.3042	0.5496	0.0000	2,487.2607	2,487.2607	0.7323	0.0000	2,505.5669
2024	0.4698	4.4820	5.0804	0.0142	3.5192	0.1481	3.6673	0.3691	0.1363	0.5054	0.0000	1,405.3568	1,405.3568	0.3775	0.0000	1,414.7952
2025	0.4300	3.8204	5.0400	0.0142	3.5192	0.1234	3.6426	0.3691	0.1136	0.4827	0.0000	1,402.8066	1,402.8066	0.3773	0.0000	1,412.2396
Maximum	**3.7422**	**42.6308**	**30.0022**	**0.0678**	**41.9804**	**1.8126**	**43.6191**	**10.1596**	**1.6676**	**11.8272**	**0.0000**	**6,630.6376**	**6,630.6376**	**2.0336**	**0.0000**	**6,681.4765**

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	1.1284	23.0580	37.6832	0.0678	17.6520	0.1054	17.7574	3.9803	0.1052	4.0535	0.0000	6,630.6376	6,630.6376	2.0336	0.0000	6,681.4765
2023	0.3799	8.4989	14.9076	0.0254	1.5648	0.0388	1.5848	0.1739	0.0387	0.1938	0.0000	2,487.2607	2,487.2607	0.7323	0.0000	2,505.5669
2024	0.2022	4.6908	7.5885	0.0142	1.5648	0.0199	1.5847	0.1739	0.0199	0.1938	0.0000	1,405.3568	1,405.3568	0.3775	0.0000	1,414.7952
2025	0.2009	4.6794	7.5783	0.0142	1.5648	0.0199	1.5847	0.1739	0.0198	0.1937	0.0000	1,402.8066	1,402.8066	0.3773	0.0000	1,412.2396
Maximum	**1.1284**	**23.0580**	**37.6832**	**0.0678**	**17.6520**	**0.1054**	**17.7574**	**3.9803**	**0.1052**	**4.0535**	**0.0000**	**6,630.6376**	**6,630.6376**	**2.0336**	**0.0000**	**6,681.4765**

	ROG	NOx	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	**65.91**	**31.74**	**-35.44**	**0.00**	**57.47**	**92.38**	**58.78**	**60.04**	**91.74**	**65.32**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.4900e-003	9.5000e-004	0.0825	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**2.4900e-003**	**9.5000e-004**	**0.0825**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.4900e-003	9.5000e-004	0.0825	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**2.4900e-003**	**9.5000e-004**	**0.0825**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

	ROG	NOx	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	Site Preparation	Site Preparation	9/1/2022	9/30/2022	5	22	
2	Grading	Grading	10/1/2022	12/31/2022	5	65	
3	Interact Utilities	Site Preparation	1/1/2023	6/30/2023	5	130	
4	Slope Landscaping	Site Preparation	2/1/2023	6/1/2023	5	87	
5	Interact Paving -1	Paving	7/1/2023	7/31/2023	5	21	
6	Interact Paving -2	Paving	11/1/2023	11/30/2023	5	22	
7	Interact Paving -3	Paving	3/1/2024	3/31/2024	5	21	
8	Interact Paving -4	Paving	7/1/2024	7/31/2024	5	23	
9	Interact Paving -5	Paving	11/1/2024	11/30/2024	5	21	
10	Interact Paving -6	Paving	3/1/2025	3/31/2025	5	21	
11	Interact Paving -7	Paving	7/1/2025	7/31/2025	5	23	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 272.5

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
Site Preparation	Other Construction Equipment	1	8.00	172	0.42
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Slope Landscaping	Excavators	1	8.00	158	0.38
Slope Landscaping	Rubber Tired Loaders	1	8.00	203	0.36
Interact Utilities	Excavators	1	8.00	158	0.38
Interact Utilities	Rubber Tired Loaders	1	8.00	203	0.36
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Interact Paving -1	Excavators	1	8.00	158	0.38
Interact Paving -1	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -2	Excavators	1	8.00	158	0.38
Interact Paving -2	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -3	Excavators	1	8.00	158	0.38
Interact Paving -3	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -4	Excavators	1	8.00	158	0.38
Interact Paving -4	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -5	Excavators	1	8.00	158	0.38
Interact Paving -5	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -6	Excavators	1	8.00	158	0.38
Interact Paving -6	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -7	Excavators	1	8.00	158	0.38
Interact Paving -7	Rubber Tired Loaders	1	8.00	203	0.36

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	8	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Slope Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Utilities	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	10.00	4.00	2,417.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	HHDT
Interact Paving -1	2	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -2	2	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -3	2	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -4	2	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -5	2	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -6	2	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -7	2	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.5461	36.8986	23.7180	0.0442		1.8116	1.8116		1.6667	1.6667		4,284.3931	4,284.3931	1.3857		4,319.0346
Total	**3.5461**	**36.8986**	**23.7180**	**0.0442**	**18.0663**	**1.8116**	**19.8779**	**9.9307**	**1.6667**	**11.5974**		**4,284.3931**	**4,284.3931**	**1.3857**		**4,319.0346**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**2.1900**	**9.9000e-004**	**2.1910**	**0.2289**	**9.3000e-004**	**0.2299**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.7732	14.9013	27.6742	0.0442		0.0723	0.0723		0.0723	0.0723	0.0000	4,284.3931	4,284.3931	1.3857		4,319.0346
Total	**0.7732**	**14.9013**	**27.6742**	**0.0442**	**7.0458**	**0.0723**	**7.1181**	**3.8730**	**0.0723**	**3.9452**	**0.0000**	**4,284.3931**	**4,284.3931**	**1.3857**		**4,319.0346**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		29.4610	29.4610	8.0000e-004		29.4811
Total	**0.0267**	**0.3928**	**0.2020**	**1.3400e-003**	**0.9723**	**9.9000e-004**	**0.9733**	**0.1073**	**9.3000e-004**	**0.1082**		**141.9021**	**141.9021**	**9.3600e-003**		**142.1362**

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					10.4680	0.0000	10.4680	3.7903	0.0000	3.7903			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**10.4680**	**1.6349**	**12.1029**	**3.7903**	**1.5041**	**5.2944**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0684	3.3807	0.6199	3.9600e-003	27.3666	2.5600e-003	27.3692	2.7321	2.4500e-003	2.7345		433.1335	433.1335	0.0788		435.1028
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0372	0.0230	0.2314	7.4000e-004	3.2596	5.6000e-004	3.2601	0.3387	5.1000e-004	0.3392		73.6526	73.6526	2.0100e-003		73.7028
Total	**0.1174**	**3.7873**	**0.9606**	**5.7400e-003**	**31.5123**	**3.8900e-003**	**31.5162**	**3.1642**	**3.6900e-003**	**3.1679**		**619.2271**	**619.2271**	**0.0893**		**621.4607**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.0825	0.0000	4.0825	1.4782	0.0000	1.4782			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**1.0110**	**19.2707**	**36.7226**	**0.0621**	**4.0825**	**0.1015**	**4.1841**	**1.4782**	**0.1015**	**1.5798**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0684	3.3807	0.6199	3.9600e-003	11.7313	2.5600e-003	11.7339	1.1703	2.4500e-003	1.1728		433.1335	433.1335	0.0788		435.1028
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0372	0.0230	0.2314	7.4000e-004	1.4431	5.6000e-004	1.4436	0.1572	5.1000e-004	0.1577		73.6526	73.6526	2.0100e-003		73.7028
Total	**0.1174**	**3.7873**	**0.9606**	**5.7400e-003**	**13.5694**	**3.8900e-003**	**13.5733**	**1.3719**	**3.6900e-003**	**1.3756**		**619.2271**	**619.2271**	**0.0893**		**621.4607**

3.4 Interact Utilities - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4592	4.2033	4.7675	0.0114		0.1647	0.1647		0.1515	0.1515		1,105.6668	1,105.6668	0.3576		1,114.6067
Total	**0.4592**	**4.2033**	**4.7675**	**0.0114**	**0.0000**	**0.1647**	**0.1647**	**0.0000**	**0.1515**	**0.1515**		**1,105.6668**	**1,105.6668**	**0.3576**		**1,114.6067**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.0271	3.8000e-004	0.0275	7.7900e-003	3.6000e-004	8.1600e-003		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.0329	2.2000e-004	0.0331	8.7200e-003	2.0000e-004	8.9200e-003		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**0.0599**	**6.0000e-004**	**0.0605**	**0.0165**	**5.6000e-004**	**0.0171**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.6668	1,105.6668	0.3576		1,114.6067
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**	**0.0000**	**0.0188**	**0.0188**	**0.0000**	**0.0188**	**0.0188**	**0.0000**	**1,105.6668**	**1,105.6668**	**0.3576**		**1,114.6067**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.0271	3.8000e-004	0.0275	7.7900e-003	3.6000e-004	8.1600e-003		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.0329	2.2000e-004	0.0331	8.7200e-003	2.0000e-004	8.9200e-003		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**0.0599**	**6.0000e-004**	**0.0605**	**0.0165**	**5.6000e-004**	**0.0171**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

3.5 Slope Landscaping - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4592	4.2033	4.7675	0.0114		0.1647	0.1647		0.1515	0.1515		1,105.6668	1,105.6668	0.3576		1,114.6067
Total	**0.4592**	**4.2033**	**4.7675**	**0.0114**	**0.0000**	**0.1647**	**0.1647**	**0.0000**	**0.1515**	**0.1515**		**1,105.6668**	**1,105.6668**	**0.3576**		**1,114.6067**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**2.1900**	**6.0000e-004**	**2.1906**	**0.2289**	**5.6000e-004**	**0.2295**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.6668	1,105.6668	0.3576		1,114.6067
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**	**0.0000**	**0.0188**	**0.0188**	**0.0000**	**0.0188**	**0.0188**	**0.0000**	**1,105.6668**	**1,105.6668**	**0.3576**		**1,114.6067**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0233**	**0.3101**	**0.1846**	**1.3000e-003**	**0.9723**	**6.0000e-004**	**0.9729**	**0.1073**	**5.6000e-004**	**0.1079**		**137.9636**	**137.9636**	**8.5300e-003**		**138.1768**

3.6 Interact Paving -1 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4592	4.2033	4.7675	0.0114		0.1647	0.1647		0.1515	0.1515		1,105.6668	1,105.6668	0.3576		1,114.6067
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4592**	**4.2033**	**4.7675**	**0.0114**		**0.1647**	**0.1647**		**0.1515**	**0.1515**		**1,105.6668**	**1,105.6668**	**0.3576**		**1,114.6067**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**3.5192**	**1.1600e-003**	**3.5204**	**0.3691**	**1.1000e-003**	**0.3702**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.6668	1,105.6668	0.3576		1,114.6067
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**		**0.0188**	**0.0188**		**0.0188**	**0.0188**	**0.0000**	**1,105.6668**	**1,105.6668**	**0.3576**		**1,114.6067**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	0.9876	9.4000e-004	0.9885	0.1110	9.0000e-004	0.1119		274.0693	274.0693	0.0195		274.5564
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**1.5648**	**1.1600e-003**	**1.5660**	**0.1739**	**1.1000e-003**	**0.1750**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

3.7 Interact Paving -2 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4592	4.2033	4.7675	0.0114		0.1647	0.1647		0.1515	0.1515		1,105.6668	1,105.6668	0.3576		1,114.6067
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4592**	**4.2033**	**4.7675**	**0.0114**		**0.1647**	**0.1647**		**0.1515**	**0.1515**		**1,105.6668**	**1,105.6668**	**0.3576**		**1,114.6067**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**3.5192**	**1.1600e-003**	**3.5204**	**0.3691**	**1.1000e-003**	**0.3702**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.6668	1,105.6668	0.3576		1,114.6067
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**		**0.0188**	**0.0188**		**0.0188**	**0.0188**	**0.0000**	**1,105.6668**	**1,105.6668**	**0.3576**		**1,114.6067**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	0.9876	9.4000e-004	0.9885	0.1110	9.0000e-004	0.1119		274.0693	274.0693	0.0195		274.5564
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542
Total	**0.0370**	**0.7626**	**0.3329**	**2.8200e-003**	**1.5648**	**1.1600e-003**	**1.5660**	**0.1739**	**1.1000e-003**	**0.1750**		**302.4052**	**302.4052**	**0.0202**		**302.9106**

3.8 Interact Paving -3 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4342	3.7306	4.7611	0.0114		0.1470	0.1470		0.1352	0.1352		1,105.7795	1,105.7795	0.3576		1,114.7203
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4342**	**3.7306**	**4.7611**	**0.0114**		**0.1470**	**0.1470**		**0.1352**	**0.1352**		**1,105.7795**	**1,105.7795**	**0.3576**		**1,114.7203**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	2.2154	9.2000e-004	2.2163	0.2337	8.7000e-004	0.2345		272.3569	272.3569	0.0192		272.8376
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0355**	**0.7514**	**0.3193**	**2.7900e-003**	**3.5192**	**1.1300e-003**	**3.5203**	**0.3691**	**1.0700e-003**	**0.3702**		**299.5774**	**299.5774**	**0.0199**		**300.0749**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.7795	1,105.7795	0.3576		1,114.7203
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**		**0.0188**	**0.0188**		**0.0188**	**0.0188**	**0.0000**	**1,105.7795**	**1,105.7795**	**0.3576**		**1,114.7203**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	0.9876	9.2000e-004	0.9885	0.1110	8.7000e-004	0.1119		272.3569	272.3569	0.0192		272.8376
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0355**	**0.7514**	**0.3193**	**2.7900e-003**	**1.5648**	**1.1300e-003**	**1.5660**	**0.1739**	**1.0700e-003**	**0.1750**		**299.5774**	**299.5774**	**0.0199**		**300.0749**

3.9 Interact Paving -4 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4342	3.7306	4.7611	0.0114		0.1470	0.1470		0.1352	0.1352		1,105.7795	1,105.7795	0.3576		1,114.7203
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4342**	**3.7306**	**4.7611**	**0.0114**		**0.1470**	**0.1470**		**0.1352**	**0.1352**		**1,105.7795**	**1,105.7795**	**0.3576**		**1,114.7203**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	2.2154	9.2000e-004	2.2163	0.2337	8.7000e-004	0.2345		272.3569	272.3569	0.0192		272.8376
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0355**	**0.7514**	**0.3193**	**2.7900e-003**	**3.5192**	**1.1300e-003**	**3.5203**	**0.3691**	**1.0700e-003**	**0.3702**		**299.5774**	**299.5774**	**0.0199**		**300.0749**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.7795	1,105.7795	0.3576		1,114.7203
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**		**0.0188**	**0.0188**		**0.0188**	**0.0188**	**0.0000**	**1,105.7795**	**1,105.7795**	**0.3576**		**1,114.7203**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	0.9876	9.2000e-004	0.9885	0.1110	8.7000e-004	0.1119		272.3569	272.3569	0.0192		272.8376
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0355**	**0.7514**	**0.3193**	**2.7900e-003**	**1.5648**	**1.1300e-003**	**1.5660**	**0.1739**	**1.0700e-003**	**0.1750**		**299.5774**	**299.5774**	**0.0199**		**300.0749**

3.10 Interact Paving -5 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4342	3.7306	4.7611	0.0114		0.1470	0.1470		0.1352	0.1352		1,105.7795	1,105.7795	0.3576		1,114.7203
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4342**	**3.7306**	**4.7611**	**0.0114**		**0.1470**	**0.1470**		**0.1352**	**0.1352**		**1,105.7795**	**1,105.7795**	**0.3576**		**1,114.7203**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	2.2154	9.2000e-004	2.2163	0.2337	8.7000e-004	0.2345		272.3569	272.3569	0.0192		272.8376
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0355**	**0.7514**	**0.3193**	**2.7900e-003**	**3.5192**	**1.1300e-003**	**3.5203**	**0.3691**	**1.0700e-003**	**0.3702**		**299.5774**	**299.5774**	**0.0199**		**300.0749**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.7795	1,105.7795	0.3576		1,114.7203
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**		**0.0188**	**0.0188**		**0.0188**	**0.0188**	**0.0000**	**1,105.7795**	**1,105.7795**	**0.3576**		**1,114.7203**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	0.9876	9.2000e-004	0.9885	0.1110	8.7000e-004	0.1119		272.3569	272.3569	0.0192		272.8376
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		27.2205	27.2205	6.8000e-004		27.2374
Total	**0.0355**	**0.7514**	**0.3193**	**2.7900e-003**	**1.5648**	**1.1300e-003**	**1.5660**	**0.1739**	**1.0700e-003**	**0.1750**		**299.5774**	**299.5774**	**0.0199**		**300.0749**

3.11 Interact Paving -6 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3957	3.0803	4.7309	0.0114		0.1223	0.1223		0.1125	0.1125		1,105.9597	1,105.9597	0.3577		1,114.9020
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3957**	**3.0803**	**4.7309**	**0.0114**		**0.1223**	**0.1223**		**0.1125**	**0.1125**		**1,105.9597**	**1,105.9597**	**0.3577**		**1,114.9020**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0214	0.7329	0.2344	2.5000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		270.7267	270.7267	0.0190		271.2018
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.1202	26.1202	6.2000e-004		26.1358
Total	**0.0343**	**0.7400**	**0.3091**	**2.7600e-003**	**3.5192**	**1.1000e-003**	**3.5203**	**0.3691**	**1.0400e-003**	**0.3702**		**296.8469**	**296.8469**	**0.0196**		**297.3376**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.9597	1,105.9597	0.3577		1,114.9020
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**		**0.0188**	**0.0188**		**0.0188**	**0.0188**	**0.0000**	**1,105.9597**	**1,105.9597**	**0.3577**		**1,114.9020**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0214	0.7329	0.2344	2.5000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		270.7267	270.7267	0.0190		271.2018
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.1202	26.1202	6.2000e-004		26.1358
Total	**0.0343**	**0.7400**	**0.3091**	**2.7600e-003**	**1.5648**	**1.1000e-003**	**1.5659**	**0.1739**	**1.0400e-003**	**0.1749**		**296.8469**	**296.8469**	**0.0196**		**297.3376**

3.12 Interact Paving -7 - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3957	3.0803	4.7309	0.0114		0.1223	0.1223		0.1125	0.1125		1,105.9597	1,105.9597	0.3577		1,114.9020
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3957**	**3.0803**	**4.7309**	**0.0114**		**0.1223**	**0.1223**		**0.1125**	**0.1125**		**1,105.9597**	**1,105.9597**	**0.3577**		**1,114.9020**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0214	0.7329	0.2344	2.5000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		270.7267	270.7267	0.0190		271.2018
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.1202	26.1202	6.2000e-004		26.1358
Total	**0.0343**	**0.7400**	**0.3091**	**2.7600e-003**	**3.5192**	**1.1000e-003**	**3.5203**	**0.3691**	**1.0400e-003**	**0.3702**		**296.8469**	**296.8469**	**0.0196**		**297.3376**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.9597	1,105.9597	0.3577		1,114.9020
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**		**0.0188**	**0.0188**		**0.0188**	**0.0188**	**0.0000**	**1,105.9597**	**1,105.9597**	**0.3577**		**1,114.9020**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0214	0.7329	0.2344	2.5000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		270.7267	270.7267	0.0190		271.2018
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.1202	26.1202	6.2000e-004		26.1358
Total	**0.0343**	**0.7400**	**0.3091**	**2.7600e-003**	**1.5648**	**1.1000e-003**	**1.5659**	**0.1739**	**1.0400e-003**	**0.1749**		**296.8469**	**296.8469**	**0.0196**		**297.3376**

CalEEMod Version: CalEEMod.2016.3.1 Date: 9/28/2017 8:58 AM

South Village Residential General Construction - LEA - San Diego County, Summer

South Village Residential General Construction - LEA

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	0.00	0.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2023
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Woodstoves - operational analysis only

Construction Off-road Equipment Mitigation - Refer to CalEEMod Input Matrix Table 32

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblGrading	AcresOfGrading	162.50	272.50
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	PhaseName		Interact Paving -6
tblOffRoadEquipment	PhaseName		Interact Paving -7
tblOffRoadEquipment	PhaseName		Grading
tblOffRoadEquipment	PhaseName		Interact Utilities
tblOffRoadEquipment	PhaseName		Slope Landscaping
tblOffRoadEquipment	PhaseName		Interact Paving -1
tblOffRoadEquipment	PhaseName		Interact Paving -2
tblOffRoadEquipment	PhaseName		Interact Paving -3
tblOffRoadEquipment	PhaseName		Interact Paving -4
tblOffRoadEquipment	PhaseName		Interact Paving -5
tblOffRoadEquipment	PhaseName		Grading
tblOffRoadEquipment	PhaseName		Interact Paving -6
tblOffRoadEquipment	PhaseName		Interact Paving -7
tblOffRoadEquipment	PhaseName		Interact Utilities

tblOffRoadEquipment	PhaseName		Slope Landscaping
tblOffRoadEquipment	PhaseName		Interact Paving -1
tblOffRoadEquipment	PhaseName		Interact Paving -2
tblOffRoadEquipment	PhaseName		Interact Paving -3
tblOffRoadEquipment	PhaseName		Interact Paving -4
tblOffRoadEquipment	PhaseName		Interact Paving -5
tblOffRoadEquipment	PhaseName		Grading
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
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tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00

tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	OperationalYear	2018	2023
tblTripsAndVMT	HaulingTripLength	20.00	0.50
tblTripsAndVMT	HaulingTripNumber	0.00	2,417.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	WorkerTripNumber	20.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	20.00	10.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00

tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	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	3.7298	42.7509	29.8505	0.0684	41.9804	1.8126	43.6185	10.1596	1.6676	11.8272	0.0000	6,692.6062	6,692.6062	2.0245	0.0000	6,743.2175
2023	0.9605	9.0277	9.8985	0.0255	3.5192	0.3306	3.6850	0.3691	0.3041	0.5496	0.0000	2,496.7525	2,496.7525	0.7315	0.0000	2,515.0408
2024	0.4669	4.4845	5.0649	0.0143	3.5192	0.1481	3.6673	0.3691	0.1363	0.5054	0.0000	1,414.2806	1,414.2806	0.3766	0.0000	1,423.6959
2025	0.4272	3.8229	5.0248	0.0143	3.5192	0.1234	3.6426	0.3691	0.1136	0.4827	0.0000	1,411.5682	1,411.5682	0.3764	0.0000	1,420.9790
Maximum	**3.7298**	**42.7509**	**29.8505**	**0.0684**	**41.9804**	**1.8126**	**43.6185**	**10.1596**	**1.6676**	**11.8272**	**0.0000**	**6,692.6062**	**6,692.6062**	**2.0245**	**0.0000**	**6,743.2175**

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	1.1160	23.1782	37.5315	0.0684	17.6520	0.1048	17.7568	3.9803	0.1047	4.0534	0.0000	6,692.6062	6,692.6062	2.0245	0.0000	6,743.2175
2023	0.3754	8.4998	14.9018	0.0255	1.5648	0.0387	1.5847	0.1739	0.0387	0.1937	0.0000	2,496.7525	2,496.7525	0.7315	0.0000	2,515.0408
2024	0.1993	4.6933	7.5730	0.0143	1.5648	0.0199	1.5847	0.1739	0.0198	0.1937	0.0000	1,414.2806	1,414.2806	0.3766	0.0000	1,423.6959
2025	0.1982	4.6819	7.5631	0.0143	1.5648	0.0198	1.5847	0.1739	0.0198	0.1937	0.0000	1,411.5682	1,411.5682	0.3764	0.0000	1,420.9790
Maximum	**1.1160**	**23.1782**	**37.5315**	**0.0684**	**17.6520**	**0.1048**	**17.7568**	**3.9803**	**0.1047**	**4.0534**	**0.0000**	**6,692.6062**	**6,692.6062**	**2.0245**	**0.0000**	**6,743.2175**

	ROG	NOx	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	**66.18**	**31.68**	**-35.58**	**0.00**	**57.47**	**92.41**	**58.78**	**60.04**	**91.77**	**65.32**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.4900e-003	9.5000e-004	0.0825	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**2.4900e-003**	**9.5000e-004**	**0.0825**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.4900e-003	9.5000e-004	0.0825	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	**2.4900e-003**	**9.5000e-004**	**0.0825**	**0.0000**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**4.6000e-004**	**0.0000**	**0.1486**	**0.1486**	**1.4000e-004**	**0.0000**	**0.1521**

	ROG	NOx	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	Site Preparation	Site Preparation	9/1/2022	9/30/2022	5	22	
2	Grading	Grading	10/1/2022	12/31/2022	5	65	
3	Interact Utilities	Site Preparation	1/1/2023	6/30/2023	5	130	
4	Slope Landscaping	Site Preparation	2/1/2023	6/1/2023	5	87	
5	Interact Paving -1	Paving	7/1/2023	7/31/2023	5	21	
6	Interact Paving -2	Paving	11/1/2023	11/30/2023	5	22	
7	Interact Paving -3	Paving	3/1/2024	3/31/2024	5	21	
8	Interact Paving -4	Paving	7/1/2024	7/31/2024	5	23	
9	Interact Paving -5	Paving	11/1/2024	11/30/2024	5	21	
10	Interact Paving -6	Paving	3/1/2025	3/31/2025	5	21	
11	Interact Paving -7	Paving	7/1/2025	7/31/2025	5	23	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 272.5

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
Site Preparation	Other Construction Equipment	1	8.00	172	0.42
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Slope Landscaping	Excavators	1	8.00	158	0.38
Slope Landscaping	Rubber Tired Loaders	1	8.00	203	0.36
Interact Utilities	Excavators	1	8.00	158	0.38
Interact Utilities	Rubber Tired Loaders	1	8.00	203	0.36
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Interact Paving -1	Excavators	1	8.00	158	0.38
Interact Paving -1	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -2	Excavators	1	8.00	158	0.38
Interact Paving -2	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -3	Excavators	1	8.00	158	0.38
Interact Paving -3	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -4	Excavators	1	8.00	158	0.38
Interact Paving -4	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -5	Excavators	1	8.00	158	0.38
Interact Paving -5	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -6	Excavators	1	8.00	158	0.38
Interact Paving -6	Rubber Tired Loaders	1	8.00	203	0.36
Interact Paving -7	Excavators	1	8.00	158	0.38
Interact Paving -7	Rubber Tired Loaders	1	8.00	203	0.36

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	8	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Slope Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Utilities	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	10.00	4.00	2,417.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	HHDT
Interact Paving -1	2	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -2	2	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -3	2	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -4	2	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -5	2	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -6	2	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -7	2	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved 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					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.5461	36.8986	23.7180	0.0442		1.8116	1.8116		1.6667	1.6667		4,284.3931	4,284.3931	1.3857		4,319.0346
Total	**3.5461**	**36.8986**	**23.7180**	**0.0442**	**18.0663**	**1.8116**	**19.8779**	**9.9307**	**1.6667**	**11.5974**		**4,284.3931**	**4,284.3931**	**1.3857**		**4,319.0346**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**2.1900**	**9.6000e-004**	**2.1909**	**0.2289**	**9.0000e-004**	**0.2298**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.7732	14.9013	27.6742	0.0442		0.0723	0.0723		0.0723	0.0723	0.0000	4,284.3931	4,284.3931	1.3857		4,319.0346
Total	**0.7732**	**14.9013**	**27.6742**	**0.0442**	**7.0458**	**0.0723**	**7.1181**	**3.8730**	**0.0723**	**3.9452**	**0.0000**	**4,284.3931**	**4,284.3931**	**1.3857**		**4,319.0346**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		31.3824	31.3824	8.5000e-004		31.4037
Total	**0.0243**	**0.3931**	**0.1970**	**1.3800e-003**	**0.9723**	**9.6000e-004**	**0.9732**	**0.1073**	**9.0000e-004**	**0.1082**		**146.8279**	**146.8279**	**8.9200e-003**		**147.0510**

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					10.4680	0.0000	10.4680	3.7903	0.0000	3.7903			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**10.4680**	**1.6349**	**12.1029**	**3.7903**	**1.5041**	**5.2944**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0610	3.5020	0.4640	4.4500e-003	27.3666	2.0100e-003	27.3686	2.7321	1.9200e-003	2.7340		487.2942	487.2942	0.0700		489.0451
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0327	0.0205	0.2466	7.9000e-004	3.2596	5.6000e-004	3.2601	0.3387	5.1000e-004	0.3392		78.4560	78.4560	2.1300e-003		78.5092
Total	**0.1049**	**3.9075**	**0.8089**	**6.3100e-003**	**31.5123**	**3.3100e-003**	**31.5156**	**3.1642**	**3.1300e-003**	**3.1673**		**681.1956**	**681.1956**	**0.0802**		**683.2017**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.0825	0.0000	4.0825	1.4782	0.0000	1.4782			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**1.0110**	**19.2707**	**36.7226**	**0.0621**	**4.0825**	**0.1015**	**4.1841**	**1.4782**	**0.1015**	**1.5798**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0610	3.5020	0.4640	4.4500e-003	11.7313	2.0100e-003	11.7333	1.1703	1.9200e-003	1.1722		487.2942	487.2942	0.0700		489.0451
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0327	0.0205	0.2466	7.9000e-004	1.4431	5.6000e-004	1.4436	0.1572	5.1000e-004	0.1577		78.4560	78.4560	2.1300e-003		78.5092
Total	**0.1049**	**3.9075**	**0.8089**	**6.3100e-003**	**13.5694**	**3.3100e-003**	**13.5727**	**1.3719**	**3.1300e-003**	**1.3750**		**681.1956**	**681.1956**	**0.0802**		**683.2017**

3.4 Interact Utilities - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4592	4.2033	4.7675	0.0114		0.1647	0.1647		0.1515	0.1515		1,105.6668	1,105.6668	0.3576		1,114.6067
Total	**0.4592**	**4.2033**	**4.7675**	**0.0114**	**0.0000**	**0.1647**	**0.1647**	**0.0000**	**0.1515**	**0.1515**		**1,105.6668**	**1,105.6668**	**0.3576**		**1,114.6067**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.0271	3.6000e-004	0.0274	7.7900e-003	3.4000e-004	8.1400e-003		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.0329	2.2000e-004	0.0331	8.7200e-003	2.0000e-004	8.9200e-003		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**0.0599**	**5.8000e-004**	**0.0605**	**0.0165**	**5.4000e-004**	**0.0171**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.6668	1,105.6668	0.3576		1,114.6067
Total	**0.1667**	**3.9394**	**7.2692**	**0.0114**	**0.0000**	**0.0188**	**0.0188**	**0.0000**	**0.0188**	**0.0188**	**0.0000**	**1,105.6668**	**1,105.6668**	**0.3576**		**1,114.6067**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.0271	3.6000e-004	0.0274	7.7900e-003	3.4000e-004	8.1400e-003		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.0329	2.2000e-004	0.0331	8.7200e-003	2.0000e-004	8.9200e-003		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**0.0599**	**5.8000e-004**	**0.0605**	**0.0165**	**5.4000e-004**	**0.0171**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**

3.5 Slope Landscaping - 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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4592	4.2033	4.7675	0.0114		0.1647	0.1647		0.1515	0.1515		1,105.6668	1,105.6668	0.3576		1,114.6067
Total	**0.4592**	**4.2033**	**4.7675**	**0.0114**	**0.0000**	**0.1647**	**0.1647**	**0.0000**	**0.1515**	**0.1515**		**1,105.6668**	**1,105.6668**	**0.3576**		**1,114.6067**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	**0.0211**	**0.3105**	**0.1817**	**1.3400e-003**	**2.1900**	**5.8000e-004**	**2.1906**	**0.2289**	**5.4000e-004**	**0.2295**		**142.7095**	**142.7095**	**8.1700e-003**		**142.9138**