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)**
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	--

Proctor Valley EIR - Central Village Non-Residential

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Industrial Park	8.50	1000sqft	2.10	8,500.00	0
City Park	15.20	Acre	15.20	840.00	0
Recreational Swimming Pool	1.50	1000sqft	1.20	1,500.00	0
Regional Shopping Center	10.00	1000sqft	1.50	10,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2027
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	441.1	**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 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

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

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

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

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

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

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

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

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

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

Off-road Equipment -

Off-road Equipment -

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

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

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

Vehicle Trips - Refer to CalEEMod Input Matrix Table 12

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Area Coating - Refer to CalEEMod Input Matrix Table 11

Energy Use - Refer to CalEEMod Input Matrix Table 21

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Water Mitigation -

Waste Mitigation -

Area Mitigation - Refer to CalEEMod Input Matrix Table 36

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	9,250.00	210.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	9,250.00	4,250.00
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tblArchitecturalCoating	ConstArea_Parking	0.00	66,688.00
tblArchitecturalCoating	ConstArea_Parking	0.00	292,963.00
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tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Parking	250	100
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblEnergyUse	LightingElect	0.00	2.91
tblEnergyUse	NT24E	0.00	4.27

tblEnergyUse	NT24NG	0.00	7.00
tblEnergyUse	T24E	0.00	1.27
tblEnergyUse	T24NG	0.00	4.00
tblGrading	AcresOfGrading	5.00	0.00
tblGrading	AcresOfGrading	12.50	2.50
tblGrading	AcresOfGrading	7.50	1.50
tblGrading	AcresOfGrading	2.50	0.50
tblGrading	AcresOfGrading	2.50	0.50
tblGrading	AcresOfGrading	17.50	3.50
tblGrading	AcresOfGrading	7.50	0.00
tblGrading	AcresOfGrading	0.50	0.00
tblGrading	AcresOfGrading	1.00	0.00
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tblGrading	AcresOfGrading	6.00	0.00
tblGrading	AcresOfGrading	1.00	0.00
tblLandUse	BuildingSpaceSquareFeet	0.00	1,500.00
tblLandUse	GreenSpaceSquareFeet	662,112.00	840.00
tblLandUse	LandUseSquareFeet	662,112.00	840.00
tblLandUse	LotAcreage	0.20	2.10
tblLandUse	LotAcreage	0.03	1.20
tblLandUse	LotAcreage	0.23	1.50
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
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tblOffRoadEquipment	PhaseName		Landscaping- Recreational Swimming Pool
tblOffRoadEquipment	PhaseName		Site Preparation - City Park (P3 Scenic)

tblOffRoadEquipment	PhaseName		Grading - City Park (P3 Scenic)
tblOffRoadEquipment	PhaseName		Landscaping - City Park (P4 Scenic)
tblOffRoadEquipment	PhaseName		Site Preparation - City Park (P2 Village Green)
tblOffRoadEquipment	PhaseName		Grading -City Park (P2 Village Green)
tblOffRoadEquipment	PhaseName		Site Preparation - User Defined (Retail Commercial Mix)
tblOffRoadEquipment	PhaseName		Landscaping - City Park (P1 Village Green)
tblOffRoadEquipment	PhaseName		Landscaping - City Park (Private Park Central)
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tblOffRoadEquipment	PhaseName		Site Preparation - User Defined (Fire Station)
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblProjectCharacteristics	OperationalYear	2018	2027
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tblTripsAndVMT	VendorTripNumber	0.00	4.00

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tblVehicleTrips	ST_TR	49.97	110.00
tblVehicleTrips	SU_TR	16.74	5.00
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tblVehicleTrips	SU_TR	25.24	110.00
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	6.83	1.88
tblVehicleTrips	WD_TR	33.82	24.00
tblVehicleTrips	WD_TR	42.70	110.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.7587	0.7254	0.8031	1.4400e-003	0.4082	0.0337	0.4419	0.1325	0.0317	0.1642	0.0000	125.0399	125.0399	0.0280	0.0000	125.7388
2024	0.4090	0.3449	0.3969	7.3000e-004	0.1994	0.0142	0.2136	0.0410	0.0133	0.0543	0.0000	63.1960	63.1960	0.0144	0.0000	63.5568
2025	0.5267	1.7010	2.0779	3.8500e-003	0.8175	0.0693	0.8868	0.2223	0.0651	0.2874	0.0000	335.8516	335.8516	0.0764	0.0000	337.7626
2026	0.2386	1.0549	1.3652	2.4100e-003	0.5565	0.0432	0.5997	0.1507	0.0407	0.1914	0.0000	209.0054	209.0054	0.0459	0.0000	210.1524
Maximum	**0.7587**	**1.7010**	**2.0779**	**3.8500e-003**	**0.8175**	**0.0693**	**0.8868**	**0.2223**	**0.0651**	**0.2874**	**0.0000**	**335.8516**	**335.8516**	**0.0764**	**0.0000**	**337.7626**

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.7084	0.5535	0.8897	1.4400e-003	0.1705	4.7900e-003	0.1753	0.0534	4.7900e-003	0.0582	0.0000	125.0397	125.0397	0.0280	0.0000	125.7387
2024	0.3838	0.2991	0.4283	7.3000e-004	0.0863	3.7100e-003	0.0901	0.0173	3.7100e-003	0.0211	0.0000	63.1960	63.1960	0.0144	0.0000	63.5568
2025	0.4183	1.4428	2.3742	3.8500e-003	0.3468	0.0107	0.3575	0.0910	0.0107	0.1017	0.0000	335.8512	335.8512	0.0764	0.0000	337.7622
2026	0.1706	0.9460	1.5138	2.4100e-003	0.2362	7.8300e-003	0.2440	0.0617	7.8300e-003	0.0696	0.0000	209.0051	209.0051	0.0459	0.0000	210.1522
Maximum	**0.7084**	**1.4428**	**2.3742**	**3.8500e-003**	**0.3468**	**0.0107**	**0.3575**	**0.0910**	**0.0107**	**0.1017**	**0.0000**	**335.8512**	**335.8512**	**0.0764**	**0.0000**	**337.7622**

	ROG	NOx	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	**13.04**	**15.29**	**-12.12**	**0.00**	**57.62**	**83.15**	**59.53**	**59.10**	**82.08**	**64.07**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**4-1-2023**	**6-30-2023**	0.9274	0.7490
2	**7-1-2023**	**9-30-2023**	0.5510	0.4969
5	**4-1-2024**	**6-30-2024**	0.1972	0.1510
6	**7-1-2024**	**9-30-2024**	0.5226	0.4966
9	**4-1-2025**	**6-30-2025**	0.4011	0.3097
10	**7-1-2025**	**9-30-2025**	1.0746	0.9302
11	**10-1-2025**	**12-31-2025**	0.7528	0.5917
12	**1-1-2026**	**3-31-2026**	0.4558	0.3790

13	**4-1-2026**	**6-30-2026**	0.5368	0.4569
14	**7-1-2026**	**9-30-2026**	0.2764	0.2473
		Highest	1.0746	0.9302

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0777	0.0000	3.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.3000e-004	6.3000e-004	0.0000	0.0000	6.7000e-004
Energy	1.1400e-003	0.0104	8.7000e-003	6.0000e-005		7.9000e-004	7.9000e-004		7.9000e-004	7.9000e-004	0.0000	62.9978	62.9978	3.6200e-003	9.1000e-004	63.3594
Mobile	0.3912	1.6645	4.0425	0.0109	0.8283	0.0135	0.8417	0.2218	0.0127	0.2345	0.0000	997.7148	997.7148	0.0622	0.0000	999.2699
Waste						0.0000	0.0000		0.0000	0.0000	6.2724	0.0000	6.2724	0.3707	0.0000	15.5397
Water						0.0000	0.0000		0.0000	0.0000	0.8868	48.6694	49.5562	0.0943	2.8100e-003	52.7512
Total	**0.4700**	**1.6749**	**4.0515**	**0.0109**	**0.8283**	**0.0143**	**0.8425**	**0.2218**	**0.0135**	**0.2353**	**7.1592**	**1,109.3826**	**1,116.5417**	**0.5308**	**3.7200e-003**	**1,130.9208**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0852	0.0000	3.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.3000e-004	6.3000e-004	0.0000	0.0000	6.7000e-004
Energy	1.1400e-003	0.0104	8.7000e-003	6.0000e-005		7.9000e-004	7.9000e-004		7.9000e-004	7.9000e-004	0.0000	62.9978	62.9978	3.6200e-003	9.1000e-004	63.3594
Mobile	0.3912	1.6645	4.0425	0.0109	0.8283	0.0135	0.8417	0.2218	0.0127	0.2345	0.0000	997.7148	997.7148	0.0622	0.0000	999.2699
Waste						0.0000	0.0000		0.0000	0.0000	1.5681	0.0000	1.5681	0.0927	0.0000	3.8849
Water						0.0000	0.0000		0.0000	0.0000	0.8868	48.6694	49.5562	0.0943	2.8100e-003	52.7512
Total	**0.4775**	**1.6749**	**4.0515**	**0.0109**	**0.8283**	**0.0143**	**0.8425**	**0.2218**	**0.0135**	**0.2353**	**2.4549**	**1,109.3826**	**1,111.8374**	**0.2528**	**3.7200e-003**	**1,119.2661**

	ROG	NOx	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	**-1.60**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**65.71**	**0.00**	**0.42**	**52.38**	**0.00**	**1.03**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation - Recreational Swimming Pool	Site Preparation	4/1/2023	4/3/2023	5	1	
2	Grading- Recreational Swimming Pool	Grading	4/4/2023	4/6/2023	5	3	

3	Building Construction- Recreational Swimming Pool	Building Construction	4/7/2023	7/31/2023	5	82	
4	Architectural Coating - Recreational Swimming Pool	Architectural Coating	6/1/2023	7/31/2023	5	43	
5	Landscaping- Recreational Swimming Pool	Site Preparation	7/1/2023	7/31/2023	5	21	
6	Paving - City Park (P3 Scenic)	Paving	4/24/2024	4/30/2024	5	5	
7	Site Preparation - City Park (P3 Scenic)	Site Preparation	5/1/2024	5/2/2024	5	2	
8	Grading - City Park (P3 Scenic)	Grading	5/3/2024	5/7/2024	5	3	
9	Building Construction - City Park (P3 Scenic)	Building Construction	5/8/2024	9/2/2024	5	84	
10	Architectural Coating - City Park (P3 Scenic)	Architectural Coating	7/1/2024	8/31/2024	5	45	
11	Site Preparation - City Park (P4 Scenic)	Site Preparation	8/1/2024	8/2/2024	5	2	
12	Grading - City Park (P4 Scenic)	Grading	8/3/2024	8/3/2024	5	0	
13	Landscaping - City Park (P4 Scenic)	Building Construction	8/4/2024	8/30/2024	5	20	
14	Paving -City Park (P2 Village Green)	Paving	4/24/2025	4/30/2025	5	5	
15	Site Preparation - City Park (P2 Village Green)	Site Preparation	5/1/2025	5/2/2025	5	2	
16	Grading -City Park (P2 Village Green)	Grading	5/3/2025	5/6/2025	5	2	
17	Building Construction -City Park (P2 Village Green)	Building Construction	5/7/2025	8/29/2025	5	83	
18	Site Preparation - User Defined (Retail Commercial Mix)	Site Preparation	6/1/2025	6/3/2025	5	2	
19	Grading - User Defined (Retail Commercial Mix)	Grading	6/4/2025	6/10/2025	5	5	
20	Building Construction - User Defined (Retail Commercial Mix)	Building Construction	6/11/2025	12/1/2025	5	124	
21	Architectural Coating -City Park (P2 Village Green)	Architectural Coating	7/1/2025	8/31/2025	5	44	
22	Site Preparation - City Park (P1 Village Green)	Site Preparation	8/1/2025	8/4/2025	5	2	
23	Site Preparation - City Park (Private Park Central)	Site Preparation	8/1/2025	8/4/2025	5	2	
24	Grading- City Park (P1 Village Green)	Grading	8/5/2025	8/5/2025	5	1	
25	Grading - City Park (Private Park Central)	Grading	8/5/2025	8/5/2025	5	1	

26	Landscaping - City Park (P1 Village Green)	Site Preparation	8/6/2025	8/31/2025	5	18	
27	Landscaping - City Park (Private Park Central)	Building Construction	8/6/2025	9/2/2025	5	20	
28	Architectural Coating - User Defined (Retail Commercial Mix)	Architectural Coating	9/1/2025	9/30/2025	5	22	
29	Site Preparation - User Defined (Fire Station)	Site Preparation	11/1/2025	11/6/2025	5	4	
30	Grading - User Defined (Fire Station)	Grading	11/7/2025	11/17/2025	5	7	
31	Building Construction - User Defined (Fire Station)	Building Construction	11/18/2025	8/3/2026	5	185	
32	Paving - User Defined (Retail Commercial Mix)	Paving	11/22/2025	11/30/2025	5	5	
33	Architectural Coating - User Defined (Fire Station)	Architectural Coating	6/1/2026	7/31/2026	5	45	
34	Landscaping - User Defined (Fire Station)	Site Preparation	7/1/2026	7/31/2026	5	23	
35	Paving - User Defined (Fire Station)	Paving	7/25/2026	7/31/2026	5	5	

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: 630; Non-Residential Outdoor: 210; Striped Parking Area: 292,963 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Landscaping - Elementary	Skid Steer Loaders	2	8.00	65	0.37
Paving - City Park (P2 Village Green)	Pavers	2	7.00	130	0.42
Paving - City Park (P2 Village Green)	Paving Equipment	2	7.00	80	0.38
Paving - City Park (P2 Village Green)	Rollers	2	7.00	97	0.37
Site Preparation - Elementary School	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - Elementary School	Tractors/Loaders/Backhoes	4	8.00	97	0.37

Site Preparation - Recreational Swimming Pool	Graders	0		187	0.41
Site Preparation - Recreational Swimming Pool	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - Recreational Swimming Pool	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading- Recreational Swimming Pool	Excavators	2	8.00	158	0.38
Grading- Recreational Swimming Pool	Graders	1	8.00	187	0.41
Grading- Recreational Swimming Pool	Rubber Tired Dozers	1	8.00	247	0.40
Grading- Recreational Swimming Pool	Scrapers	2	8.00	367	0.48
Grading- Recreational Swimming Pool	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction- Recreational Swimming Pool	Cranes	1	7.00	231	0.29
Building Construction- Recreational Swimming Pool	Forklifts	3	8.00	89	0.20
Building Construction- Recreational Swimming Pool	Generator Sets	1	8.00	84	0.74
Building Construction- Recreational Swimming Pool	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction- Recreational Swimming Pool	Welders	1	8.00	46	0.45
Architectural Coating - Recreational Swimming Pool	Air Compressors	1	6.00	78	0.48
Landscaping- Recreational Swimming Pool	Rubber Tired Dozers	0	0.00	247	0.40
Landscaping- Recreational Swimming Pool	Skid Steer Loaders	2	8.00	65	0.37
Landscaping- Recreational Swimming Pool	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Paving - City Park (P3 Scenic)	Pavers	2	8.00	130	0.42
Paving - City Park (P3 Scenic)	Paving Equipment	2	8.00	132	0.36
Paving - City Park (P3 Scenic)	Rollers	2	8.00	80	0.38
Site Preparation - City Park (P3 Scenic)	Graders	0		187	0.41
Site Preparation - City Park (P3 Scenic)	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - City Park (P3 Scenic)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - City Park (P3 Scenic)	Concrete/Industrial Saws	0		81	0.73

Grading - City Park (P3 Scenic)	Excavators	2	8.00	158	0.38
Grading - City Park (P3 Scenic)	Graders	1	8.00	187	0.41
Grading - City Park (P3 Scenic)	Rubber Tired Dozers	1	8.00	247	0.40
Grading - City Park (P3 Scenic)	Scrapers	2	8.00	367	0.48
Grading - City Park (P3 Scenic)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - City Park (P3 Scenic)	Cranes	0	0.00	231	0.29
Building Construction - City Park (P3 Scenic)	Forklifts	1	8.00	89	0.20
Building Construction - City Park (P3 Scenic)	Generator Sets	0	0.00	84	0.74
Building Construction - City Park (P3 Scenic)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction - City Park (P3 Scenic)	Welders	1	8.00	46	0.45
Architectural Coating - City Park (P3 Scenic)	Air Compressors	1	6.00	78	0.48
Site Preparation - City Park (P4 Scenic)	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - City Park (P4 Scenic)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - City Park (P4 Scenic)	Excavators	2	8.00	158	0.38
Grading - City Park (P4 Scenic)	Graders	1	8.00	187	0.41
Grading - City Park (P4 Scenic)	Rubber Tired Dozers	1	8.00	247	0.40
Grading - City Park (P4 Scenic)	Scrapers	2	8.00	367	0.48
Grading - City Park (P4 Scenic)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Landscaping - City Park (P4 Scenic)	Cranes	0	0.00	231	0.29
Landscaping - City Park (P4 Scenic)	Forklifts	0	0.00	89	0.20
Landscaping - City Park (P4 Scenic)	Generator Sets	0	0.00	84	0.74
Landscaping - City Park (P4 Scenic)	Skid Steer Loaders	2	8.00	65	0.37
Landscaping - City Park (P4 Scenic)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Landscaping - City Park (P4 Scenic)	Welders	0	0.00	46	0.45
Paving -City Park (P2 Village Green)	Pavers	2	8.00	130	0.42
Paving -City Park (P2 Village Green)	Paving Equipment	2	8.00	132	0.36

Paving -City Park (P2 Village Green)	Rollers	2	8.00	80	0.38
Site Preparation - City Park (P2 Village Green)	Graders	0		187	0.41
Site Preparation - City Park (P2 Village Green)	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - City Park (P2 Village Green)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading -City Park (P2 Village Green)	Concrete/Industrial Saws	0		81	0.73
Grading -City Park (P2 Village Green)	Excavators	2	8.00	158	0.38
Grading -City Park (P2 Village Green)	Graders	1	8.00	187	0.41
Grading -City Park (P2 Village Green)	Rubber Tired Dozers	1	8.00	247	0.40
Grading -City Park (P2 Village Green)	Scrapers	2	8.00	367	0.48
Grading -City Park (P2 Village Green)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction -City Park (P2 Village Green)	Cranes	0	0.00	231	0.29
Building Construction -City Park (P2 Village Green)	Forklifts	1	8.00	89	0.20
Building Construction -City Park (P2 Village Green)	Generator Sets	1	8.00	84	0.74
Building Construction -City Park (P2 Village Green)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction -City Park (P2 Village Green)	Welders	0	0.00	46	0.45
Site Preparation - User Defined (Retail Commercial Mix)	Graders	0		187	0.41
Site Preparation - User Defined (Retail Commercial Mix)	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - User Defined (Retail Commercial Mix)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - User Defined (Retail Commercial Mix)	Excavators	2	8.00	158	0.38
Grading - User Defined (Retail Commercial Mix)	Graders	1	8.00	187	0.41
Grading - User Defined (Retail Commercial Mix)	Rubber Tired Dozers	1	8.00	247	0.40
Grading - User Defined (Retail Commercial Mix)	Scrapers	2	8.00	367	0.48
Grading - User Defined (Retail Commercial Mix)	Tractors/Loaders/Backhoes	2	8.00	97	0.37

Building Construction - User Defined (Retail Commercial Mix)	Cranes	1	7.00	231	0.29
Building Construction - User Defined (Retail Commercial Mix)	Forklifts	3	8.00	89	0.20
Building Construction - User Defined (Retail Commercial Mix)	Generator Sets	1	8.00	84	0.74
Building Construction - User Defined (Retail Commercial Mix)	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - User Defined (Retail Commercial Mix)	Welders	1	8.00	46	0.45
Architectural Coating -City Park (P2 Village Green)	Air Compressors	1	6.00	78	0.48
Site Preparation - City Park (P1 Village Green)	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - City Park (P1 Village Green)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation - City Park (Private Park Central)	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - City Park (Private Park Central)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading- City Park (P1 Village Green)	Excavators	2	8.00	158	0.38
Grading- City Park (P1 Village Green)	Graders	1	8.00	187	0.41
Grading- City Park (P1 Village Green)	Rubber Tired Dozers	1	8.00	247	0.40
Grading- City Park (P1 Village Green)	Scrapers	2	8.00	367	0.48
Grading- City Park (P1 Village Green)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Grading - City Park (Private Park Central)	Excavators	2	8.00	158	0.38
Grading - City Park (Private Park Central)	Graders	1	8.00	187	0.41
Grading - City Park (Private Park Central)	Rubber Tired Dozers	1	8.00	247	0.40
Grading - City Park (Private Park Central)	Scrapers	2	8.00	367	0.48
Grading - City Park (Private Park Central)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Landscaping - City Park (P1 Village Green)	Rubber Tired Dozers	0	0.00	247	0.40
Landscaping - City Park (P1 Village Green)	Skid Steer Loaders	2	8.00	65	0.37
Landscaping - City Park (P1 Village Green)	Tractors/Loaders/Backhoes	0	0.00	97	0.37

Landscaping - City Park (Private Park Central)	Cranes	0	0.00	231	0.29
Landscaping - City Park (Private Park Central)	Forklifts	0	0.00	89	0.20
Landscaping - City Park (Private Park Central)	Generator Sets	0	0.00	84	0.74
Landscaping - City Park (Private Park Central)	Skid Steer Loaders	2	8.00	65	0.37
Landscaping - City Park (Private Park Central)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Landscaping - City Park (Private Park Central)	Welders	0	0.00	46	0.45
Architectural Coating - User Defined (Retail Commercial Mix)	Air Compressors	1	6.00	78	0.48
Site Preparation - User Defined (Fire Station)	Graders	0		187	0.41
Site Preparation - User Defined (Fire Station)	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - User Defined (Fire Station)	Scrapers	0		367	0.48
Site Preparation - User Defined (Fire Station)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - User Defined (Fire Station)	Excavators	2	8.00	158	0.38
Grading - User Defined (Fire Station)	Graders	1	8.00	187	0.41
Grading - User Defined (Fire Station)	Rubber Tired Dozers	1	8.00	247	0.40
Grading - User Defined (Fire Station)	Scrapers	2	8.00	367	0.48
Grading - User Defined (Fire Station)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - User Defined (Fire Station)	Cranes	1	7.00	231	0.29
Building Construction - User Defined (Fire Station)	Forklifts	3	8.00	89	0.20
Building Construction - User Defined (Fire Station)	Generator Sets	1	8.00	84	0.74
Building Construction - User Defined (Fire Station)	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - User Defined (Fire Station)	Welders	1	8.00	46	0.45
Paving - User Defined (Retail Commercial Mix)	Pavers	2	8.00	130	0.42
Paving - User Defined (Retail Commercial Mix)	Paving Equipment	2	8.00	132	0.36

Paving - User Defined (Retail Commercial Mix)	Rollers	2	8.00	80	0.38
Architectural Coating - User Defined (Fire Station)	Air Compressors	1	6.00	78	0.48
Landscaping - User Defined (Fire Station)	Rubber Tired Dozers	0	0.00	247	0.40
Landscaping - User Defined (Fire Station)	Skid Steer Loaders	2	8.00	65	0.37
Landscaping - User Defined (Fire Station)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Paving - User Defined (Fire Station)	Pavers	2	8.00	130	0.42
Paving - User Defined (Fire Station)	Paving Equipment	2	8.00	132	0.36
Paving - User Defined (Fire Station)	Rollers	2	8.00	80	0.38

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 - Recreational Swimmin	3	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading- Recreational Swimming Pool	7	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction- Recreational Swimmin	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Recreational Swimmin	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Landscaping- Recreational Swimmin	9	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving - City Park (P3 Scenic)	6	10.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - City Park (P3 Scenic)	5	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - City Park (P3 Scenic)	9	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - City Park (P3 Scenic)	5	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - City Park (P3 Scenic	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - City Park (P4 Scenic)	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - City Park (P4 Scenic)	8	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Landscaping - City Park (P4 Scenic)	11	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving -City Park (P2 Village Green)	6	6.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Site Preparation - City Park (P2 Village Gree	5	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading -City Park (P2 Village Green)	9	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - City Park (P2 Village	5	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - User Defined (Retail C	3	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - User Defined (Retail Comm	7	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - User Defined (Retail C	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - City Park (P2 Village	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - City Park (P1 Village Gree	7	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - City Park (Private Park Ce	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading- City Park (P1 Village Green)	8	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - City Park (Private Park Central)	8	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Landscaping - City Park (P1 Village Gree	9	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Landscaping - City Park (Private Park Ce	11	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - User Defined (Retail C	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - User Defined - (Fire St	6	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - User Defined - (Fire Station)	8	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - User Defined - (Fire St	8	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving - User Defined (Retail Commercial Mi	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - User Defined - (Fire S	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Landscaping - User Defined - (Fire Station)	9	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving - User Defined (Fire Station)	6	10.00	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

3.2 Site Preparation - Recreational Swimming Pool - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.0100e-003	0.0000	3.0100e-003	1.6600e-003	0.0000	1.6600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3300e-003	0.0138	9.1200e-003	2.0000e-005		6.3000e-004	6.3000e-004		5.8000e-004	5.8000e-004	0.0000	1.6725	1.6725	5.4000e-004	0.0000	1.6861
Total	**1.3300e-003**	**0.0138**	**9.1200e-003**	**2.0000e-005**	**3.0100e-003**	**6.3000e-004**	**3.6400e-003**	**1.6600e-003**	**5.8000e-004**	**2.2400e-003**	**0.0000**	**1.6725**	**1.6725**	**5.4000e-004**	**0.0000**	**1.6861**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.5000e-004	5.0000e-005	0.0000	4.0000e-004	0.0000	4.0000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0505	0.0505	0.0000	0.0000	0.0506
Worker	1.0000e-005	0.0000	4.0000e-005	0.0000	5.8000e-004	0.0000	5.8000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0130	0.0130	0.0000	0.0000	0.0130
Total	**1.0000e-005**	**1.5000e-004**	**9.0000e-005**	**0.0000**	**9.8000e-004**	**0.0000**	**9.8000e-004**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**0.0635**	**0.0635**	**0.0000**	**0.0000**	**0.0636**

3.2 Site Preparation - Recreational Swimming Pool - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.1700e-003	0.0000	1.1700e-003	6.5000e-004	0.0000	6.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.5000e-004	6.0800e-003	0.0115	2.0000e-005		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	1.6725	1.6725	5.4000e-004	0.0000	1.6861
Total	**3.5000e-004**	**6.0800e-003**	**0.0115**	**2.0000e-005**	**1.1700e-003**	**3.0000e-005**	**1.2000e-003**	**6.5000e-004**	**3.0000e-005**	**6.8000e-004**	**0.0000**	**1.6725**	**1.6725**	**5.4000e-004**	**0.0000**	**1.6861**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.5000e-004	5.0000e-005	0.0000	1.8000e-004	0.0000	1.8000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0505	0.0505	0.0000	0.0000	0.0506
Worker	1.0000e-005	0.0000	4.0000e-005	0.0000	2.6000e-004	0.0000	2.6000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0130	0.0130	0.0000	0.0000	0.0130
Total	**1.0000e-005**	**1.5000e-004**	**9.0000e-005**	**0.0000**	**4.4000e-004**	**0.0000**	**4.4000e-004**	**5.0000e-005**	**0.0000**	**5.0000e-005**	**0.0000**	**0.0635**	**0.0635**	**0.0000**	**0.0000**	**0.0636**

3.3 Grading- Recreational Swimming Pool - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					9.8300e-003	0.0000	9.8300e-003	5.0500e-003	0.0000	5.0500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.9800e-003	0.0518	0.0421	9.0000e-005		2.1400e-003	2.1400e-003		1.9700e-003	1.9700e-003	0.0000	8.1803	8.1803	2.6500e-003	0.0000	8.2464
Total	**4.9800e-003**	**0.0518**	**0.0421**	**9.0000e-005**	**9.8300e-003**	**2.1400e-003**	**0.0120**	**5.0500e-003**	**1.9700e-003**	**7.0200e-003**	**0.0000**	**8.1803**	**8.1803**	**2.6500e-003**	**0.0000**	**8.2464**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	4.6000e-004	1.4000e-004	0.0000	1.1900e-003	0.0000	1.1900e-003	1.3000e-004	0.0000	1.3000e-004	0.0000	0.1515	0.1515	1.0000e-005	0.0000	0.1517
Worker	2.0000e-005	1.0000e-005	1.3000e-004	0.0000	1.7500e-003	0.0000	1.7500e-003	1.8000e-004	0.0000	1.8000e-004	0.0000	0.0389	0.0389	0.0000	0.0000	0.0390
Total	**3.0000e-005**	**4.7000e-004**	**2.7000e-004**	**0.0000**	**2.9400e-003**	**0.0000**	**2.9400e-003**	**3.1000e-004**	**0.0000**	**3.1000e-004**	**0.0000**	**0.1904**	**0.1904**	**1.0000e-005**	**0.0000**	**0.1907**

3.3 Grading- Recreational Swimming Pool - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.8300e-003	0.0000	3.8300e-003	1.9700e-003	0.0000	1.9700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5200e-003	0.0289	0.0551	9.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	8.1803	8.1803	2.6500e-003	0.0000	8.2464
Total	**1.5200e-003**	**0.0289**	**0.0551**	**9.0000e-005**	**3.8300e-003**	**1.5000e-004**	**3.9800e-003**	**1.9700e-003**	**1.5000e-004**	**2.1200e-003**	**0.0000**	**8.1803**	**8.1803**	**2.6500e-003**	**0.0000**	**8.2464**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	4.6000e-004	1.4000e-004	0.0000	5.3000e-004	0.0000	5.3000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1515	0.1515	1.0000e-005	0.0000	0.1517
Worker	2.0000e-005	1.0000e-005	1.3000e-004	0.0000	7.8000e-004	0.0000	7.8000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.0389	0.0389	0.0000	0.0000	0.0390
Total	**3.0000e-005**	**4.7000e-004**	**2.7000e-004**	**0.0000**	**1.3100e-003**	**0.0000**	**1.3100e-003**	**1.5000e-004**	**0.0000**	**1.5000e-004**	**0.0000**	**0.1904**	**0.1904**	**1.0000e-005**	**0.0000**	**0.1907**

3.4 Building Construction- Recreational Swimming Pool - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0645	0.5898	0.6660	1.1000e-003		0.0287	0.0287		0.0270	0.0270	0.0000	95.0400	95.0400	0.0226	0.0000	95.6052
Total	**0.0645**	**0.5898**	**0.6660**	**1.1000e-003**		**0.0287**	**0.0287**		**0.0270**	**0.0270**	**0.0000**	**95.0400**	**95.0400**	**0.0226**	**0.0000**	**95.6052**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.6000e-004	0.0125	3.8700e-003	4.0000e-005	0.0325	1.0000e-005	0.0325	3.4400e-003	1.0000e-005	3.4600e-003	0.0000	4.1401	4.1401	2.8000e-004	0.0000	4.1471
Worker	1.2800e-003	8.5000e-004	8.8200e-003	3.0000e-005	0.1193	2.0000e-005	0.1193	0.0124	2.0000e-005	0.0125	0.0000	2.6612	2.6612	7.0000e-005	0.0000	2.6629
Total	**1.6400e-003**	**0.0134**	**0.0127**	**7.0000e-005**	**0.1517**	**3.0000e-005**	**0.1518**	**0.0159**	**3.0000e-005**	**0.0159**	**0.0000**	**6.8013**	**6.8013**	**3.5000e-004**	**0.0000**	**6.8100**

3.4 Building Construction- Recreational Swimming Pool - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4474	0.7328	1.1000e-003		3.4700e-003	3.4700e-003		3.4700e-003	3.4700e-003	0.0000	95.0398	95.0398	0.0226	0.0000	95.6051
Total	**0.0219**	**0.4474**	**0.7328**	**1.1000e-003**		**3.4700e-003**	**3.4700e-003**		**3.4700e-003**	**3.4700e-003**	**0.0000**	**95.0398**	**95.0398**	**0.0226**	**0.0000**	**95.6051**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.6000e-004	0.0125	3.8700e-003	4.0000e-005	0.0145	1.0000e-005	0.0145	1.6500e-003	1.0000e-005	1.6600e-003	0.0000	4.1401	4.1401	2.8000e-004	0.0000	4.1471
Worker	1.2800e-003	8.5000e-004	8.8200e-003	3.0000e-005	0.0530	2.0000e-005	0.0530	5.8200e-003	2.0000e-005	5.8400e-003	0.0000	2.6612	2.6612	7.0000e-005	0.0000	2.6629
Total	**1.6400e-003**	**0.0134**	**0.0127**	**7.0000e-005**	**0.0675**	**3.0000e-005**	**0.0675**	**7.4700e-003**	**3.0000e-005**	**7.5000e-003**	**0.0000**	**6.8013**	**6.8013**	**3.5000e-004**	**0.0000**	**6.8100**

3.5 Architectural Coating - Recreational Swimming Pool - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.6802					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.1200e-003	0.0280	0.0389	6.0000e-005		1.5200e-003	1.5200e-003		1.5200e-003	1.5200e-003	0.0000	5.4895	5.4895	3.3000e-004	0.0000	5.4977
Total	**0.6843**	**0.0280**	**0.0389**	**6.0000e-005**		**1.5200e-003**	**1.5200e-003**		**1.5200e-003**	**1.5200e-003**	**0.0000**	**5.4895**	**5.4895**	**3.3000e-004**	**0.0000**	**5.4977**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9000e-004	6.5600e-003	2.0300e-003	2.0000e-005	0.0170	1.0000e-005	0.0170	1.8000e-003	1.0000e-005	1.8100e-003	0.0000	2.1710	2.1710	1.5000e-004	0.0000	2.1747
Worker	1.3000e-004	9.0000e-005	9.2000e-004	0.0000	0.0125	0.0000	0.0125	1.3000e-003	0.0000	1.3100e-003	0.0000	0.2791	0.2791	1.0000e-005	0.0000	0.2793
Total	**3.2000e-004**	**6.6500e-003**	**2.9500e-003**	**2.0000e-005**	**0.0295**	**1.0000e-005**	**0.0295**	**3.1000e-003**	**1.0000e-005**	**3.1200e-003**	**0.0000**	**2.4501**	**2.4501**	**1.6000e-004**	**0.0000**	**2.4540**

3.5 Architectural Coating - Recreational Swimming Pool - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.6802					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.1700e-003	0.0228	0.0394	6.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	5.4895	5.4895	3.3000e-004	0.0000	5.4977
Total	**0.6813**	**0.0228**	**0.0394**	**6.0000e-005**		**9.0000e-005**	**9.0000e-005**		**9.0000e-005**	**9.0000e-005**	**0.0000**	**5.4895**	**5.4895**	**3.3000e-004**	**0.0000**	**5.4977**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9000e-004	6.5600e-003	2.0300e-003	2.0000e-005	7.6100e-003	1.0000e-005	7.6200e-003	8.7000e-004	1.0000e-005	8.7000e-004	0.0000	2.1710	2.1710	1.5000e-004	0.0000	2.1747
Worker	1.3000e-004	9.0000e-005	9.2000e-004	0.0000	5.5600e-003	0.0000	5.5600e-003	6.1000e-004	0.0000	6.1000e-004	0.0000	0.2791	0.2791	1.0000e-005	0.0000	0.2793
Total	**3.2000e-004**	**6.6500e-003**	**2.9500e-003**	**2.0000e-005**	**0.0132**	**1.0000e-005**	**0.0132**	**1.4800e-003**	**1.0000e-005**	**1.4800e-003**	**0.0000**	**2.4501**	**2.4501**	**1.6000e-004**	**0.0000**	**2.4540**

3.6 Landscaping- Recreational Swimming Pool - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1897	0.0000	0.1897	0.1043	0.0000	0.1043	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3700e-003	0.0182	0.0291	4.0000e-005		6.1000e-004	6.1000e-004		5.7000e-004	5.7000e-004	0.0000	3.8194	3.8194	1.2400e-003	0.0000	3.8503
Total	**1.3700e-003**	**0.0182**	**0.0291**	**4.0000e-005**	**0.1897**	**6.1000e-004**	**0.1903**	**0.1043**	**5.7000e-004**	**0.1048**	**0.0000**	**3.8194**	**3.8194**	**1.2400e-003**	**0.0000**	**3.8503**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	3.2000e-003	9.9000e-004	1.0000e-005	8.3100e-003	0.0000	8.3100e-003	8.8000e-004	0.0000	8.9000e-004	0.0000	1.0603	1.0603	7.0000e-005	0.0000	1.0621
Worker	1.3000e-004	9.0000e-005	9.0000e-004	0.0000	0.0122	0.0000	0.0122	1.2700e-003	0.0000	1.2800e-003	0.0000	0.2726	0.2726	1.0000e-005	0.0000	0.2728
Total	**2.2000e-004**	**3.2900e-003**	**1.8900e-003**	**1.0000e-005**	**0.0205**	**0.0000**	**0.0205**	**2.1500e-003**	**0.0000**	**2.1700e-003**	**0.0000**	**1.3329**	**1.3329**	**8.0000e-005**	**0.0000**	**1.3349**

3.6 Landscaping- Recreational Swimming Pool - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0740	0.0000	0.0740	0.0407	0.0000	0.0407	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0700e-003	0.0244	0.0330	4.0000e-005		1.0000e-003	1.0000e-003		1.0000e-003	1.0000e-003	0.0000	3.8194	3.8194	1.2400e-003	0.0000	3.8503
Total	**1.0700e-003**	**0.0244**	**0.0330**	**4.0000e-005**	**0.0740**	**1.0000e-003**	**0.0750**	**0.0407**	**1.0000e-003**	**0.0417**	**0.0000**	**3.8194**	**3.8194**	**1.2400e-003**	**0.0000**	**3.8503**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	3.2000e-003	9.9000e-004	1.0000e-005	3.7200e-003	0.0000	3.7200e-003	4.2000e-004	0.0000	4.3000e-004	0.0000	1.0603	1.0603	7.0000e-005	0.0000	1.0621
Worker	1.3000e-004	9.0000e-005	9.0000e-004	0.0000	5.4300e-003	0.0000	5.4300e-003	6.0000e-004	0.0000	6.0000e-004	0.0000	0.2726	0.2726	1.0000e-005	0.0000	0.2728
Total	**2.2000e-004**	**3.2900e-003**	**1.8900e-003**	**1.0000e-005**	**9.1500e-003**	**0.0000**	**9.1500e-003**	**1.0200e-003**	**0.0000**	**1.0300e-003**	**0.0000**	**1.3329**	**1.3329**	**8.0000e-005**	**0.0000**	**1.3349**

3.7 Paving - City Park (P3 Scenic) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.4700e-003	0.0238	0.0366	6.0000e-005		1.1700e-003	1.1700e-003		1.0800e-003	1.0800e-003	0.0000	5.0066	5.0066	1.6200e-003	0.0000	5.0471
Paving	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**	**0.0238**	**0.0366**	**6.0000e-005**		**1.1700e-003**	**1.1700e-003**		**1.0800e-003**	**1.0800e-003**	**0.0000**	**5.0066**	**5.0066**	**1.6200e-003**	**0.0000**	**5.0471**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.8800e-003	5.7000e-004	1.0000e-005	4.9500e-003	0.0000	4.9500e-003	5.2000e-004	0.0000	5.3000e-004	0.0000	0.6271	0.6271	4.0000e-005	0.0000	0.6282
Worker	7.0000e-005	5.0000e-005	5.0000e-004	0.0000	7.2700e-003	0.0000	7.2700e-003	7.6000e-004	0.0000	7.6000e-004	0.0000	0.1559	0.1559	0.0000	0.0000	0.1560
Total	**1.2000e-004**	**1.9300e-003**	**1.0700e-003**	**1.0000e-005**	**0.0122**	**0.0000**	**0.0122**	**1.2800e-003**	**0.0000**	**1.2900e-003**	**0.0000**	**0.7830**	**0.7830**	**4.0000e-005**	**0.0000**	**0.7841**

3.7 Paving - City Park (P3 Scenic) - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.4000e-004	0.0251	0.0432	6.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	5.0066	5.0066	1.6200e-003	0.0000	5.0471
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.4000e-004**	**0.0251**	**0.0432**	**6.0000e-005**		**9.0000e-005**	**9.0000e-005**		**9.0000e-005**	**9.0000e-005**	**0.0000**	**5.0066**	**5.0066**	**1.6200e-003**	**0.0000**	**5.0471**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.8800e-003	5.7000e-004	1.0000e-005	2.2100e-003	0.0000	2.2200e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.6271	0.6271	4.0000e-005	0.0000	0.6282
Worker	7.0000e-005	5.0000e-005	5.0000e-004	0.0000	3.2300e-003	0.0000	3.2300e-003	3.5000e-004	0.0000	3.6000e-004	0.0000	0.1559	0.1559	0.0000	0.0000	0.1560
Total	**1.2000e-004**	**1.9300e-003**	**1.0700e-003**	**1.0000e-005**	**5.4400e-003**	**0.0000**	**5.4500e-003**	**6.0000e-004**	**0.0000**	**6.1000e-004**	**0.0000**	**0.7830**	**0.7830**	**4.0000e-005**	**0.0000**	**0.7841**

3.8 Site Preparation - City Park (P3 Scenic) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0181	0.0000	0.0181	9.9300e-003	0.0000	9.9300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.6600e-003	0.0272	0.0183	4.0000e-005		1.2300e-003	1.2300e-003		1.1300e-003	1.1300e-003	0.0000	3.3457	3.3457	1.0800e-003	0.0000	3.3728
Total	**2.6600e-003**	**0.0272**	**0.0183**	**4.0000e-005**	**0.0181**	**1.2300e-003**	**0.0193**	**9.9300e-003**	**1.1300e-003**	**0.0111**	**0.0000**	**3.3457**	**3.3457**	**1.0800e-003**	**0.0000**	**3.3728**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	3.0000e-004	9.0000e-005	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.1003	0.1003	1.0000e-005	0.0000	0.1005
Worker	1.0000e-005	1.0000e-005	8.0000e-005	0.0000	1.1600e-003	0.0000	1.1600e-003	1.2000e-004	0.0000	1.2000e-004	0.0000	0.0249	0.0249	0.0000	0.0000	0.0250
Total	**2.0000e-005**	**3.1000e-004**	**1.7000e-004**	**0.0000**	**1.9500e-003**	**0.0000**	**1.9500e-003**	**2.0000e-004**	**0.0000**	**2.0000e-004**	**0.0000**	**0.1253**	**0.1253**	**1.0000e-005**	**0.0000**	**0.1255**

3.8 Site Preparation - City Park (P3 Scenic) - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.0500e-003	0.0000	7.0500e-003	3.8700e-003	0.0000	3.8700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.0000e-004	0.0122	0.0230	4.0000e-005		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	3.3457	3.3457	1.0800e-003	0.0000	3.3728
Total	**7.0000e-004**	**0.0122**	**0.0230**	**4.0000e-005**	**7.0500e-003**	**6.0000e-005**	**7.1100e-003**	**3.8700e-003**	**6.0000e-005**	**3.9300e-003**	**0.0000**	**3.3457**	**3.3457**	**1.0800e-003**	**0.0000**	**3.3728**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	3.0000e-004	9.0000e-005	0.0000	3.5000e-004	0.0000	3.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1003	0.1003	1.0000e-005	0.0000	0.1005
Worker	1.0000e-005	1.0000e-005	8.0000e-005	0.0000	5.2000e-004	0.0000	5.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0249	0.0249	0.0000	0.0000	0.0250
Total	**2.0000e-005**	**3.1000e-004**	**1.7000e-004**	**0.0000**	**8.7000e-004**	**0.0000**	**8.7000e-004**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**0.1253**	**0.1253**	**1.0000e-005**	**0.0000**	**0.1255**

3.9 Grading - City Park (P3 Scenic) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					9.0300e-003	0.0000	9.0300e-003	4.9700e-003	0.0000	4.9700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.8300e-003	0.0486	0.0416	9.0000e-005		2.0000e-003	2.0000e-003		1.8400e-003	1.8400e-003	0.0000	8.1779	8.1779	2.6400e-003	0.0000	8.2441
Total	**4.8300e-003**	**0.0486**	**0.0416**	**9.0000e-005**	**9.0300e-003**	**2.0000e-003**	**0.0110**	**4.9700e-003**	**1.8400e-003**	**6.8100e-003**	**0.0000**	**8.1779**	**8.1779**	**2.6400e-003**	**0.0000**	**8.2441**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	4.5000e-004	1.4000e-004	0.0000	1.1900e-003	0.0000	1.1900e-003	1.3000e-004	0.0000	1.3000e-004	0.0000	0.1505	0.1505	1.0000e-005	0.0000	0.1508
Worker	3.0000e-005	2.0000e-005	1.8000e-004	0.0000	2.6200e-003	0.0000	2.6200e-003	2.7000e-004	0.0000	2.7000e-004	0.0000	0.0561	0.0561	0.0000	0.0000	0.0562
Total	**4.0000e-005**	**4.7000e-004**	**3.2000e-004**	**0.0000**	**3.8100e-003**	**0.0000**	**3.8100e-003**	**4.0000e-004**	**0.0000**	**4.0000e-004**	**0.0000**	**0.2066**	**0.2066**	**1.0000e-005**	**0.0000**	**0.2069**

3.9 Grading - City Park (P3 Scenic) - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.5200e-003	0.0000	3.5200e-003	1.9400e-003	0.0000	1.9400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5200e-003	0.0289	0.0551	9.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	8.1779	8.1779	2.6400e-003	0.0000	8.2440
Total	**1.5200e-003**	**0.0289**	**0.0551**	**9.0000e-005**	**3.5200e-003**	**1.5000e-004**	**3.6700e-003**	**1.9400e-003**	**1.5000e-004**	**2.0900e-003**	**0.0000**	**8.1779**	**8.1779**	**2.6400e-003**	**0.0000**	**8.2440**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	4.5000e-004	1.4000e-004	0.0000	5.3000e-004	0.0000	5.3000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1505	0.1505	1.0000e-005	0.0000	0.1508
Worker	3.0000e-005	2.0000e-005	1.8000e-004	0.0000	1.1600e-003	0.0000	1.1600e-003	1.3000e-004	0.0000	1.3000e-004	0.0000	0.0561	0.0561	0.0000	0.0000	0.0562
Total	**4.0000e-005**	**4.7000e-004**	**3.2000e-004**	**0.0000**	**1.6900e-003**	**0.0000**	**1.6900e-003**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**0.2066**	**0.2066**	**1.0000e-005**	**0.0000**	**0.2069**

3.10 Building Construction - City Park (P3 Scenic) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0192	0.1483	0.1999	2.9000e-004		6.5800e-003	6.5800e-003		6.2100e-003	6.2100e-003	0.0000	23.6061	23.6061	5.8800e-003	0.0000	23.7532
Total	**0.0192**	**0.1483**	**0.1999**	**2.9000e-004**		**6.5800e-003**	**6.5800e-003**		**6.2100e-003**	**6.2100e-003**	**0.0000**	**23.6061**	**23.6061**	**5.8800e-003**	**0.0000**	**23.7532**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.6000e-004	0.0126	3.8400e-003	4.0000e-005	0.0332	1.0000e-005	0.0333	3.5300e-003	1.0000e-005	3.5400e-003	0.0000	4.2141	4.2141	2.8000e-004	0.0000	4.2212
Worker	5.0000e-004	3.2000e-004	3.3700e-003	1.0000e-005	0.0489	1.0000e-005	0.0489	5.1000e-003	1.0000e-005	5.1100e-003	0.0000	1.0475	1.0475	3.0000e-005	0.0000	1.0482
Total	**8.6000e-004**	**0.0130**	**7.2100e-003**	**5.0000e-005**	**0.0821**	**2.0000e-005**	**0.0821**	**8.6300e-003**	**2.0000e-005**	**8.6500e-003**	**0.0000**	**5.2616**	**5.2616**	**3.1000e-004**	**0.0000**	**5.2694**

3.10 Building Construction - City Park (P3 Scenic) - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.8500e-003	0.1478	0.1977	2.9000e-004		2.2500e-003	2.2500e-003		2.2500e-003	2.2500e-003	0.0000	23.6061	23.6061	5.8800e-003	0.0000	23.7532
Total	**5.8500e-003**	**0.1478**	**0.1977**	**2.9000e-004**		**2.2500e-003**	**2.2500e-003**		**2.2500e-003**	**2.2500e-003**	**0.0000**	**23.6061**	**23.6061**	**5.8800e-003**	**0.0000**	**23.7532**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.6000e-004	0.0126	3.8400e-003	4.0000e-005	0.0149	1.0000e-005	0.0149	1.6900e-003	1.0000e-005	1.7100e-003	0.0000	4.2141	4.2141	2.8000e-004	0.0000	4.2212
Worker	5.0000e-004	3.2000e-004	3.3700e-003	1.0000e-005	0.0217	1.0000e-005	0.0217	2.3800e-003	1.0000e-005	2.3900e-003	0.0000	1.0475	1.0475	3.0000e-005	0.0000	1.0482
Total	**8.6000e-004**	**0.0130**	**7.2100e-003**	**5.0000e-005**	**0.0366**	**2.0000e-005**	**0.0366**	**4.0700e-003**	**2.0000e-005**	**4.1000e-003**	**0.0000**	**5.2616**	**5.2616**	**3.1000e-004**	**0.0000**	**5.2694**

3.11 Architectural Coating - City Park (P3 Scenic) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3703					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.0700e-003	0.0274	0.0407	7.0000e-005		1.3700e-003	1.3700e-003		1.3700e-003	1.3700e-003	0.0000	5.7448	5.7448	3.2000e-004	0.0000	5.7529
Total	**0.3744**	**0.0274**	**0.0407**	**7.0000e-005**		**1.3700e-003**	**1.3700e-003**		**1.3700e-003**	**1.3700e-003**	**0.0000**	**5.7448**	**5.7448**	**3.2000e-004**	**0.0000**	**5.7529**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9000e-004	6.7600e-003	2.0600e-003	2.0000e-005	0.0178	1.0000e-005	0.0178	1.8900e-003	1.0000e-005	1.9000e-003	0.0000	2.2576	2.2576	1.5000e-004	0.0000	2.2614
Worker	1.3000e-004	9.0000e-005	9.0000e-004	0.0000	0.0131	0.0000	0.0131	1.3700e-003	0.0000	1.3700e-003	0.0000	0.2806	0.2806	1.0000e-005	0.0000	0.2808
Total	**3.2000e-004**	**6.8500e-003**	**2.9600e-003**	**2.0000e-005**	**0.0309**	**1.0000e-005**	**0.0309**	**3.2600e-003**	**1.0000e-005**	**3.2700e-003**	**0.0000**	**2.5382**	**2.5382**	**1.6000e-004**	**0.0000**	**2.5421**

3.11 Architectural Coating - City Park (P3 Scenic) - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3703					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2300e-003	0.0239	0.0412	7.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	5.7448	5.7448	3.2000e-004	0.0000	5.7529
Total	**0.3715**	**0.0239**	**0.0412**	**7.0000e-005**		**9.0000e-005**	**9.0000e-005**		**9.0000e-005**	**9.0000e-005**	**0.0000**	**5.7448**	**5.7448**	**3.2000e-004**	**0.0000**	**5.7529**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9000e-004	6.7600e-003	2.0600e-003	2.0000e-005	7.9700e-003	1.0000e-005	7.9800e-003	9.1000e-004	1.0000e-005	9.1000e-004	0.0000	2.2576	2.2576	1.5000e-004	0.0000	2.2614
Worker	1.3000e-004	9.0000e-005	9.0000e-004	0.0000	5.8100e-003	0.0000	5.8200e-003	6.4000e-004	0.0000	6.4000e-004	0.0000	0.2806	0.2806	1.0000e-005	0.0000	0.2808
Total	**3.2000e-004**	**6.8500e-003**	**2.9600e-003**	**2.0000e-005**	**0.0138**	**1.0000e-005**	**0.0138**	**1.5500e-003**	**1.0000e-005**	**1.5500e-003**	**0.0000**	**2.5382**	**2.5382**	**1.6000e-004**	**0.0000**	**2.5421**

3.12 Site Preparation - City Park (P4 Scenic) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0181	0.0000	0.0181	9.9300e-003	0.0000	9.9300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.6600e-003	0.0272	0.0183	4.0000e-005		1.2300e-003	1.2300e-003		1.1300e-003	1.1300e-003	0.0000	3.3457	3.3457	1.0800e-003	0.0000	3.3728
Total	**2.6600e-003**	**0.0272**	**0.0183**	**4.0000e-005**	**0.0181**	**1.2300e-003**	**0.0193**	**9.9300e-003**	**1.1300e-003**	**0.0111**	**0.0000**	**3.3457**	**3.3457**	**1.0800e-003**	**0.0000**	**3.3728**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	3.0000e-004	9.0000e-005	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.1003	0.1003	1.0000e-005	0.0000	0.1005
Worker	3.0000e-005	2.0000e-005	2.0000e-004	0.0000	2.9100e-003	0.0000	2.9100e-003	3.0000e-004	0.0000	3.0000e-004	0.0000	0.0624	0.0624	0.0000	0.0000	0.0624
Total	**4.0000e-005**	**3.2000e-004**	**2.9000e-004**	**0.0000**	**3.7000e-003**	**0.0000**	**3.7000e-003**	**3.8000e-004**	**0.0000**	**3.8000e-004**	**0.0000**	**0.1627**	**0.1627**	**1.0000e-005**	**0.0000**	**0.1629**

3.12 Site Preparation - City Park (P4 Scenic) - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.0500e-003	0.0000	7.0500e-003	3.8700e-003	0.0000	3.8700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.0000e-004	0.0122	0.0230	4.0000e-005		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	3.3457	3.3457	1.0800e-003	0.0000	3.3728
Total	**7.0000e-004**	**0.0122**	**0.0230**	**4.0000e-005**	**7.0500e-003**	**6.0000e-005**	**7.1100e-003**	**3.8700e-003**	**6.0000e-005**	**3.9300e-003**	**0.0000**	**3.3457**	**3.3457**	**1.0800e-003**	**0.0000**	**3.3728**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	3.0000e-004	9.0000e-005	0.0000	3.5000e-004	0.0000	3.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1003	0.1003	1.0000e-005	0.0000	0.1005
Worker	3.0000e-005	2.0000e-005	2.0000e-004	0.0000	1.2900e-003	0.0000	1.2900e-003	1.4000e-004	0.0000	1.4000e-004	0.0000	0.0624	0.0624	0.0000	0.0000	0.0624
Total	**4.0000e-005**	**3.2000e-004**	**2.9000e-004**	**0.0000**	**1.6400e-003**	**0.0000**	**1.6400e-003**	**1.8000e-004**	**0.0000**	**1.8000e-004**	**0.0000**	**0.1627**	**0.1627**	**1.0000e-005**	**0.0000**	**0.1629**

3.13 Grading - City Park (P4 Scenic) - 2024

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

3.13 Grading - City Park (P4 Scenic) - 2024

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.14 Landscaping - City Park (P4 Scenic) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.2500e-003	0.0165	0.0277	4.0000e-005		5.3000e-004	5.3000e-004		4.9000e-004	4.9000e-004	0.0000	3.6390	3.6390	1.1800e-003	0.0000	3.6685
Total	**1.2500e-003**	**0.0165**	**0.0277**	**4.0000e-005**		**5.3000e-004**	**5.3000e-004**		**4.9000e-004**	**4.9000e-004**	**0.0000**	**3.6390**	**3.6390**	**1.1800e-003**	**0.0000**	**3.6685**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	3.0100e-003	9.2000e-004	1.0000e-005	7.9100e-003	0.0000	7.9200e-003	8.4000e-004	0.0000	8.4000e-004	0.0000	1.0034	1.0034	7.0000e-005	0.0000	1.0051
Worker	1.2000e-004	8.0000e-005	8.0000e-004	0.0000	0.0116	0.0000	0.0116	1.2100e-003	0.0000	1.2200e-003	0.0000	0.2494	0.2494	1.0000e-005	0.0000	0.2496
Total	**2.1000e-004**	**3.0900e-003**	**1.7200e-003**	**1.0000e-005**	**0.0196**	**0.0000**	**0.0196**	**2.0500e-003**	**0.0000**	**2.0600e-003**	**0.0000**	**1.2528**	**1.2528**	**8.0000e-005**	**0.0000**	**1.2546**

3.14 Landscaping - City Park (P4 Scenic) - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.0200e-003	0.0232	0.0314	4.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004	0.0000	3.6390	3.6390	1.1800e-003	0.0000	3.6685
Total	**1.0200e-003**	**0.0232**	**0.0314**	**4.0000e-005**		**9.5000e-004**	**9.5000e-004**		**9.5000e-004**	**9.5000e-004**	**0.0000**	**3.6390**	**3.6390**	**1.1800e-003**	**0.0000**	**3.6685**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	3.0100e-003	9.2000e-004	1.0000e-005	3.5400e-003	0.0000	3.5500e-003	4.0000e-004	0.0000	4.1000e-004	0.0000	1.0034	1.0034	7.0000e-005	0.0000	1.0051
Worker	1.2000e-004	8.0000e-005	8.0000e-004	0.0000	5.1700e-003	0.0000	5.1700e-003	5.7000e-004	0.0000	5.7000e-004	0.0000	0.2494	0.2494	1.0000e-005	0.0000	0.2496
Total	**2.1000e-004**	**3.0900e-003**	**1.7200e-003**	**1.0000e-005**	**8.7100e-003**	**0.0000**	**8.7200e-003**	**9.7000e-004**	**0.0000**	**9.8000e-004**	**0.0000**	**1.2528**	**1.2528**	**8.0000e-005**	**0.0000**	**1.2546**

3.15 Paving -City Park (P2 Village Green) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.2900e-003	0.0215	0.0364	6.0000e-005		1.0500e-003	1.0500e-003		9.6000e-004	9.6000e-004	0.0000	5.0048	5.0048	1.6200e-003	0.0000	5.0453
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.2900e-003**	**0.0215**	**0.0364**	**6.0000e-005**		**1.0500e-003**	**1.0500e-003**		**9.6000e-004**	**9.6000e-004**	**0.0000**	**5.0048**	**5.0048**	**1.6200e-003**	**0.0000**	**5.0453**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.8500e-003	5.6000e-004	1.0000e-005	4.9500e-003	0.0000	4.9500e-003	5.2000e-004	0.0000	5.3000e-004	0.0000	0.6233	0.6233	4.0000e-005	0.0000	0.6243
Worker	4.0000e-005	3.0000e-005	2.8000e-004	0.0000	4.3600e-003	0.0000	4.3600e-003	4.6000e-004	0.0000	4.6000e-004	0.0000	0.0898	0.0898	0.0000	0.0000	0.0898
Total	**9.0000e-005**	**1.8800e-003**	**8.4000e-004**	**1.0000e-005**	**9.3100e-003**	**0.0000**	**9.3100e-003**	**9.8000e-004**	**0.0000**	**9.9000e-004**	**0.0000**	**0.7130**	**0.7130**	**4.0000e-005**	**0.0000**	**0.7141**

3.15 Paving -City Park (P2 Village Green) - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.4000e-004	0.0251	0.0432	6.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	5.0048	5.0048	1.6200e-003	0.0000	5.0453
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.4000e-004**	**0.0251**	**0.0432**	**6.0000e-005**		**9.0000e-005**	**9.0000e-005**		**9.0000e-005**	**9.0000e-005**	**0.0000**	**5.0048**	**5.0048**	**1.6200e-003**	**0.0000**	**5.0453**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.8500e-003	5.6000e-004	1.0000e-005	2.2100e-003	0.0000	2.2200e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.6233	0.6233	4.0000e-005	0.0000	0.6243
Worker	4.0000e-005	3.0000e-005	2.8000e-004	0.0000	1.9400e-003	0.0000	1.9400e-003	2.1000e-004	0.0000	2.1000e-004	0.0000	0.0898	0.0898	0.0000	0.0000	0.0898
Total	**9.0000e-005**	**1.8800e-003**	**8.4000e-004**	**1.0000e-005**	**4.1500e-003**	**0.0000**	**4.1600e-003**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**0.0000**	**0.7130**	**0.7130**	**4.0000e-005**	**0.0000**	**0.7141**

3.16 Site Preparation - City Park (P2 Village Green) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0181	0.0000	0.0181	9.9300e-003	0.0000	9.9300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4700e-003	0.0252	0.0179	4.0000e-005		1.0900e-003	1.0900e-003		1.0000e-003	1.0000e-003	0.0000	3.3467	3.3467	1.0800e-003	0.0000	3.3738
Total	**2.4700e-003**	**0.0252**	**0.0179**	**4.0000e-005**	**0.0181**	**1.0900e-003**	**0.0192**	**9.9300e-003**	**1.0000e-003**	**0.0109**	**0.0000**	**3.3467**	**3.3467**	**1.0800e-003**	**0.0000**	**3.3738**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	3.0000e-004	9.0000e-005	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.0997	0.0997	1.0000e-005	0.0000	0.0999
Worker	1.0000e-005	1.0000e-005	7.0000e-005	0.0000	1.1600e-003	0.0000	1.1600e-003	1.2000e-004	0.0000	1.2000e-004	0.0000	0.0239	0.0239	0.0000	0.0000	0.0240
Total	**2.0000e-005**	**3.1000e-004**	**1.6000e-004**	**0.0000**	**1.9500e-003**	**0.0000**	**1.9500e-003**	**2.0000e-004**	**0.0000**	**2.0000e-004**	**0.0000**	**0.1237**	**0.1237**	**1.0000e-005**	**0.0000**	**0.1238**

3.16 Site Preparation - City Park (P2 Village Green) - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.0500e-003	0.0000	7.0500e-003	3.8700e-003	0.0000	3.8700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.0000e-004	0.0122	0.0230	4.0000e-005		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	3.3467	3.3467	1.0800e-003	0.0000	3.3738
Total	**7.0000e-004**	**0.0122**	**0.0230**	**4.0000e-005**	**7.0500e-003**	**6.0000e-005**	**7.1100e-003**	**3.8700e-003**	**6.0000e-005**	**3.9300e-003**	**0.0000**	**3.3467**	**3.3467**	**1.0800e-003**	**0.0000**	**3.3738**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	3.0000e-004	9.0000e-005	0.0000	3.5000e-004	0.0000	3.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0997	0.0997	1.0000e-005	0.0000	0.0999
Worker	1.0000e-005	1.0000e-005	7.0000e-005	0.0000	5.2000e-004	0.0000	5.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0239	0.0239	0.0000	0.0000	0.0240
Total	**2.0000e-005**	**3.1000e-004**	**1.6000e-004**	**0.0000**	**8.7000e-004**	**0.0000**	**8.7000e-004**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**0.1237**	**0.1237**	**1.0000e-005**	**0.0000**	**0.1238**

3.17 Grading -City Park (P2 Village Green) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.0200e-003	0.0000	6.0200e-003	3.3100e-003	0.0000	3.3100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9000e-003	0.0279	0.0263	6.0000e-005		1.1300e-003	1.1300e-003		1.0400e-003	1.0400e-003	0.0000	5.4506	5.4506	1.7600e-003	0.0000	5.4947
Total	**2.9000e-003**	**0.0279**	**0.0263**	**6.0000e-005**	**6.0200e-003**	**1.1300e-003**	**7.1500e-003**	**3.3100e-003**	**1.0400e-003**	**4.3500e-003**	**0.0000**	**5.4506**	**5.4506**	**1.7600e-003**	**0.0000**	**5.4947**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	3.0000e-004	9.0000e-005	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.0997	0.0997	1.0000e-005	0.0000	0.0999
Worker	2.0000e-005	1.0000e-005	1.1000e-004	0.0000	1.7500e-003	0.0000	1.7500e-003	1.8000e-004	0.0000	1.8000e-004	0.0000	0.0359	0.0359	0.0000	0.0000	0.0359
Total	**3.0000e-005**	**3.1000e-004**	**2.0000e-004**	**0.0000**	**2.5400e-003**	**0.0000**	**2.5400e-003**	**2.6000e-004**	**0.0000**	**2.6000e-004**	**0.0000**	**0.1356**	**0.1356**	**1.0000e-005**	**0.0000**	**0.1358**

3.17 Grading -City Park (P2 Village Green) - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.3500e-003	0.0000	2.3500e-003	1.2900e-003	0.0000	1.2900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0100e-003	0.0193	0.0367	6.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	5.4506	5.4506	1.7600e-003	0.0000	5.4947
Total	**1.0100e-003**	**0.0193**	**0.0367**	**6.0000e-005**	**2.3500e-003**	**1.0000e-004**	**2.4500e-003**	**1.2900e-003**	**1.0000e-004**	**1.3900e-003**	**0.0000**	**5.4506**	**5.4506**	**1.7600e-003**	**0.0000**	**5.4947**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	3.0000e-004	9.0000e-005	0.0000	3.5000e-004	0.0000	3.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0997	0.0997	1.0000e-005	0.0000	0.0999
Worker	2.0000e-005	1.0000e-005	1.1000e-004	0.0000	7.8000e-004	0.0000	7.8000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.0359	0.0359	0.0000	0.0000	0.0359
Total	**3.0000e-005**	**3.1000e-004**	**2.0000e-004**	**0.0000**	**1.1300e-003**	**0.0000**	**1.1300e-003**	**1.3000e-004**	**0.0000**	**1.3000e-004**	**0.0000**	**0.1356**	**0.1356**	**1.0000e-005**	**0.0000**	**0.1358**

3.18 Building Construction -City Park (P2 Village Green) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0195	0.1819	0.2799	4.5000e-004		7.7400e-003	7.7400e-003		7.4400e-003	7.4400e-003	0.0000	38.9796	38.9796	5.8900e-003	0.0000	39.1268
Total	**0.0195**	**0.1819**	**0.2799**	**4.5000e-004**		**7.7400e-003**	**7.7400e-003**		**7.4400e-003**	**7.4400e-003**	**0.0000**	**38.9796**	**38.9796**	**5.8900e-003**	**0.0000**	**39.1268**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.4000e-004	0.0123	3.7200e-003	4.0000e-005	0.0329	1.0000e-005	0.0329	3.4800e-003	1.0000e-005	3.5000e-003	0.0000	4.1386	4.1386	2.8000e-004	0.0000	4.1456
Worker	4.7000e-004	2.9000e-004	3.1100e-003	1.0000e-005	0.0483	1.0000e-005	0.0483	5.0400e-003	1.0000e-005	5.0400e-003	0.0000	0.9932	0.9932	2.0000e-005	0.0000	0.9938
Total	**8.1000e-004**	**0.0126**	**6.8300e-003**	**5.0000e-005**	**0.0811**	**2.0000e-005**	**0.0812**	**8.5200e-003**	**2.0000e-005**	**8.5400e-003**	**0.0000**	**5.1318**	**5.1318**	**3.0000e-004**	**0.0000**	**5.1394**

3.18 Building Construction -City Park (P2 Village Green) - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.9700e-003	0.1744	0.3016	4.5000e-004		6.5000e-004	6.5000e-004		6.5000e-004	6.5000e-004	0.0000	38.9795	38.9795	5.8900e-003	0.0000	39.1267
Total	**8.9700e-003**	**0.1744**	**0.3016**	**4.5000e-004**		**6.5000e-004**	**6.5000e-004**		**6.5000e-004**	**6.5000e-004**	**0.0000**	**38.9795**	**38.9795**	**5.8900e-003**	**0.0000**	**39.1267**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.4000e-004	0.0123	3.7200e-003	4.0000e-005	0.0147	1.0000e-005	0.0147	1.6700e-003	1.0000e-005	1.6800e-003	0.0000	4.1386	4.1386	2.8000e-004	0.0000	4.1456
Worker	4.7000e-004	2.9000e-004	3.1100e-003	1.0000e-005	0.0214	1.0000e-005	0.0215	2.3500e-003	1.0000e-005	2.3600e-003	0.0000	0.9932	0.9932	2.0000e-005	0.0000	0.9938
Total	**8.1000e-004**	**0.0126**	**6.8300e-003**	**5.0000e-005**	**0.0361**	**2.0000e-005**	**0.0362**	**4.0200e-003**	**2.0000e-005**	**4.0400e-003**	**0.0000**	**5.1318**	**5.1318**	**3.0000e-004**	**0.0000**	**5.1394**

3.19 Site Preparation - User Defined (Retail Commercial Mix) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.0200e-003	0.0000	6.0200e-003	3.3100e-003	0.0000	3.3100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4700e-003	0.0252	0.0179	4.0000e-005		1.0900e-003	1.0900e-003		1.0000e-003	1.0000e-003	0.0000	3.3467	3.3467	1.0800e-003	0.0000	3.3738
Total	**2.4700e-003**	**0.0252**	**0.0179**	**4.0000e-005**	**6.0200e-003**	**1.0900e-003**	**7.1100e-003**	**3.3100e-003**	**1.0000e-003**	**4.3100e-003**	**0.0000**	**3.3467**	**3.3467**	**1.0800e-003**	**0.0000**	**3.3738**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	3.0000e-004	9.0000e-005	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.0997	0.0997	1.0000e-005	0.0000	0.0999
Worker	1.0000e-005	1.0000e-005	7.0000e-005	0.0000	1.1600e-003	0.0000	1.1600e-003	1.2000e-004	0.0000	1.2000e-004	0.0000	0.0239	0.0239	0.0000	0.0000	0.0240
Total	**2.0000e-005**	**3.1000e-004**	**1.6000e-004**	**0.0000**	**1.9500e-003**	**0.0000**	**1.9500e-003**	**2.0000e-004**	**0.0000**	**2.0000e-004**	**0.0000**	**0.1237**	**0.1237**	**1.0000e-005**	**0.0000**	**0.1238**

3.19 Site Preparation - User Defined (Retail Commercial Mix) - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.3500e-003	0.0000	2.3500e-003	1.2900e-003	0.0000	1.2900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.0000e-004	0.0122	0.0230	4.0000e-005		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	3.3467	3.3467	1.0800e-003	0.0000	3.3738
Total	**7.0000e-004**	**0.0122**	**0.0230**	**4.0000e-005**	**2.3500e-003**	**6.0000e-005**	**2.4100e-003**	**1.2900e-003**	**6.0000e-005**	**1.3500e-003**	**0.0000**	**3.3467**	**3.3467**	**1.0800e-003**	**0.0000**	**3.3738**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	3.0000e-004	9.0000e-005	0.0000	3.5000e-004	0.0000	3.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0997	0.0997	1.0000e-005	0.0000	0.0999
Worker	1.0000e-005	1.0000e-005	7.0000e-005	0.0000	5.2000e-004	0.0000	5.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0239	0.0239	0.0000	0.0000	0.0240
Total	**2.0000e-005**	**3.1000e-004**	**1.6000e-004**	**0.0000**	**8.7000e-004**	**0.0000**	**8.7000e-004**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**0.1237**	**0.1237**	**1.0000e-005**	**0.0000**	**0.1238**

3.20 Grading - User Defined (Retail Commercial Mix) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0164	0.0000	0.0164	8.4200e-003	0.0000	8.4200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.2500e-003	0.0699	0.0658	1.6000e-004		2.8300e-003	2.8300e-003		2.6000e-003	2.6000e-003	0.0000	13.6266	13.6266	4.4100e-003	0.0000	13.7367
Total	**7.2500e-003**	**0.0699**	**0.0658**	**1.6000e-004**	**0.0164**	**2.8300e-003**	**0.0192**	**8.4200e-003**	**2.6000e-003**	**0.0110**	**0.0000**	**13.6266**	**13.6266**	**4.4100e-003**	**0.0000**	**13.7367**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	7.4000e-004	2.2000e-004	0.0000	1.9800e-003	0.0000	1.9800e-003	2.1000e-004	0.0000	2.1000e-004	0.0000	0.2493	0.2493	2.0000e-005	0.0000	0.2497
Worker	3.0000e-005	2.0000e-005	1.9000e-004	0.0000	2.9100e-003	0.0000	2.9100e-003	3.0000e-004	0.0000	3.0000e-004	0.0000	0.0598	0.0598	0.0000	0.0000	0.0599
Total	**5.0000e-005**	**7.6000e-004**	**4.1000e-004**	**0.0000**	**4.8900e-003**	**0.0000**	**4.8900e-003**	**5.1000e-004**	**0.0000**	**5.1000e-004**	**0.0000**	**0.3091**	**0.3091**	**2.0000e-005**	**0.0000**	**0.3096**

3.20 Grading - User Defined (Retail Commercial Mix) - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.3900e-003	0.0000	6.3900e-003	3.2800e-003	0.0000	3.2800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.5300e-003	0.0482	0.0918	1.6000e-004		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004	0.0000	13.6265	13.6265	4.4100e-003	0.0000	13.7367
Total	**2.5300e-003**	**0.0482**	**0.0918**	**1.6000e-004**	**6.3900e-003**	**2.5000e-004**	**6.6400e-003**	**3.2800e-003**	**2.5000e-004**	**3.5300e-003**	**0.0000**	**13.6265**	**13.6265**	**4.4100e-003**	**0.0000**	**13.7367**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	7.4000e-004	2.2000e-004	0.0000	8.9000e-004	0.0000	8.9000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.2493	0.2493	2.0000e-005	0.0000	0.2497
Worker	3.0000e-005	2.0000e-005	1.9000e-004	0.0000	1.2900e-003	0.0000	1.2900e-003	1.4000e-004	0.0000	1.4000e-004	0.0000	0.0598	0.0598	0.0000	0.0000	0.0599
Total	**5.0000e-005**	**7.6000e-004**	**4.1000e-004**	**0.0000**	**2.1800e-003**	**0.0000**	**2.1800e-003**	**2.4000e-004**	**0.0000**	**2.4000e-004**	**0.0000**	**0.3091**	**0.3091**	**2.0000e-005**	**0.0000**	**0.3096**

3.21 Building Construction - User Defined (Retail Commercial Mix) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0848	0.7731	0.9973	1.6700e-003		0.0327	0.0327		0.0308	0.0308	0.0000	143.7901	143.7901	0.0338	0.0000	144.6351
Total	**0.0848**	**0.7731**	**0.9973**	**1.6700e-003**		**0.0327**	**0.0327**		**0.0308**	**0.0308**	**0.0000**	**143.7901**	**143.7901**	**0.0338**	**0.0000**	**144.6351**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.2000e-004	0.0184	5.5600e-003	6.0000e-005	0.0491	2.0000e-005	0.0491	5.2000e-003	2.0000e-005	5.2200e-003	0.0000	6.1830	6.1830	4.2000e-004	0.0000	6.1934
Worker	1.7600e-003	1.0800e-003	0.0116	4.0000e-005	0.1804	3.0000e-005	0.1804	0.0188	3.0000e-005	0.0188	0.0000	3.7095	3.7095	9.0000e-005	0.0000	3.7117
Total	**2.2800e-003**	**0.0195**	**0.0172**	**1.0000e-004**	**0.2294**	**5.0000e-005**	**0.2295**	**0.0240**	**5.0000e-005**	**0.0241**	**0.0000**	**9.8925**	**9.8925**	**5.1000e-004**	**0.0000**	**9.9051**

3.21 Building Construction - User Defined (Retail Commercial Mix) - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0331	0.6766	1.1082	1.6700e-003		5.2500e-003	5.2500e-003		5.2500e-003	5.2500e-003	0.0000	143.7899	143.7899	0.0338	0.0000	144.6349
Total	**0.0331**	**0.6766**	**1.1082**	**1.6700e-003**		**5.2500e-003**	**5.2500e-003**		**5.2500e-003**	**5.2500e-003**	**0.0000**	**143.7899**	**143.7899**	**0.0338**	**0.0000**	**144.6349**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.2000e-004	0.0184	5.5600e-003	6.0000e-005	0.0220	2.0000e-005	0.0220	2.5000e-003	2.0000e-005	2.5200e-003	0.0000	6.1830	6.1830	4.2000e-004	0.0000	6.1934
Worker	1.7600e-003	1.0800e-003	0.0116	4.0000e-005	0.0801	3.0000e-005	0.0801	8.7900e-003	3.0000e-005	8.8200e-003	0.0000	3.7095	3.7095	9.0000e-005	0.0000	3.7117
Total	**2.2800e-003**	**0.0195**	**0.0172**	**1.0000e-004**	**0.1021**	**5.0000e-005**	**0.1021**	**0.0113**	**5.0000e-005**	**0.0113**	**0.0000**	**9.8925**	**9.8925**	**5.1000e-004**	**0.0000**	**9.9051**

3.22 Architectural Coating -City Park (P2 Village Green) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1792					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.7600e-003	0.0252	0.0398	7.0000e-005		1.1300e-003	1.1300e-003		1.1300e-003	1.1300e-003	0.0000	5.6172	5.6172	3.1000e-004	0.0000	5.6248
Total	**0.1829**	**0.0252**	**0.0398**	**7.0000e-005**		**1.1300e-003**	**1.1300e-003**		**1.1300e-003**	**1.1300e-003**	**0.0000**	**5.6172**	**5.6172**	**3.1000e-004**	**0.0000**	**5.6248**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8000e-004	6.5200e-003	1.9700e-003	2.0000e-005	0.0174	1.0000e-005	0.0174	1.8500e-003	1.0000e-005	1.8500e-003	0.0000	2.1940	2.1940	1.5000e-004	0.0000	2.1977
Worker	1.2000e-004	8.0000e-005	8.2000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2633	0.2633	1.0000e-005	0.0000	0.2634
Total	**3.0000e-004**	**6.6000e-003**	**2.7900e-003**	**2.0000e-005**	**0.0302**	**1.0000e-005**	**0.0302**	**3.1900e-003**	**1.0000e-005**	**3.1900e-003**	**0.0000**	**2.4572**	**2.4572**	**1.6000e-004**	**0.0000**	**2.4611**

3.22 Architectural Coating -City Park (P2 Village Green) - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1792					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2000e-003	0.0233	0.0403	7.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	5.6172	5.6172	3.1000e-004	0.0000	5.6248
Total	**0.1804**	**0.0233**	**0.0403**	**7.0000e-005**		**9.0000e-005**	**9.0000e-005**		**9.0000e-005**	**9.0000e-005**	**0.0000**	**5.6172**	**5.6172**	**3.1000e-004**	**0.0000**	**5.6248**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8000e-004	6.5200e-003	1.9700e-003	2.0000e-005	7.7900e-003	1.0000e-005	7.8000e-003	8.9000e-004	1.0000e-005	8.9000e-004	0.0000	2.1940	2.1940	1.5000e-004	0.0000	2.1977
Worker	1.2000e-004	8.0000e-005	8.2000e-004	0.0000	5.6800e-003	0.0000	5.6900e-003	6.2000e-004	0.0000	6.3000e-004	0.0000	0.2633	0.2633	1.0000e-005	0.0000	0.2634
Total	**3.0000e-004**	**6.6000e-003**	**2.7900e-003**	**2.0000e-005**	**0.0135**	**1.0000e-005**	**0.0135**	**1.5100e-003**	**1.0000e-005**	**1.5200e-003**	**0.0000**	**2.4572**	**2.4572**	**1.6000e-004**	**0.0000**	**2.4611**

3.23 Site Preparation - City Park (P1 Village Green) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0181	0.0000	0.0181	9.9300e-003	0.0000	9.9300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4700e-003	0.0252	0.0179	4.0000e-005		1.0900e-003	1.0900e-003		1.0000e-003	1.0000e-003	0.0000	3.3467	3.3467	1.0800e-003	0.0000	3.3738
Total	**2.4700e-003**	**0.0252**	**0.0179**	**4.0000e-005**	**0.0181**	**1.0900e-003**	**0.0192**	**9.9300e-003**	**1.0000e-003**	**0.0109**	**0.0000**	**3.3467**	**3.3467**	**1.0800e-003**	**0.0000**	**3.3738**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	3.0000e-004	9.0000e-005	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.0997	0.0997	1.0000e-005	0.0000	0.0999
Worker	2.0000e-005	1.0000e-005	1.5000e-004	0.0000	2.3300e-003	0.0000	2.3300e-003	2.4000e-004	0.0000	2.4000e-004	0.0000	0.0479	0.0479	0.0000	0.0000	0.0479
Total	**3.0000e-005**	**3.1000e-004**	**2.4000e-004**	**0.0000**	**3.1200e-003**	**0.0000**	**3.1200e-003**	**3.2000e-004**	**0.0000**	**3.2000e-004**	**0.0000**	**0.1476**	**0.1476**	**1.0000e-005**	**0.0000**	**0.1478**

3.23 Site Preparation - City Park (P1 Village Green) - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.0500e-003	0.0000	7.0500e-003	3.8700e-003	0.0000	3.8700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.0000e-004	0.0122	0.0230	4.0000e-005		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	3.3467	3.3467	1.0800e-003	0.0000	3.3738
Total	**7.0000e-004**	**0.0122**	**0.0230**	**4.0000e-005**	**7.0500e-003**	**6.0000e-005**	**7.1100e-003**	**3.8700e-003**	**6.0000e-005**	**3.9300e-003**	**0.0000**	**3.3467**	**3.3467**	**1.0800e-003**	**0.0000**	**3.3738**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	3.0000e-004	9.0000e-005	0.0000	3.5000e-004	0.0000	3.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0997	0.0997	1.0000e-005	0.0000	0.0999
Worker	2.0000e-005	1.0000e-005	1.5000e-004	0.0000	1.0300e-003	0.0000	1.0300e-003	1.1000e-004	0.0000	1.1000e-004	0.0000	0.0479	0.0479	0.0000	0.0000	0.0479
Total	**3.0000e-005**	**3.1000e-004**	**2.4000e-004**	**0.0000**	**1.3800e-003**	**0.0000**	**1.3800e-003**	**1.5000e-004**	**0.0000**	**1.5000e-004**	**0.0000**	**0.1476**	**0.1476**	**1.0000e-005**	**0.0000**	**0.1478**

3.24 Site Preparation - City Park (Private Park Central) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0181	0.0000	0.0181	9.9300e-003	0.0000	9.9300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4700e-003	0.0252	0.0179	4.0000e-005		1.0900e-003	1.0900e-003		1.0000e-003	1.0000e-003	0.0000	3.3467	3.3467	1.0800e-003	0.0000	3.3738
Total	**2.4700e-003**	**0.0252**	**0.0179**	**4.0000e-005**	**0.0181**	**1.0900e-003**	**0.0192**	**9.9300e-003**	**1.0000e-003**	**0.0109**	**0.0000**	**3.3467**	**3.3467**	**1.0800e-003**	**0.0000**	**3.3738**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	3.0000e-004	9.0000e-005	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.0997	0.0997	1.0000e-005	0.0000	0.0999
Worker	3.0000e-005	2.0000e-005	1.9000e-004	0.0000	2.9100e-003	0.0000	2.9100e-003	3.0000e-004	0.0000	3.0000e-004	0.0000	0.0598	0.0598	0.0000	0.0000	0.0599
Total	**4.0000e-005**	**3.2000e-004**	**2.8000e-004**	**0.0000**	**3.7000e-003**	**0.0000**	**3.7000e-003**	**3.8000e-004**	**0.0000**	**3.8000e-004**	**0.0000**	**0.1596**	**0.1596**	**1.0000e-005**	**0.0000**	**0.1598**

3.24 Site Preparation - City Park (Private Park Central) - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.0500e-003	0.0000	7.0500e-003	3.8700e-003	0.0000	3.8700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.0000e-004	0.0122	0.0230	4.0000e-005		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	3.3467	3.3467	1.0800e-003	0.0000	3.3738
Total	**7.0000e-004**	**0.0122**	**0.0230**	**4.0000e-005**	**7.0500e-003**	**6.0000e-005**	**7.1100e-003**	**3.8700e-003**	**6.0000e-005**	**3.9300e-003**	**0.0000**	**3.3467**	**3.3467**	**1.0800e-003**	**0.0000**	**3.3738**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	3.0000e-004	9.0000e-005	0.0000	3.5000e-004	0.0000	3.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0997	0.0997	1.0000e-005	0.0000	0.0999
Worker	3.0000e-005	2.0000e-005	1.9000e-004	0.0000	1.2900e-003	0.0000	1.2900e-003	1.4000e-004	0.0000	1.4000e-004	0.0000	0.0598	0.0598	0.0000	0.0000	0.0599
Total	**4.0000e-005**	**3.2000e-004**	**2.8000e-004**	**0.0000**	**1.6400e-003**	**0.0000**	**1.6400e-003**	**1.8000e-004**	**0.0000**	**1.8000e-004**	**0.0000**	**0.1596**	**0.1596**	**1.0000e-005**	**0.0000**	**0.1598**

3.25 Grading- City Park (P1 Village Green) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.2800e-003	0.0000	3.2800e-003	1.6800e-003	0.0000	1.6800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.4500e-003	0.0140	0.0132	3.0000e-005		5.7000e-004	5.7000e-004		5.2000e-004	5.2000e-004	0.0000	2.7253	2.7253	8.8000e-004	0.0000	2.7474
Total	**1.4500e-003**	**0.0140**	**0.0132**	**3.0000e-005**	**3.2800e-003**	**5.7000e-004**	**3.8500e-003**	**1.6800e-003**	**5.2000e-004**	**2.2000e-003**	**0.0000**	**2.7253**	**2.7253**	**8.8000e-004**	**0.0000**	**2.7474**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.5000e-004	4.0000e-005	0.0000	4.0000e-004	0.0000	4.0000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0499	0.0499	0.0000	0.0000	0.0500
Worker	1.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.4500e-003	0.0000	1.4500e-003	1.5000e-004	0.0000	1.5000e-004	0.0000	0.0299	0.0299	0.0000	0.0000	0.0299
Total	**1.0000e-005**	**1.6000e-004**	**1.3000e-004**	**0.0000**	**1.8500e-003**	**0.0000**	**1.8500e-003**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**0.0798**	**0.0798**	**0.0000**	**0.0000**	**0.0799**

3.25 Grading- City Park (P1 Village Green) - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.2800e-003	0.0000	1.2800e-003	6.6000e-004	0.0000	6.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.1000e-004	9.6400e-003	0.0184	3.0000e-005		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	2.7253	2.7253	8.8000e-004	0.0000	2.7473
Total	**5.1000e-004**	**9.6400e-003**	**0.0184**	**3.0000e-005**	**1.2800e-003**	**5.0000e-005**	**1.3300e-003**	**6.6000e-004**	**5.0000e-005**	**7.1000e-004**	**0.0000**	**2.7253**	**2.7253**	**8.8000e-004**	**0.0000**	**2.7473**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.5000e-004	4.0000e-005	0.0000	1.8000e-004	0.0000	1.8000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0499	0.0499	0.0000	0.0000	0.0500
Worker	1.0000e-005	1.0000e-005	9.0000e-005	0.0000	6.5000e-004	0.0000	6.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.0299	0.0299	0.0000	0.0000	0.0299
Total	**1.0000e-005**	**1.6000e-004**	**1.3000e-004**	**0.0000**	**8.3000e-004**	**0.0000**	**8.3000e-004**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**0.0000**	**0.0798**	**0.0798**	**0.0000**	**0.0000**	**0.0799**

3.26 Grading - City Park (Private Park Central) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.2800e-003	0.0000	3.2800e-003	1.6800e-003	0.0000	1.6800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.4500e-003	0.0140	0.0132	3.0000e-005		5.7000e-004	5.7000e-004		5.2000e-004	5.2000e-004	0.0000	2.7253	2.7253	8.8000e-004	0.0000	2.7474
Total	**1.4500e-003**	**0.0140**	**0.0132**	**3.0000e-005**	**3.2800e-003**	**5.7000e-004**	**3.8500e-003**	**1.6800e-003**	**5.2000e-004**	**2.2000e-003**	**0.0000**	**2.7253**	**2.7253**	**8.8000e-004**	**0.0000**	**2.7474**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.5000e-004	4.0000e-005	0.0000	4.0000e-004	0.0000	4.0000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0499	0.0499	0.0000	0.0000	0.0500
Worker	1.0000e-005	1.0000e-005	7.0000e-005	0.0000	1.1600e-003	0.0000	1.1600e-003	1.2000e-004	0.0000	1.2000e-004	0.0000	0.0239	0.0239	0.0000	0.0000	0.0240
Total	**1.0000e-005**	**1.6000e-004**	**1.1000e-004**	**0.0000**	**1.5600e-003**	**0.0000**	**1.5600e-003**	**1.6000e-004**	**0.0000**	**1.6000e-004**	**0.0000**	**0.0738**	**0.0738**	**0.0000**	**0.0000**	**0.0739**

3.26 Grading - City Park (Private Park Central) - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.2800e-003	0.0000	1.2800e-003	6.6000e-004	0.0000	6.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.1000e-004	9.6400e-003	0.0184	3.0000e-005		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	2.7253	2.7253	8.8000e-004	0.0000	2.7473
Total	**5.1000e-004**	**9.6400e-003**	**0.0184**	**3.0000e-005**	**1.2800e-003**	**5.0000e-005**	**1.3300e-003**	**6.6000e-004**	**5.0000e-005**	**7.1000e-004**	**0.0000**	**2.7253**	**2.7253**	**8.8000e-004**	**0.0000**	**2.7473**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.5000e-004	4.0000e-005	0.0000	1.8000e-004	0.0000	1.8000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0499	0.0499	0.0000	0.0000	0.0500
Worker	1.0000e-005	1.0000e-005	7.0000e-005	0.0000	5.2000e-004	0.0000	5.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0239	0.0239	0.0000	0.0000	0.0240
Total	**1.0000e-005**	**1.6000e-004**	**1.1000e-004**	**0.0000**	**7.0000e-004**	**0.0000**	**7.0000e-004**	**8.0000e-005**	**0.0000**	**8.0000e-005**	**0.0000**	**0.0738**	**0.0738**	**0.0000**	**0.0000**	**0.0739**

3.27 Landscaping - City Park (P1 Village Green) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1626	0.0000	0.1626	0.0894	0.0000	0.0894	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0700e-003	0.0143	0.0248	4.0000e-005		4.3000e-004	4.3000e-004		4.0000e-004	4.0000e-004	0.0000	3.2736	3.2736	1.0600e-003	0.0000	3.3001
Total	**1.0700e-003**	**0.0143**	**0.0248**	**4.0000e-005**	**0.1626**	**4.3000e-004**	**0.1630**	**0.0894**	**4.0000e-004**	**0.0898**	**0.0000**	**3.2736**	**3.2736**	**1.0600e-003**	**0.0000**	**3.3001**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0000e-005	2.6700e-003	8.1000e-004	1.0000e-005	7.1200e-003	0.0000	7.1300e-003	7.6000e-004	0.0000	7.6000e-004	0.0000	0.8975	0.8975	6.0000e-005	0.0000	0.8990
Worker	1.0000e-004	6.0000e-005	6.7000e-004	0.0000	0.0105	0.0000	0.0105	1.0900e-003	0.0000	1.0900e-003	0.0000	0.2154	0.2154	1.0000e-005	0.0000	0.2155
Total	**1.7000e-004**	**2.7300e-003**	**1.4800e-003**	**1.0000e-005**	**0.0176**	**0.0000**	**0.0176**	**1.8500e-003**	**0.0000**	**1.8500e-003**	**0.0000**	**1.1129**	**1.1129**	**7.0000e-005**	**0.0000**	**1.1146**

3.27 Landscaping - City Park (P1 Village Green) - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0634	0.0000	0.0634	0.0349	0.0000	0.0349	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.2000e-004	0.0209	0.0283	4.0000e-005		8.6000e-004	8.6000e-004		8.6000e-004	8.6000e-004	0.0000	3.2736	3.2736	1.0600e-003	0.0000	3.3001
Total	**9.2000e-004**	**0.0209**	**0.0283**	**4.0000e-005**	**0.0634**	**8.6000e-004**	**0.0643**	**0.0349**	**8.6000e-004**	**0.0357**	**0.0000**	**3.2736**	**3.2736**	**1.0600e-003**	**0.0000**	**3.3001**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0000e-005	2.6700e-003	8.1000e-004	1.0000e-005	3.1900e-003	0.0000	3.1900e-003	3.6000e-004	0.0000	3.7000e-004	0.0000	0.8975	0.8975	6.0000e-005	0.0000	0.8990
Worker	1.0000e-004	6.0000e-005	6.7000e-004	0.0000	4.6500e-003	0.0000	4.6500e-003	5.1000e-004	0.0000	5.1000e-004	0.0000	0.2154	0.2154	1.0000e-005	0.0000	0.2155
Total	**1.7000e-004**	**2.7300e-003**	**1.4800e-003**	**1.0000e-005**	**7.8400e-003**	**0.0000**	**7.8400e-003**	**8.7000e-004**	**0.0000**	**8.8000e-004**	**0.0000**	**1.1129**	**1.1129**	**7.0000e-005**	**0.0000**	**1.1146**

3.28 Landscaping - City Park (Private Park Central) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.1900e-003	0.0158	0.0276	4.0000e-005		4.8000e-004	4.8000e-004		4.4000e-004	4.4000e-004	0.0000	3.6374	3.6374	1.1800e-003	0.0000	3.6668
Total	**1.1900e-003**	**0.0158**	**0.0276**	**4.0000e-005**		**4.8000e-004**	**4.8000e-004**		**4.4000e-004**	**4.4000e-004**	**0.0000**	**3.6374**	**3.6374**	**1.1800e-003**	**0.0000**	**3.6668**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	2.9600e-003	9.0000e-004	1.0000e-005	7.9100e-003	0.0000	7.9200e-003	8.4000e-004	0.0000	8.4000e-004	0.0000	0.9973	0.9973	7.0000e-005	0.0000	0.9989
Worker	1.1000e-004	7.0000e-005	7.5000e-004	0.0000	0.0116	0.0000	0.0116	1.2100e-003	0.0000	1.2200e-003	0.0000	0.2393	0.2393	1.0000e-005	0.0000	0.2395
Total	**1.9000e-004**	**3.0300e-003**	**1.6500e-003**	**1.0000e-005**	**0.0196**	**0.0000**	**0.0196**	**2.0500e-003**	**0.0000**	**2.0600e-003**	**0.0000**	**1.2366**	**1.2366**	**8.0000e-005**	**0.0000**	**1.2384**

3.28 Landscaping - City Park (Private Park Central) - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.0200e-003	0.0232	0.0314	4.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004	0.0000	3.6374	3.6374	1.1800e-003	0.0000	3.6668
Total	**1.0200e-003**	**0.0232**	**0.0314**	**4.0000e-005**		**9.5000e-004**	**9.5000e-004**		**9.5000e-004**	**9.5000e-004**	**0.0000**	**3.6374**	**3.6374**	**1.1800e-003**	**0.0000**	**3.6668**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	2.9600e-003	9.0000e-004	1.0000e-005	3.5400e-003	0.0000	3.5400e-003	4.0000e-004	0.0000	4.1000e-004	0.0000	0.9973	0.9973	7.0000e-005	0.0000	0.9989
Worker	1.1000e-004	7.0000e-005	7.5000e-004	0.0000	5.1700e-003	0.0000	5.1700e-003	5.7000e-004	0.0000	5.7000e-004	0.0000	0.2393	0.2393	1.0000e-005	0.0000	0.2395
Total	**1.9000e-004**	**3.0300e-003**	**1.6500e-003**	**1.0000e-005**	**8.7100e-003**	**0.0000**	**8.7100e-003**	**9.7000e-004**	**0.0000**	**9.8000e-004**	**0.0000**	**1.2366**	**1.2366**	**8.0000e-005**	**0.0000**	**1.2384**

3.29 Architectural Coating - User Defined (Retail Commercial Mix) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1658					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8800e-003	0.0126	0.0199	3.0000e-005		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	2.8086	2.8086	1.5000e-004	0.0000	2.8124
Total	**0.1677**	**0.0126**	**0.0199**	**3.0000e-005**		**5.7000e-004**	**5.7000e-004**		**5.7000e-004**	**5.7000e-004**	**0.0000**	**2.8086**	**2.8086**	**1.5000e-004**	**0.0000**	**2.8124**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	3.2600e-003	9.9000e-004	1.0000e-005	8.7100e-003	0.0000	8.7100e-003	9.2000e-004	0.0000	9.3000e-004	0.0000	1.0970	1.0970	7.0000e-005	0.0000	1.0988
Worker	6.0000e-005	4.0000e-005	4.1000e-004	0.0000	6.4000e-003	0.0000	6.4000e-003	6.7000e-004	0.0000	6.7000e-004	0.0000	0.1316	0.1316	0.0000	0.0000	0.1317
Total	**1.5000e-004**	**3.3000e-003**	**1.4000e-003**	**1.0000e-005**	**0.0151**	**0.0000**	**0.0151**	**1.5900e-003**	**0.0000**	**1.6000e-003**	**0.0000**	**1.2286**	**1.2286**	**7.0000e-005**	**0.0000**	**1.2305**

3.29 Architectural Coating - User Defined (Retail Commercial Mix) - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1658					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-004	0.0117	0.0202	3.0000e-005		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.8086	2.8086	1.5000e-004	0.0000	2.8124
Total	**0.1664**	**0.0117**	**0.0202**	**3.0000e-005**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**2.8086**	**2.8086**	**1.5000e-004**	**0.0000**	**2.8124**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	3.2600e-003	9.9000e-004	1.0000e-005	3.9000e-003	0.0000	3.9000e-003	4.4000e-004	0.0000	4.5000e-004	0.0000	1.0970	1.0970	7.0000e-005	0.0000	1.0988
Worker	6.0000e-005	4.0000e-005	4.1000e-004	0.0000	2.8400e-003	0.0000	2.8400e-003	3.1000e-004	0.0000	3.1000e-004	0.0000	0.1316	0.1316	0.0000	0.0000	0.1317
Total	**1.5000e-004**	**3.3000e-003**	**1.4000e-003**	**1.0000e-005**	**6.7400e-003**	**0.0000**	**6.7400e-003**	**7.5000e-004**	**0.0000**	**7.6000e-004**	**0.0000**	**1.2286**	**1.2286**	**7.0000e-005**	**0.0000**	**1.2305**

3.30 Site Preparation - User Defined (Fire Station) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0361	0.0000	0.0361	0.0199	0.0000	0.0199	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.9500e-003	0.0505	0.0358	8.0000e-005		2.1700e-003	2.1700e-003		2.0000e-003	2.0000e-003	0.0000	6.6934	6.6934	2.1600e-003	0.0000	6.7475
Total	**4.9500e-003**	**0.0505**	**0.0358**	**8.0000e-005**	**0.0361**	**2.1700e-003**	**0.0383**	**0.0199**	**2.0000e-003**	**0.0219**	**0.0000**	**6.6934**	**6.6934**	**2.1600e-003**	**0.0000**	**6.7475**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	5.9000e-004	1.8000e-004	0.0000	1.5800e-003	0.0000	1.5800e-003	1.7000e-004	0.0000	1.7000e-004	0.0000	0.1995	0.1995	1.0000e-005	0.0000	0.1998
Worker	2.0000e-005	1.0000e-005	1.5000e-004	0.0000	2.3300e-003	0.0000	2.3300e-003	2.4000e-004	0.0000	2.4000e-004	0.0000	0.0479	0.0479	0.0000	0.0000	0.0479
Total	**4.0000e-005**	**6.0000e-004**	**3.3000e-004**	**0.0000**	**3.9100e-003**	**0.0000**	**3.9100e-003**	**4.1000e-004**	**0.0000**	**4.1000e-004**	**0.0000**	**0.2473**	**0.2473**	**1.0000e-005**	**0.0000**	**0.2477**

3.30 Site Preparation - User Defined (Fire Station) - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0141	0.0000	0.0141	7.7500e-003	0.0000	7.7500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3900e-003	0.0243	0.0459	8.0000e-005		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	6.6934	6.6934	2.1600e-003	0.0000	6.7475
Total	**1.3900e-003**	**0.0243**	**0.0459**	**8.0000e-005**	**0.0141**	**1.2000e-004**	**0.0142**	**7.7500e-003**	**1.2000e-004**	**7.8700e-003**	**0.0000**	**6.6934**	**6.6934**	**2.1600e-003**	**0.0000**	**6.7475**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	5.9000e-004	1.8000e-004	0.0000	7.1000e-004	0.0000	7.1000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.1995	0.1995	1.0000e-005	0.0000	0.1998
Worker	2.0000e-005	1.0000e-005	1.5000e-004	0.0000	1.0300e-003	0.0000	1.0300e-003	1.1000e-004	0.0000	1.1000e-004	0.0000	0.0479	0.0479	0.0000	0.0000	0.0479
Total	**4.0000e-005**	**6.0000e-004**	**3.3000e-004**	**0.0000**	**1.7400e-003**	**0.0000**	**1.7400e-003**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**0.2473**	**0.2473**	**1.0000e-005**	**0.0000**	**0.2477**

3.31 Grading - User Defined (Fire Station) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0229	0.0000	0.0229	0.0118	0.0000	0.0118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0102	0.0978	0.0922	2.2000e-004		3.9600e-003	3.9600e-003		3.6400e-003	3.6400e-003	0.0000	19.0772	19.0772	6.1700e-003	0.0000	19.2314
Total	**0.0102**	**0.0978**	**0.0922**	**2.2000e-004**	**0.0229**	**3.9600e-003**	**0.0269**	**0.0118**	**3.6400e-003**	**0.0154**	**0.0000**	**19.0772**	**19.0772**	**6.1700e-003**	**0.0000**	**19.2314**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	1.0400e-003	3.1000e-004	0.0000	2.7700e-003	0.0000	2.7700e-003	2.9000e-004	0.0000	2.9000e-004	0.0000	0.3490	0.3490	2.0000e-005	0.0000	0.3496
Worker	6.0000e-005	4.0000e-005	3.9000e-004	0.0000	6.1100e-003	0.0000	6.1100e-003	6.4000e-004	0.0000	6.4000e-004	0.0000	0.1256	0.1256	0.0000	0.0000	0.1257
Total	**9.0000e-005**	**1.0800e-003**	**7.0000e-004**	**0.0000**	**8.8800e-003**	**0.0000**	**8.8800e-003**	**9.3000e-004**	**0.0000**	**9.3000e-004**	**0.0000**	**0.4747**	**0.4747**	**2.0000e-005**	**0.0000**	**0.4754**

3.31 Grading - User Defined (Fire Station) - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					8.9400e-003	0.0000	8.9400e-003	4.6000e-003	0.0000	4.6000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.5400e-003	0.0675	0.1285	2.2000e-004		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004	0.0000	19.0772	19.0772	6.1700e-003	0.0000	19.2314
Total	**3.5400e-003**	**0.0675**	**0.1285**	**2.2000e-004**	**8.9400e-003**	**3.6000e-004**	**9.3000e-003**	**4.6000e-003**	**3.6000e-004**	**4.9600e-003**	**0.0000**	**19.0772**	**19.0772**	**6.1700e-003**	**0.0000**	**19.2314**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	1.0400e-003	3.1000e-004	0.0000	1.2400e-003	0.0000	1.2400e-003	1.4000e-004	0.0000	1.4000e-004	0.0000	0.3490	0.3490	2.0000e-005	0.0000	0.3496
Worker	6.0000e-005	4.0000e-005	3.9000e-004	0.0000	2.7100e-003	0.0000	2.7100e-003	3.0000e-004	0.0000	3.0000e-004	0.0000	0.1256	0.1256	0.0000	0.0000	0.1257
Total	**9.0000e-005**	**1.0800e-003**	**7.0000e-004**	**0.0000**	**3.9500e-003**	**0.0000**	**3.9500e-003**	**4.4000e-004**	**0.0000**	**4.4000e-004**	**0.0000**	**0.4747**	**0.4747**	**2.0000e-005**	**0.0000**	**0.4754**

3.32 Building Construction - User Defined (Fire Station) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.1995	0.2574	4.3000e-004		8.4400e-003	8.4400e-003		7.9400e-003	7.9400e-003	0.0000	37.1071	37.1071	8.7200e-003	0.0000	37.3252
Total	**0.0219**	**0.1995**	**0.2574**	**4.3000e-004**		**8.4400e-003**	**8.4400e-003**		**7.9400e-003**	**7.9400e-003**	**0.0000**	**37.1071**	**37.1071**	**8.7200e-003**	**0.0000**	**37.3252**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	4.7400e-003	1.4300e-003	2.0000e-005	0.0127	1.0000e-005	0.0127	1.3400e-003	1.0000e-005	1.3500e-003	0.0000	1.5956	1.5956	1.1000e-004	0.0000	1.5983
Worker	4.5000e-004	2.8000e-004	3.0000e-003	1.0000e-005	0.0466	1.0000e-005	0.0466	4.8500e-003	1.0000e-005	4.8600e-003	0.0000	0.9573	0.9573	2.0000e-005	0.0000	0.9579
Total	**5.8000e-004**	**5.0200e-003**	**4.4300e-003**	**3.0000e-005**	**0.0592**	**2.0000e-005**	**0.0592**	**6.1900e-003**	**2.0000e-005**	**6.2100e-003**	**0.0000**	**2.5529**	**2.5529**	**1.3000e-004**	**0.0000**	**2.5562**

3.32 Building Construction - User Defined (Fire Station) - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.5400e-003	0.1746	0.2860	4.3000e-004		1.3500e-003	1.3500e-003		1.3500e-003	1.3500e-003	0.0000	37.1071	37.1071	8.7200e-003	0.0000	37.3251
Total	**8.5400e-003**	**0.1746**	**0.2860**	**4.3000e-004**		**1.3500e-003**	**1.3500e-003**		**1.3500e-003**	**1.3500e-003**	**0.0000**	**37.1071**	**37.1071**	**8.7200e-003**	**0.0000**	**37.3251**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	4.7400e-003	1.4300e-003	2.0000e-005	5.6700e-003	1.0000e-005	5.6700e-003	6.4000e-004	1.0000e-005	6.5000e-004	0.0000	1.5956	1.5956	1.1000e-004	0.0000	1.5983
Worker	4.5000e-004	2.8000e-004	3.0000e-003	1.0000e-005	0.0207	1.0000e-005	0.0207	2.2700e-003	1.0000e-005	2.2800e-003	0.0000	0.9573	0.9573	2.0000e-005	0.0000	0.9579
Total	**5.8000e-004**	**5.0200e-003**	**4.4300e-003**	**3.0000e-005**	**0.0263**	**2.0000e-005**	**0.0264**	**2.9100e-003**	**2.0000e-005**	**2.9300e-003**	**0.0000**	**2.5529**	**2.5529**	**1.3000e-004**	**0.0000**	**2.5562**

3.32 Building Construction - User Defined (Fire Station) - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1046	0.9539	1.2305	2.0600e-003		0.0404	0.0404		0.0380	0.0380	0.0000	177.4184	177.4184	0.0417	0.0000	178.4610
Total	**0.1046**	**0.9539**	**1.2305**	**2.0600e-003**		**0.0404**	**0.0404**		**0.0380**	**0.0380**	**0.0000**	**177.4184**	**177.4184**	**0.0417**	**0.0000**	**178.4610**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2000e-004	0.0223	6.7600e-003	8.0000e-005	0.0606	3.0000e-005	0.0606	6.4200e-003	2.0000e-005	6.4500e-003	0.0000	7.5854	7.5854	5.1000e-004	0.0000	7.5981
Worker	2.0800e-003	1.2400e-003	0.0135	5.0000e-005	0.2226	4.0000e-005	0.2226	0.0232	4.0000e-005	0.0233	0.0000	4.4094	4.4094	1.0000e-004	0.0000	4.4120
Total	**2.7000e-003**	**0.0236**	**0.0202**	**1.3000e-004**	**0.2831**	**7.0000e-005**	**0.2832**	**0.0296**	**6.0000e-005**	**0.0297**	**0.0000**	**11.9948**	**11.9948**	**6.1000e-004**	**0.0000**	**12.0100**

3.32 Building Construction - User Defined (Fire Station) - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0408	0.8348	1.3673	2.0600e-003		6.4700e-003	6.4700e-003		6.4700e-003	6.4700e-003	0.0000	177.4182	177.4182	0.0417	0.0000	178.4608
Total	**0.0408**	**0.8348**	**1.3673**	**2.0600e-003**		**6.4700e-003**	**6.4700e-003**		**6.4700e-003**	**6.4700e-003**	**0.0000**	**177.4182**	**177.4182**	**0.0417**	**0.0000**	**178.4608**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2000e-004	0.0223	6.7600e-003	8.0000e-005	0.0271	3.0000e-005	0.0271	3.0800e-003	2.0000e-005	3.1000e-003	0.0000	7.5854	7.5854	5.1000e-004	0.0000	7.5981
Worker	2.0800e-003	1.2400e-003	0.0135	5.0000e-005	0.0988	4.0000e-005	0.0989	0.0109	4.0000e-005	0.0109	0.0000	4.4094	4.4094	1.0000e-004	0.0000	4.4120
Total	**2.7000e-003**	**0.0236**	**0.0202**	**1.3000e-004**	**0.1259**	**7.0000e-005**	**0.1260**	**0.0139**	**6.0000e-005**	**0.0140**	**0.0000**	**11.9948**	**11.9948**	**6.1000e-004**	**0.0000**	**12.0100**

3.33 Paving - User Defined (Retail Commercial Mix) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.2900e-003	0.0215	0.0364	6.0000e-005		1.0500e-003	1.0500e-003		9.6000e-004	9.6000e-004	0.0000	5.0048	5.0048	1.6200e-003	0.0000	5.0453
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.2900e-003**	**0.0215**	**0.0364**	**6.0000e-005**		**1.0500e-003**	**1.0500e-003**		**9.6000e-004**	**9.6000e-004**	**0.0000**	**5.0048**	**5.0048**	**1.6200e-003**	**0.0000**	**5.0453**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.8500e-003	5.6000e-004	1.0000e-005	4.9500e-003	0.0000	4.9500e-003	5.2000e-004	0.0000	5.3000e-004	0.0000	0.6233	0.6233	4.0000e-005	0.0000	0.6243
Worker	6.0000e-005	3.0000e-005	3.7000e-004	0.0000	5.8200e-003	0.0000	5.8200e-003	6.1000e-004	0.0000	6.1000e-004	0.0000	0.1197	0.1197	0.0000	0.0000	0.1197
Total	**1.1000e-004**	**1.8800e-003**	**9.3000e-004**	**1.0000e-005**	**0.0108**	**0.0000**	**0.0108**	**1.1300e-003**	**0.0000**	**1.1400e-003**	**0.0000**	**0.7430**	**0.7430**	**4.0000e-005**	**0.0000**	**0.7441**

3.33 Paving - User Defined (Retail Commercial Mix) - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.4000e-004	0.0251	0.0432	6.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	5.0048	5.0048	1.6200e-003	0.0000	5.0453
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.4000e-004**	**0.0251**	**0.0432**	**6.0000e-005**		**9.0000e-005**	**9.0000e-005**		**9.0000e-005**	**9.0000e-005**	**0.0000**	**5.0048**	**5.0048**	**1.6200e-003**	**0.0000**	**5.0453**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.8500e-003	5.6000e-004	1.0000e-005	2.2100e-003	0.0000	2.2200e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.6233	0.6233	4.0000e-005	0.0000	0.6243
Worker	6.0000e-005	3.0000e-005	3.7000e-004	0.0000	2.5800e-003	0.0000	2.5800e-003	2.8000e-004	0.0000	2.8000e-004	0.0000	0.1197	0.1197	0.0000	0.0000	0.1197
Total	**1.1000e-004**	**1.8800e-003**	**9.3000e-004**	**1.0000e-005**	**4.7900e-003**	**0.0000**	**4.8000e-003**	**5.3000e-004**	**0.0000**	**5.3000e-004**	**0.0000**	**0.7430**	**0.7430**	**4.0000e-005**	**0.0000**	**0.7441**

3.34 Architectural Coating - User Defined (Fire Station) - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1232					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8400e-003	0.0258	0.0407	7.0000e-005		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	5.7448	5.7448	3.1000e-004	0.0000	5.7527
Total	**0.1270**	**0.0258**	**0.0407**	**7.0000e-005**		**1.1600e-003**	**1.1600e-003**		**1.1600e-003**	**1.1600e-003**	**0.0000**	**5.7448**	**5.7448**	**3.1000e-004**	**0.0000**	**5.7527**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8000e-004	6.5700e-003	1.9900e-003	2.0000e-005	0.0178	1.0000e-005	0.0178	1.8900e-003	1.0000e-005	1.9000e-003	0.0000	2.2310	2.2310	1.5000e-004	0.0000	2.2347
Worker	1.2000e-004	7.0000e-005	7.9000e-004	0.0000	0.0131	0.0000	0.0131	1.3700e-003	0.0000	1.3700e-003	0.0000	0.2594	0.2594	1.0000e-005	0.0000	0.2595
Total	**3.0000e-004**	**6.6400e-003**	**2.7800e-003**	**2.0000e-005**	**0.0309**	**1.0000e-005**	**0.0309**	**3.2600e-003**	**1.0000e-005**	**3.2700e-003**	**0.0000**	**2.4904**	**2.4904**	**1.6000e-004**	**0.0000**	**2.4943**

3.34 Architectural Coating - User Defined (Fire Station) - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1232					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2300e-003	0.0239	0.0412	7.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	5.7448	5.7448	3.1000e-004	0.0000	5.7527
Total	**0.1244**	**0.0239**	**0.0412**	**7.0000e-005**		**9.0000e-005**	**9.0000e-005**		**9.0000e-005**	**9.0000e-005**	**0.0000**	**5.7448**	**5.7448**	**3.1000e-004**	**0.0000**	**5.7527**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8000e-004	6.5700e-003	1.9900e-003	2.0000e-005	7.9700e-003	1.0000e-005	7.9800e-003	9.1000e-004	1.0000e-005	9.1000e-004	0.0000	2.2310	2.2310	1.5000e-004	0.0000	2.2347
Worker	1.2000e-004	7.0000e-005	7.9000e-004	0.0000	5.8100e-003	0.0000	5.8200e-003	6.4000e-004	0.0000	6.4000e-004	0.0000	0.2594	0.2594	1.0000e-005	0.0000	0.2595
Total	**3.0000e-004**	**6.6400e-003**	**2.7800e-003**	**2.0000e-005**	**0.0138**	**1.0000e-005**	**0.0138**	**1.5500e-003**	**1.0000e-005**	**1.5500e-003**	**0.0000**	**2.4904**	**2.4904**	**1.6000e-004**	**0.0000**	**2.4943**

3.35 Landscaping - User Defined (Fire Station) - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2078	0.0000	0.2078	0.1142	0.0000	0.1142	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3600e-003	0.0182	0.0317	5.0000e-005		5.5000e-004	5.5000e-004		5.1000e-004	5.1000e-004	0.0000	4.1830	4.1830	1.3500e-003	0.0000	4.2168
Total	**1.3600e-003**	**0.0182**	**0.0317**	**5.0000e-005**	**0.2078**	**5.5000e-004**	**0.2083**	**0.1142**	**5.1000e-004**	**0.1147**	**0.0000**	**4.1830**	**4.1830**	**1.3500e-003**	**0.0000**	**4.2168**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	3.3600e-003	1.0200e-003	1.0000e-005	9.1000e-003	0.0000	9.1100e-003	9.7000e-004	0.0000	9.7000e-004	0.0000	1.1403	1.1403	8.0000e-005	0.0000	1.1422
Worker	1.2000e-004	7.0000e-005	8.1000e-004	0.0000	0.0134	0.0000	0.0134	1.4000e-003	0.0000	1.4000e-003	0.0000	0.2651	0.2651	1.0000e-005	0.0000	0.2653
Total	**2.1000e-004**	**3.4300e-003**	**1.8300e-003**	**1.0000e-005**	**0.0225**	**0.0000**	**0.0225**	**2.3700e-003**	**0.0000**	**2.3700e-003**	**0.0000**	**1.4054**	**1.4054**	**9.0000e-005**	**0.0000**	**1.4075**

3.35 Landscaping - User Defined (Fire Station) - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0810	0.0000	0.0810	0.0445	0.0000	0.0445	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.1700e-003	0.0267	0.0361	5.0000e-005		1.0900e-003	1.0900e-003		1.0900e-003	1.0900e-003	0.0000	4.1830	4.1830	1.3500e-003	0.0000	4.2168
Total	**1.1700e-003**	**0.0267**	**0.0361**	**5.0000e-005**	**0.0810**	**1.0900e-003**	**0.0821**	**0.0445**	**1.0900e-003**	**0.0456**	**0.0000**	**4.1830**	**4.1830**	**1.3500e-003**	**0.0000**	**4.2168**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	3.3600e-003	1.0200e-003	1.0000e-005	4.0700e-003	0.0000	4.0800e-003	4.6000e-004	0.0000	4.7000e-004	0.0000	1.1403	1.1403	8.0000e-005	0.0000	1.1422
Worker	1.2000e-004	7.0000e-005	8.1000e-004	0.0000	5.9400e-003	0.0000	5.9400e-003	6.5000e-004	0.0000	6.5000e-004	0.0000	0.2651	0.2651	1.0000e-005	0.0000	0.2653
Total	**2.1000e-004**	**3.4300e-003**	**1.8300e-003**	**1.0000e-005**	**0.0100**	**0.0000**	**0.0100**	**1.1100e-003**	**0.0000**	**1.1200e-003**	**0.0000**	**1.4054**	**1.4054**	**9.0000e-005**	**0.0000**	**1.4075**

3.36 Paving - User Defined (Fire Station) - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.2900e-003	0.0215	0.0364	6.0000e-005		1.0500e-003	1.0500e-003		9.6000e-004	9.6000e-004	0.0000	5.0048	5.0048	1.6200e-003	0.0000	5.0453
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.2900e-003**	**0.0215**	**0.0364**	**6.0000e-005**		**1.0500e-003**	**1.0500e-003**		**9.6000e-004**	**9.6000e-004**	**0.0000**	**5.0048**	**5.0048**	**1.6200e-003**	**0.0000**	**5.0453**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.8300e-003	5.5000e-004	1.0000e-005	4.9500e-003	0.0000	4.9500e-003	5.2000e-004	0.0000	5.3000e-004	0.0000	0.6197	0.6197	4.0000e-005	0.0000	0.6208
Worker	7.0000e-005	4.0000e-005	4.4000e-004	0.0000	7.2700e-003	0.0000	7.2700e-003	7.6000e-004	0.0000	7.6000e-004	0.0000	0.1441	0.1441	0.0000	0.0000	0.1442
Total	**1.2000e-004**	**1.8700e-003**	**9.9000e-004**	**1.0000e-005**	**0.0122**	**0.0000**	**0.0122**	**1.2800e-003**	**0.0000**	**1.2900e-003**	**0.0000**	**0.7638**	**0.7638**	**4.0000e-005**	**0.0000**	**0.7649**

3.36 Paving - User Defined (Fire Station) - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.4000e-004	0.0251	0.0432	6.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	5.0048	5.0048	1.6200e-003	0.0000	5.0453
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**8.4000e-004**	**0.0251**	**0.0432**	**6.0000e-005**		**9.0000e-005**	**9.0000e-005**		**9.0000e-005**	**9.0000e-005**	**0.0000**	**5.0048**	**5.0048**	**1.6200e-003**	**0.0000**	**5.0453**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.8300e-003	5.5000e-004	1.0000e-005	2.2100e-003	0.0000	2.2200e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.6197	0.6197	4.0000e-005	0.0000	0.6208
Worker	7.0000e-005	4.0000e-005	4.4000e-004	0.0000	3.2300e-003	0.0000	3.2300e-003	3.5000e-004	0.0000	3.6000e-004	0.0000	0.1441	0.1441	0.0000	0.0000	0.1442
Total	**1.2000e-004**	**1.8700e-003**	**9.9000e-004**	**1.0000e-005**	**5.4400e-003**	**0.0000**	**5.4500e-003**	**6.0000e-004**	**0.0000**	**6.1000e-004**	**0.0000**	**0.7638**	**0.7638**	**4.0000e-005**	**0.0000**	**0.7649**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.3912	1.6645	4.0425	0.0109	0.8283	0.0135	0.8417	0.2218	0.0127	0.2345	0.0000	997.7148	997.7148	0.0622	0.0000	999.2699
Unmitigated	0.3912	1.6645	4.0425	0.0109	0.8283	0.0135	0.8417	0.2218	0.0127	0.2345	0.0000	997.7148	997.7148	0.0622	0.0000	999.2699

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	76.00	76.00	76.00	162,249	162,249
Industrial Park	15.98	15.98	15.98	41,897	41,897
Recreational Swimming Pool	36.00	36.00	36.00	65,062	65,062
Regional Shopping Center	1,100.00	1,100.00	1100.00	1,928,635	1,928,635
Total	1,227.98	1,227.98	1,227.98	2,197,843	2,197,843

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Industrial Park	9.50	7.30	7.30	59.00	28.00	13.00	79	19	2
Recreational Swimming Pool	9.50	7.30	7.30	33.00	48.00	19.00	52	39	9
Regional Shopping Center	9.50	7.30	7.30	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Industrial Park	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
City Park	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Recreational Swimming Pool	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Regional Shopping Center	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	51.7276	51.7276	3.4000e-003	7.0000e-004	52.0223
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	51.7276	51.7276	3.4000e-003	7.0000e-004	52.0223
NaturalGas Mitigated	1.1400e-003	0.0104	8.7000e-003	6.0000e-005		7.9000e-004	7.9000e-004		7.9000e-004	7.9000e-004	0.0000	11.2702	11.2702	2.2000e-004	2.1000e-004	11.3371
NaturalGas Unmitigated	1.1400e-003	0.0104	8.7000e-003	6.0000e-005		7.9000e-004	7.9000e-004		7.9000e-004	7.9000e-004	0.0000	11.2702	11.2702	2.2000e-004	2.1000e-004	11.3371

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Industrial Park	172295	9.3000e-004	8.4500e-003	7.0900e-003	5.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	9.1943	9.1943	1.8000e-004	1.7000e-004	9.2490
Recreational Swimming Pool	16500	9.0000e-005	8.1000e-004	6.8000e-004	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.8805	0.8805	2.0000e-005	2.0000e-005	0.8857
Regional Shopping Center	22400	1.2000e-004	1.1000e-003	9.2000e-004	1.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	1.1954	1.1954	2.0000e-005	2.0000e-005	1.2025
Total		**1.1400e-003**	**0.0104**	**8.6900e-003**	**6.0000e-005**		**7.8000e-004**	**7.8000e-004**		**7.8000e-004**	**7.8000e-004**	**0.0000**	**11.2702**	**11.2702**	**2.2000e-004**	**2.1000e-004**	**11.3371**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Industrial Park	172295	9.3000e-004	8.4500e-003	7.0900e-003	5.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	9.1943	9.1943	1.8000e-004	1.7000e-004	9.2490
Recreational Swimming Pool	16500	9.0000e-005	8.1000e-004	6.8000e-004	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.8805	0.8805	2.0000e-005	2.0000e-005	0.8857
Regional Shopping Center	22400	1.2000e-004	1.1000e-003	9.2000e-004	1.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	1.1954	1.1954	2.0000e-005	2.0000e-005	1.2025
Total		**1.1400e-003**	**0.0104**	**8.6900e-003**	**6.0000e-005**		**7.8000e-004**	**7.8000e-004**		**7.8000e-004**	**7.8000e-004**	**0.0000**	**11.2702**	**11.2702**	**2.2000e-004**	**2.1000e-004**	**11.3371**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Industrial Park	116960	23.4013	1.5400e-003	3.2000e-004	23.5346
Recreational Swimming Pool	12675	2.5360	1.7000e-004	3.0000e-005	2.5505
Regional Shopping Center	128900	25.7903	1.7000e-003	3.5000e-004	25.9372
Total		**51.7276**	**3.4100e-003**	**7.0000e-004**	**52.0223**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Industrial Park	116960	23.4013	1.5400e-003	3.2000e-004	23.5346
Recreational Swimming Pool	12675	2.5360	1.7000e-004	3.0000e-005	2.5505
Regional Shopping Center	128900	25.7903	1.7000e-003	3.5000e-004	25.9372
Total		**51.7276**	**3.4100e-003**	**7.0000e-004**	**52.0223**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0852	0.0000	3.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.3000e-004	6.3000e-004	0.0000	0.0000	6.7000e-004
Unmitigated	0.0777	0.0000	3.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.3000e-004	6.3000e-004	0.0000	0.0000	6.7000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	5.3600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0723					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0000e-005	0.0000	3.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.3000e-004	6.3000e-004	0.0000	0.0000	6.7000e-004
Total	**0.0777**	**0.0000**	**3.2000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**6.3000e-004**	**6.3000e-004**	**0.0000**	**0.0000**	**6.7000e-004**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0129					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0723					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0000e-005	0.0000	3.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.3000e-004	6.3000e-004	0.0000	0.0000	6.7000e-004
Total	**0.0852**	**0.0000**	**3.2000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**6.3000e-004**	**6.3000e-004**	**0.0000**	**0.0000**	**6.7000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	49.5562	0.0943	2.8100e-003	52.7512
Unmitigated	49.5562	0.0943	2.8100e-003	52.7512

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 18.1105	40.2576	2.6500e-003	5.5000e-004	40.4869
Industrial Park	1.96563 / 0	5.7445	0.0644	1.5800e-003	7.8256
Recreational Swimming Pool	0.0887147 / 0.0543735	0.3801	2.9100e-003	7.0000e-005	0.4748
Regional Shopping Center	0.740725 / 0.453993	3.1739	0.0243	6.1000e-004	3.9639
Total		**49.5562**	**0.0943**	**2.8100e-003**	**52.7512**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 18.1105	40.2576	2.6500e-003	5.5000e-004	40.4869
Industrial Park	1.96563 / 0	5.7445	0.0644	1.5800e-003	7.8256
Recreational Swimming Pool	0.0887147 / 0.0543735	0.3801	2.9100e-003	7.0000e-005	0.4748
Regional Shopping Center	0.740725 / 0.453993	3.1739	0.0243	6.1000e-004	3.9639
Total		**49.5562**	**0.0943**	**2.8100e-003**	**52.7512**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1.5681	0.0927	0.0000	3.8849
Unmitigated	6.2724	0.3707	0.0000	15.5397

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	1.31	0.2659	0.0157	0.0000	0.6588
Industrial Park	10.54	2.1395	0.1264	0.0000	5.3006
Recreational Swimming Pool	8.55	1.7356	0.1026	0.0000	4.2998
Regional Shopping Center	10.5	2.1314	0.1260	0.0000	5.2805
Total		**6.2724**	**0.3707**	**0.0000**	**15.5397**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.3275	0.0665	3.9300e-003	0.0000	0.1647
Industrial Park	2.635	0.5349	0.0316	0.0000	1.3252
Recreational Swimming Pool	2.1375	0.4339	0.0256	0.0000	1.0750
Regional Shopping Center	2.625	0.5329	0.0315	0.0000	1.3201
Total		**1.5681**	**0.0927**	**0.0000**	**3.8849**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Proctor Valley EIR - Central Village Non-Residential

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 - City Park (P3 Scenic)	0.01	0.10	-0.01	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - User Defined (Fire Station)	0.02	0.06	-0.01	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - Recreational Swimming Pool	0.00	0.15	-0.01	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - User Defined (Retail Commercial Mix)	0.01	0.06	-0.01	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating -City Park (P2 Village Green)	0.01	0.06	-0.01	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - City Park (P3 Scenic)	0.66	0.00	0.01	0.00	0.66	0.64	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - User Defined (Fire Station)	0.59	0.12	-0.11	0.00	0.84	0.83	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - User Defined (Retail Commercial Mix)	0.59	0.12	-0.11	0.00	0.84	0.83	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction -City Park (P2 Village Green)	0.52	0.04	-0.08	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction- Recreational Swimming Pool	0.64	0.24	-0.10	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00
Grading - City Park (P3 Scenic)	0.68	0.40	-0.32	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Grading - City Park (P4 Scenic)	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 - City Park (Private Park Central)	0.64	0.31	-0.39	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
Grading - User Defined (Fire Station)	0.65	0.31	-0.39	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
Grading - User Defined (Retail Commercial Mix)	0.65	0.31	-0.39	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
Grading- City Park (P1 Village Green)	0.64	0.31	-0.39	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00

Grading -City Park (P2 Village Green)	0.65	0.31	-0.39	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
Grading- Recreational Swimming Pool	0.69	0.44	-0.31	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping - City Park (P1 Village Green)	0.12	-0.39	-0.13	0.00	-1.00	-1.15	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping - City Park (P4 Scenic)	0.16	-0.34	-0.13	0.00	-0.79	-0.94	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping - City Park (Private Park Central)	0.12	-0.39	-0.13	0.00	-0.98	-1.16	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping - User Defined (Fire Station)	0.12	-0.39	-0.13	0.00	-0.98	-1.14	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping- Recreational Swimming Pool	0.19	-0.29	-0.12	0.00	-0.64	-0.75	0.00	0.00	0.00	0.00	0.00	0.00
Paving - City Park (P3 Scenic)	0.63	-0.05	-0.18	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Paving - User Defined (Fire Station)	0.60	-0.16	-0.18	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
Paving - User Defined (Retail Commercial Mix)	0.60	-0.16	-0.18	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
Paving -City Park (P2 Village Green)	0.61	-0.16	-0.18	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation - City Park (P1 Village Green)	0.71	0.51	-0.28	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation - City Park (P2 Village Green)	0.71	0.51	-0.28	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation - City Park (P3 Scenic)	0.73	0.55	-0.25	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation - City Park (P4 Scenic)	0.73	0.55	-0.25	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation - City Park (Private Park Central)	0.71	0.51	-0.28	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation - Recreational Swimming Pool	0.73	0.55	-0.26	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation - User Defined (Fire Station)	0.71	0.51	-0.28	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation - User Defined (Retail Commercial Mix)	0.71	0.51	-0.28	0.00	0.94	0.94	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	5	5	No Change	0.00
Concrete/Industrial Saws	Diesel	Tier 4 Interim	2	2	No Change	0.00
Cranes	Diesel	Tier 4 Interim	7	7	No Change	0.00
Excavators	Diesel	Tier 4 Interim	13	13	No Change	0.00
Forklifts	Diesel	Tier 4 Interim	12	12	No Change	0.00
Generator Sets	Diesel	Tier 4 Interim	7	7	No Change	0.00
Graders	Diesel	Tier 4 Interim	13	13	No Change	0.00
Pavers	Diesel	Tier 4 Interim	10	10	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	10	10	No Change	0.00
Rollers	Diesel	Tier 4 Interim	10	10	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Interim	40	40	No Change	0.00
Scrapers	Diesel	Tier 4 Interim	17	17	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	12	12	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	67	67	No Change	0.00
Welders	Diesel	Tier 4 Interim	7	7	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	1.76700E-002	1.19010E-001	1.80070E-001	3.00000E-004	5.75000E-003	5.75000E-003	0.00000E+000	2.54049E+001	2.54049E+001	1.42000E-003	0.00000E+000	2.54405E+001
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
Cranes	5.48900E-002	5.65150E-001	3.00560E-001	9.90000E-004	2.39200E-002	2.20100E-002	0.00000E+000	8.67214E+001	8.67214E+001	2.80500E-002	0.00000E+000	8.74226E+001
Excavators	3.78000E-003	2.84000E-002	7.17200E-002	1.10000E-004	1.39000E-003	1.28000E-003	0.00000E+000	9.98495E+000	9.98495E+000	3.23000E-003	0.00000E+000	1.00657E+001
Forklifts	6.04500E-002	5.68510E-001	7.61200E-001	1.02000E-003	3.15700E-002	2.90400E-002	0.00000E+000	8.99752E+001	8.99752E+001	2.91000E-002	0.00000E+000	9.07027E+001
Generator Sets	6.47600E-002	5.80850E-001	8.67710E-001	1.56000E-003	2.39500E-002	2.39500E-002	0.00000E+000	1.33954E+002	1.33954E+002	5.11000E-003	0.00000E+000	1.34082E+002
Graders	3.60000E-003	4.08700E-002	1.77800E-002	7.00000E-005	1.32000E-003	1.21000E-003	0.00000E+000	6.39017E+000	6.39017E+000	2.07000E-003	0.00000E+000	6.44184E+000
Pavers	3.53000E-003	3.24600E-002	5.79000E-002	9.00000E-005	1.52000E-003	1.40000E-003	0.00000E+000	8.25602E+000	8.25602E+000	2.67000E-003	0.00000E+000	8.32278E+000
Paving Equipment	3.03000E-003	2.64500E-002	5.10500E-002	8.00000E-005	1.30000E-003	1.20000E-003	0.00000E+000	7.15505E+000	7.15505E+000	2.31000E-003	0.00000E+000	7.21290E+000
Rollers	2.78000E-003	2.92700E-002	3.69500E-002	5.00000E-005	1.49000E-003	1.37000E-003	0.00000E+000	4.61000E+000	4.61000E+000	1.49000E-003	0.00000E+000	4.64728E+000
Rubber Tired Dozers	2.41200E-002	2.47250E-001	1.10740E-001	3.10000E-004	1.09200E-002	1.00400E-002	0.00000E+000	2.73828E+001	2.73828E+001	8.86000E-003	0.00000E+000	2.76042E+001
Scrapers	1.53900E-002	1.49870E-001	1.22400E-001	3.30000E-004	5.90000E-003	5.43000E-003	0.00000E+000	2.93094E+001	2.93094E+001	9.48000E-003	0.00000E+000	2.95463E+001
Skid Steer Loaders	6.23000E-003	8.30000E-002	1.40920E-001	2.10000E-004	2.61000E-003	2.40000E-003	0.00000E+000	1.85524E+001	1.85524E+001	6.00000E-003	0.00000E+000	1.87024E+001
Tractors/Loaders/ Backhoes	8.75900E-002	8.85460E-001	1.43247E+000	2.00000E-003	3.77800E-002	3.47600E-002	0.00000E+000	1.75928E+002	1.75928E+002	5.69000E-002	0.00000E+000	1.77351E+002
Welders	5.42900E-002	3.23580E-001	3.93850E-001	6.10000E-004	1.05700E-002	1.05700E-002	0.00000E+000	4.47024E+001	4.47024E+001	4.41000E-003	0.00000E+000	4.48127E+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	5.42000E-003	1.05450E-001	1.82320E-001	3.00000E-004	3.90000E-004	3.90000E-004	0.00000E+000	2.54048E+001	2.54048E+001	1.42000E-003	0.00000E+000	2.54405E+001
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
Cranes	1.61700E-002	2.60720E-001	5.25490E-001	9.90000E-004	1.62000E-003	1.62000E-003	0.00000E+000	8.67213E+001	8.67213E+001	2.80500E-002	0.00000E+000	8.74225E+001
Excavators	1.40000E-003	5.00900E-002	8.62000E-002	1.10000E-004	1.90000E-004	1.90000E-004	0.00000E+000	9.98493E+000	9.98493E+000	3.23000E-003	0.00000E+000	1.00657E+001
Forklifts	2.31400E-002	4.50120E-001	7.78250E-001	1.02000E-003	1.68000E-003	1.68000E-003	0.00000E+000	8.99751E+001	8.99751E+001	2.91000E-002	0.00000E+000	9.07026E+001
Generator Sets	2.85800E-002	5.56030E-001	9.61360E-001	1.56000E-003	2.08000E-003	2.08000E-003	0.00000E+000	1.33954E+002	1.33954E+002	5.11000E-003	0.00000E+000	1.34082E+002
Graders	1.19000E-003	1.91900E-002	3.86700E-002	7.00000E-005	1.20000E-004	1.20000E-004	0.00000E+000	6.39017E+000	6.39017E+000	2.07000E-003	0.00000E+000	6.44183E+000
Pavers	1.16000E-003	4.14100E-002	7.12600E-002	9.00000E-005	1.50000E-004	1.50000E-004	0.00000E+000	8.25602E+000	8.25602E+000	2.67000E-003	0.00000E+000	8.32277E+000
Paving Equipment	1.01000E-003	3.60400E-002	6.20200E-002	8.00000E-005	1.30000E-004	1.30000E-004	0.00000E+000	7.15504E+000	7.15504E+000	2.31000E-003	0.00000E+000	7.21289E+000
Rollers	1.18000E-003	2.29500E-002	3.96800E-002	5.00000E-005	9.00000E-005	9.00000E-005	0.00000E+000	4.61000E+000	4.61000E+000	1.49000E-003	0.00000E+000	4.64727E+000
Rubber Tired Dozers	5.09000E-003	8.20500E-002	1.65370E-001	3.10000E-004	5.10000E-004	5.10000E-004	0.00000E+000	2.73827E+001	2.73827E+001	8.86000E-003	0.00000E+000	2.76041E+001
Scrapers	5.47000E-003	8.81700E-002	1.77720E-001	3.30000E-004	5.50000E-004	5.50000E-004	0.00000E+000	2.93093E+001	2.93093E+001	9.48000E-003	0.00000E+000	2.95463E+001
Skid Steer Loaders	5.19000E-003	1.18550E-001	1.60080E-001	2.10000E-004	4.85000E-003	4.85000E-003	0.00000E+000	1.85524E+001	1.85524E+001	6.00000E-003	0.00000E+000	1.87024E+001
Tractors/Loaders/Backhoes	4.47200E-002	8.69990E-001	1.50419E+000	2.00000E-003	3.25000E-003	3.25000E-003	0.00000E+000	1.75928E+002	1.75928E+002	5.69000E-002	0.00000E+000	1.77350E+002
Welders	1.04000E-002	3.94520E-001	3.55500E-001	6.10000E-004	1.11000E-002	1.11000E-002	0.00000E+000	4.47024E+001	4.47024E+001	4.41000E-003	0.00000E+000	4.48126E+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	6.93265E-001	1.13940E-001	-1.24951E-002	0.00000E+000	9.32174E-001	9.32174E-001	0.00000E+000	1.18088E-006	1.18088E-006	0.00000E+000	0.00000E+000	1.17922E-006
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
Cranes	7.05411E-001	5.38671E-001	-7.48370E-001	0.00000E+000	9.32274E-001	9.26397E-001	0.00000E+000	1.15312E-006	1.15312E-006	0.00000E+000	0.00000E+000	1.14387E-006
Excavators	6.29630E-001	-7.63732E-001	-2.01896E-001	0.00000E+000	8.63309E-001	8.51563E-001	0.00000E+000	2.00301E-006	2.00301E-006	0.00000E+000	0.00000E+000	9.93475E-007
Forklifts	6.17204E-001	2.08246E-001	-2.23988E-002	0.00000E+000	9.46785E-001	9.42149E-001	0.00000E+000	1.22256E-006	1.22256E-006	0.00000E+000	0.00000E+000	1.10250E-006
Generator Sets	5.58678E-001	4.27305E-002	-1.07928E-001	0.00000E+000	9.13152E-001	9.13152E-001	0.00000E+000	1.19444E-006	1.19444E-006	0.00000E+000	0.00000E+000	1.19330E-006
Graders	6.69444E-001	5.30462E-001	-1.17492E+000	0.00000E+000	9.09091E-001	9.00826E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.55235E-006
Pavers	6.71388E-001	-2.75724E-001	-2.30743E-001	0.00000E+000	9.01316E-001	8.92857E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.20152E-006
Paving Equipment	6.66667E-001	-3.62571E-001	-2.14887E-001	0.00000E+000	9.00000E-001	8.91667E-001	0.00000E+000	1.39761E-006	1.39761E-006	0.00000E+000	0.00000E+000	1.38640E-006
Rollers	5.75540E-001	2.15921E-001	-7.38836E-002	0.00000E+000	9.39597E-001	9.34307E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	2.15180E-006
Rubber Tired Dozers	7.88972E-001	6.68150E-001	-4.93318E-001	0.00000E+000	9.53297E-001	9.49203E-001	0.00000E+000	1.46077E-006	1.46077E-006	0.00000E+000	0.00000E+000	1.08679E-006
Scrapers	6.44574E-001	4.11690E-001	-4.51961E-001	0.00000E+000	9.06780E-001	8.98711E-001	0.00000E+000	1.36475E-006	1.36475E-006	0.00000E+000	0.00000E+000	1.35381E-006
Skid Steer Loaders	1.66934E-001	-4.28313E-001	-1.35964E-001	0.00000E+000	-8.58238E-001	-1.02083E+000	0.00000E+000	1.61704E-006	1.61704E-006	0.00000E+000	0.00000E+000	1.06938E-006
Tractors/Loaders/Backhoes	4.89439E-001	1.74711E-002	-5.00674E-002	0.00000E+000	9.13976E-001	9.06502E-001	0.00000E+000	1.19367E-006	1.19367E-006	0.00000E+000	0.00000E+000	1.18410E-006
Welders	8.08436E-001	-2.19235E-001	9.73721E-002	0.00000E+000	-5.01419E-002	-5.01419E-002	0.00000E+000	1.11851E-006	1.11851E-006	0.00000E+000	0.00000E+000	1.33891E-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		
No	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating - City Park (P3 Scenic)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - City Park (P3 Scenic)	Roads	0.03	0.00	0.01	0.00	0.55	0.52
Architectural Coating - User Defined (Fire Station)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - User Defined (Fire Station)	Roads	0.03	0.00	0.01	0.00	0.55	0.52
Architectural Coating - Recreational Swimming Pool	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - Recreational Swimming Pool	Roads	0.03	0.00	0.01	0.00	0.55	0.52
Architectural Coating - User Defined (Retail Commercial Mix)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - User Defined (Retail Commercial Mix)	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Architectural Coating -City Park (P2 Village Green)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating -City Park (P2 Village Green)	Roads	0.03	0.00	0.01	0.00	0.55	0.53
Building Construction - City Park (P3 Scenic)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - City Park (P3 Scenic)	Roads	0.08	0.01	0.04	0.00	0.55	0.53
Building Construction - User Defined (Fire Station)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - User Defined (Fire Station)	Roads	0.34	0.04	0.15	0.02	0.56	0.53
Building Construction - User Defined (Retail Commercial Mix)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - User Defined (Retail Commercial Mix)	Roads	0.23	0.02	0.10	0.01	0.56	0.53

Building Construction -City Park (P2 Village Green)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction -City Park (P2 Village Green)	Roads	0.08	0.01	0.04	0.00	0.55	0.53
Building Construction- Recreational Swimming Pool	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction- Recreational Swimming Pool	Roads	0.15	0.02	0.07	0.01	0.56	0.53
Grading - City Park (P3 Scenic)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Grading - City Park (P3 Scenic)	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Grading - City Park (P4 Scenic)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Grading - City Park (P4 Scenic)	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Grading - City Park (Private Park Central)	Fugitive Dust	0.00	0.00	0.00	0.00	0.61	0.61
Grading - City Park (Private Park Central)	Roads	0.00	0.00	0.00	0.00	0.55	0.50
Grading - User Defined (Fire Station)	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Grading - User Defined (Fire Station)	Roads	0.01	0.00	0.00	0.00	0.56	0.53
Grading - User Defined (Retail Commercial Mix)	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Grading - User Defined (Retail Commercial Mix)	Roads	0.00	0.00	0.00	0.00	0.55	0.53
Grading- City Park (P1 Village Green)	Fugitive Dust	0.00	0.00	0.00	0.00	0.61	0.61
Grading- City Park (P1 Village Green)	Roads	0.00	0.00	0.00	0.00	0.55	0.53
Grading -City Park (P2 Village Green)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Grading -City Park (P2 Village Green)	Roads	0.00	0.00	0.00	0.00	0.56	0.50
Grading- Recreational Swimming Pool	Fugitive Dust	0.01	0.01	0.00	0.00	0.61	0.61
Grading- Recreational Swimming Pool	Roads	0.00	0.00	0.00	0.00	0.55	0.52
Landscaping - City Park (P1 Village Green)	Fugitive Dust	0.16	0.09	0.06	0.03	0.61	0.61
Landscaping - City Park (P1 Village Green)	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Landscaping - City Park (P4 Scenic)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00

Landscaping - City Park (P4 Scenic)	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Landscaping - City Park (Private Park Central)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping - City Park (Private Park Central)	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Landscaping - User Defined (Fire Station)	Fugitive Dust	0.21	0.11	0.08	0.04	0.61	0.61
Landscaping - User Defined (Fire Station)	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Landscaping- Recreational Swimming Pool	Fugitive Dust	0.19	0.10	0.07	0.04	0.61	0.61
Landscaping- Recreational Swimming Pool	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Paving - City Park (P3 Scenic)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving - City Park (P3 Scenic)	Roads	0.01	0.00	0.01	0.00	0.55	0.53
Paving - User Defined (Fire Station)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving - User Defined (Fire Station)	Roads	0.01	0.00	0.01	0.00	0.55	0.53
Paving - User Defined (Retail Commercial Mix)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving - User Defined (Retail Commercial Mix)	Roads	0.01	0.00	0.00	0.00	0.56	0.53
Paving -City Park (P2 Village Green)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving -City Park (P2 Village Green)	Roads	0.01	0.00	0.00	0.00	0.55	0.53
Site Preparation - City Park (P1 Village Green)	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Site Preparation - City Park (P1 Village Green)	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Site Preparation - City Park (P2 Village Green)	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Site Preparation - City Park (P2 Village Green)	Roads	0.00	0.00	0.00	0.00	0.55	0.50
Site Preparation - City Park (P3 Scenic)	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Site Preparation - City Park (P3 Scenic)	Roads	0.00	0.00	0.00	0.00	0.55	0.50
Site Preparation - City Park (P4 Scenic)	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Site Preparation - City Park (P4 Scenic)	Roads	0.00	0.00	0.00	0.00	0.56	0.53

Site Preparation - City Park (Private Park Central)	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Site Preparation - City Park (Private Park Central)	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Site Preparation - Recreational Swimming Pool	Fugitive Dust	0.00	0.00	0.00	0.00	0.61	0.61
Site Preparation - Recreational Swimming Pool	Roads	0.00	0.00	0.00	0.00	0.55	0.50
Site Preparation - User Defined (Fire Station)	Fugitive Dust	0.04	0.02	0.01	0.01	0.61	0.61
Site Preparation - User Defined (Fire Station)	Roads	0.00	0.00	0.00	0.00	0.55	0.54
Site Preparation - User Defined (Retail Commercial Mix)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Site Preparation - User Defined (Retail Commercial Mix)	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	-139.93	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: Low Density Suburban

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	0.28	0.61		
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"	3.00			
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	5.00			
	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
Yes	Use Low VOC Paint (Non-residential Interior)	150.00
Yes	Use Low VOC Paint (Non-residential Exterior)	150.00
Yes	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	0.00

No	% Electric Leafblower	0.00
No	% Electric Chainsaw	0.00

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	0.00	0.00
No	Use Grey Water	0.00	
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	0.00	
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape	0.00	0.00

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services Percent Reduction in Waste Disposed	75.00

CalEEMod Input Sheet
Project Characteristics

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	Proctor Valley EIR - Central Village Non-Residential	--	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-Apr-23	Central Village Schedule	Proctor Valley EIR Assumptions
Operational Year	2027	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)	441.1	Adjusted for RPS	
CH4 Intensity Factor (lb./Mwh)	default		
N20 Intensity Factor (lb./Mwh)	default		

CalEEMod Input Sheet
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**
Site Preparation - Recreational Swimming	Site Preparation	1-Apr-23	3-Apr-23	5	1
Grading- Recreational Swimming Pool	Grading	4-Apr-23	6-Apr-23	5	3
Building Construction- Recreational Swimming	Building Construction	7-Apr-23	31-Jul-23	5	82
Architectural Coating - Recreational Swimming	Architectural Coating	1-Jun-23	31-Jul-23	5	43
Landscaping- Recreational Swimming Pool	Site Preparation	1-Jul-23	31-Jul-23	5	21
Paving - City Park (P3 Scenic)	Paving	24-Apr-24	30-Apr-24	5	5
Site Preparation - City Park (P3 Scenic)	Site Preparation	1-May-24	2-May-24	5	2
Grading - City Park (P3 Scenic)	Grading	3-May-24	7-May-24	5	3
Building Construction - City Park (P3 Scenic)	Building Construction	8-May-24	2-Sep-24	5	84
Architectural Coating - City Park (P3 Scenic)	Architectural Coating	1-Jul-24	31-Aug-24	5	45
Site Preparation - City Park (P4 Scenic)	Site Preparation	1-Aug-24	2-Aug-24	5	2
Grading - City Park (P4 Scenic)	Grading	3-Aug-24	3-Aug-24	5	0
Landscaping - City Park (P4 Scenic)	Building Construction	4-Aug-24	30-Aug-24	5	20
Paving -City Park (P2 Village Green)	Paving	24-Apr-25	30-Apr-25	5	5
Site Preparation - City Park (P2 Village Green)	Site Preparation	1-May-25	2-May-25	5	2
Grading -City Park (P2 Village Green)	Grading	3-May-25	6-May-25	5	2
Building Construction -City Park (P2 Village Green)	Building Construction	7-May-25	29-Aug-25	5	83

CalEEMod Input Sheet
Construction Phase

Site Preparation - User Defined (Retail Commercial	Site Preparation	1-Jun-25	3-Jun-25	5	2
Grading - User Defined (Retail Commercial Mix)	Grading	4-Jun-25	10-Jun-25	5	5
Building Construction - User Defined (Retail Commercial	Building Construction	11-Jun-25	1-Dec-25	5	124
Architectural Coating -City Park (P2 Village Green)	Architectural Coating	1-Jul-25	31-Aug-25	5	44
Site Preparation - City Park (P1 Village Green)	Site Preparation	1-Aug-25	4-Aug-25	5	2
Site Preparation - City Park (Private Park Central)	Site Preparation	1-Aug-25	4-Aug-25	5	2
Grading- City Park (P1 Village Green)	Grading	5-Aug-25	5-Aug-25	5	1
Grading - City Park (Private Park Central)	Grading	5-Aug-25	5-Aug-25	5	1
Landscaping - City Park (P1 Village Green)	Site Preparation	6-Aug-25	31-Aug-25	5	18
Landscaping - City Park (Private Park Central)	Building Construction	6-Aug-25	2-Sep-25	5	20
Architectural Coating - User Defined (Retail Commercial	Architectural Coating	1-Sep-25	30-Sep-25	5	22
Site Preparation - User Defined (Fire Station)	Site Preparation	1-Nov-25	6-Nov-25	5	4
Grading - User Defined (Fire Station)	Grading	7-Nov-25	17-Nov-25	5	7
Building Construction - User Defined (Fire Station)	Building Construction	18-Nov-25	3-Aug-26	5	185
Paving - User Defined (Retail Commercial Mix)	Paving	22-Nov-25	30-Nov-25	5	5

CalEEMod Input Sheet
Construction Phase

Architectural Coating - User Defined (Fire Station)	Architectural Coating	1-Jun-26	31-Jul-26	5	45
Landscaping - User Defined (Fire Station)	Site Preparation	1-Jul-26	31-Jul-26	5	23
Paving - User Defined (Fire Station)	Paving	25-Jul-26	31-Jul-26	5	5

CalEEMod Input Sheet
Construction Phase

Table 6: Off-Road Equipment					
Phase Name	**Equipment**	**Unit Amount**	**Hours/Day**	**Horsepower (hp)**	**Load Factor**
Site Preparation - City Park (P1 Village Green)	default				
Grading- City Park (P1 Village Green)					
Landscaping - City Park (P1 Village Green)	Skidsteer	2	default		
Site Preparation - City Park (P2 Village Green)	default				
Grading -City Park (P2 Village Green)					
Building Construction -City Park (P2 Village Green)	Forklift	1	default		
	Tractor/Loader/Backhoe	1			
	Welder	1			
Paving - City Park (P2 Village Green)	default				
Architectural Coating -City Park (P2 Village Green)					
Site Preparation - City Park (P3 Scenic)					
Grading - City Park (P3 Scenic)					
Building Construction - City Park (P3 Scenic)	Forklift	1	default		
	Tractor/Loader/Backhoe	1			
	Welder	1			
Paving - City Park (P3 Scenic)	default				
Architectural Coating - City Park (P3 Scenic)					
Site Preparation - City Park (P4 Scenic)					
Grading - City Park (P4 Scenic)					

CalEEMod Input Sheet
Construction Phase

Landscaping - City Park (P4 Scenic)	Skidsteer	2	default
Site Preparation - User Defined (Fire Station)	default		
Grading - User Defined (Fire Station)			
Building Construction - User Defined (Fire Station)			
Paving - User Defined (Fire Station)			
Architectural Coating - User Defined (Fire Station)			
Landscaping - User Defined (Fire Station)	Skidsteer	2	default
Site Preparation - User Defined (Retail Commercial Mix)	default		
Grading - User Defined (Retail Commercial Mix)			
Building Construction - User Defined (Retail Commercial Mix)			
Paving - User Defined (Retail Commercial Mix)			
Architectural Coating - User Defined (Retail Commercial Mix)			
Site Preparation - Recreational Swimming Pool			
Grading- Recreational Swimming Pool			

CalEEMod Input Sheet
Construction Phase

Building Construction- Recreational Swimming Pool			
Architectural Coating - Recreational Swimming Pool			
Landscaping- Recreational Swimming Pool	Skidsteer	2	default
Site Preparation - City Park (Private Park Central)	default		
Grading - City Park (Private Park Central)			
Landscaping - City Park (Private Park Central)	Skidsteer	2	default

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 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									

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)
--								

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)
Architectural Coating -City Park (P2 Village Green)	N/A	N/A	N/A	N/A	50	630	100	210	100	292,963
Architectural Coating - City Park (P3 Scenic)	N/A	N/A	N/A	N/A	50	630	100	210	100	159,259
Architectural Coating - User Defined (Fire Station)	N/A	N/A	N/A	N/A	50	12,750	100	4,250	100	66,688
Architectural Coating - User Defined (Retail Commercial Mix)	N/A	N/A	N/A	N/A	50	15,000	100	5,000	100	59,052
Architectural Coating - Recreational Swimming Pool	N/A	N/A	N/A	N/A	50	2,250	100	750	100	51,272

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 Equipment's Mitigated**	**Total Number of Off-road Equipment's**	**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)	
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)	default
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	
Clean Paved Road	
% PM Reduction	--

CalEEMod Version: CalEEMod.2016.3.1 Date: 8/16/2017 3:54 PM

Proctor Valley EIR -North Village Residential (P1-4)

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	110.00	Dwelling Unit	53.40	493,570.00	303

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2026
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	454.71	**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 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Construction Phase - Refer to CalEEMod Input Matrix Table 5

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

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

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

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

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

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

Vehicle Trips - Operational Emissions Modeled Separately

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Woodstoves - Operational Emissions Modeled Separately

Area Coating - Operational Emissions Modeled Separately

Energy Use - Operational Emissions Modeled Separately

Construction Off-road Equipment Mitigation -

Area Mitigation -

Water Mitigation -

Waste Mitigation -

Consumer Products - Operational Emissions Modeled Separately

Water And Wastewater - Operational Emissions Modeled Separately

Solid Waste - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	333,160.00	54,515.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	333,160.00	60,572.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	333,160.00	45,429.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	333,160.00	60,572.00
tblArchitecturalCoating	ConstArea_Residential_Interior	999,479.00	163,545.00
tblArchitecturalCoating	ConstArea_Residential_Interior	999,479.00	181,716.00
tblArchitecturalCoating	ConstArea_Residential_Interior	999,479.00	136,287.00
tblArchitecturalCoating	ConstArea_Residential_Interior	999,479.00	181,716.00
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_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
tblAreaCoating	Area_Residential_Exterior	333160	0
tblAreaCoating	Area_Residential_Interior	999479	0
tblConsumerProducts	ROG_EF	2.14E-05	1E-07
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-10
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-10
tblEnergyUse	LightingElect	1,608.84	0.00
tblEnergyUse	NT24E	6,680.41	0.00
tblEnergyUse	NT24NG	4,180.00	0.00

tblEnergyUse	T24E	374.93	0.00
tblEnergyUse	T24NG	24,312.55	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	60.50	0.00
tblFireplaces	NumberNoFireplace	11.00	0.00
tblFireplaces	NumberWood	38.50	0.00
tblGrading	AcresOfGrading	217.50	275.00
tblGrading	AcresOfGrading	11.00	0.00
tblGrading	AcresOfGrading	11.00	0.00
tblGrading	AcresOfGrading	10.00	0.00
tblLandUse	BuildingSpaceSquareFeet	198,000.00	493,570.00
tblLandUse	LandUseSquareFeet	198,000.00	493,570.00
tblLandUse	LotAcreage	35.71	53.40
tblLandUse	Population	315.00	303.00
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
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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
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
tblProjectCharacteristics	CO2IntensityFactor	720.49	454.71
tblProjectCharacteristics	OperationalYear	2018	2026
tblSolidWaste	SolidWasteGenerationRate	124.23	0.00
tblVehicleTrips	HO_TL	7.50	0.00
tblVehicleTrips	HS_TL	7.30	0.00
tblVehicleTrips	HW_TL	10.80	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	9.52	0.00
tblWater	IndoorWaterUseRate	7,166,942.82	0.00
tblWater	OutdoorWaterUseRate	4,518,290.04	0.00
tblWoodstoves	NumberCatalytic	5.50	0.00
tblWoodstoves	NumberNoncatalytic	5.50	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.2162	2.3040	1.7103	3.7000e-003	1.2436	0.0972	1.3408	0.3337	0.0895	0.4232	0.0000	326.4192	326.4192	0.1019	0.0000	328.9676
2023	0.9016	1.5009	1.8687	3.4300e-003	0.5908	0.0656	0.6564	0.0620	0.0616	0.1235	0.0000	301.6715	301.6715	0.0734	0.0000	303.5056
2024	0.5929	0.5509	0.7600	1.3200e-003	0.2821	0.0231	0.3052	0.0296	0.0218	0.0514	0.0000	116.1251	116.1251	0.0259	0.0000	116.7724
Maximum	**0.9016**	**2.3040**	**1.8687**	**3.7000e-003**	**1.2436**	**0.0972**	**1.3408**	**0.3337**	**0.0895**	**0.4232**	**0.0000**	**326.4192**	**326.4192**	**0.1019**	**0.0000**	**328.9676**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.0613	1.1826	2.1686	3.7000e-003	0.5134	5.9200e-003	0.5193	0.1337	5.9200e-003	0.1396	0.0000	326.4189	326.4189	0.1019	0.0000	328.9673
2023	0.8078	1.3104	2.1699	3.4300e-003	0.2630	9.2200e-003	0.2722	0.0292	9.2100e-003	0.0384	0.0000	301.6712	301.6712	0.0734	0.0000	303.5053
2024	0.5597	0.5110	0.8397	1.3200e-003	0.1252	4.0700e-003	0.1293	0.0139	4.0700e-003	0.0179	0.0000	116.1250	116.1250	0.0259	0.0000	116.7723
Maximum	**0.8078**	**1.3104**	**2.1699**	**3.7000e-003**	**0.5134**	**9.2200e-003**	**0.5193**	**0.1337**	**9.2100e-003**	**0.1396**	**0.0000**	**326.4189**	**326.4189**	**0.1019**	**0.0000**	**328.9673**

	ROG	**NOx**	**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	**16.47**	**31.04**	**-19.34**	**0.00**	**57.40**	**89.66**	**60.00**	**58.43**	**88.89**	**67.23**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	6-1-2022	8-31-2022	1.3971	0.6405
2	9-1-2022	11-30-2022	0.9438	0.4605
3	12-1-2022	2-28-2023	0.2656	0.1964
4	3-1-2023	5-31-2023	0.6580	0.6206
5	6-1-2023	8-31-2023	0.4394	0.3626
6	9-1-2023	11-30-2023	0.5615	0.4740
7	12-1-2023	2-29-2024	0.8069	0.7356
8	3-1-2024	5-31-2024	0.5310	0.5134
9	6-1-2024	8-31-2024	0.0412	0.0450
		Highest	1.3971	0.7356

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0335	9.4000e-003	0.8160	4.0000e-005		4.5300e-003	4.5300e-003		4.5300e-003	4.5300e-003	0.0000	1.3342	1.3342	1.2800e-003	0.0000	1.3661
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	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	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0335**	**9.4000e-003**	**0.8160**	**4.0000e-005**	**0.0000**	**4.5300e-003**	**4.5300e-003**	**0.0000**	**4.5300e-003**	**4.5300e-003**	**0.0000**	**1.3342**	**1.3342**	**1.2800e-003**	**0.0000**	**1.3661**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0335	9.4000e-003	0.8160	4.0000e-005		4.5300e-003	4.5300e-003		4.5300e-003	4.5300e-003	0.0000	1.3342	1.3342	1.2800e-003	0.0000	1.3661
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	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	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0335**	**9.4000e-003**	**0.8160**	**4.0000e-005**	**0.0000**	**4.5300e-003**	**4.5300e-003**	**0.0000**	**4.5300e-003**	**4.5300e-003**	**0.0000**	**1.3342**	**1.3342**	**1.2800e-003**	**0.0000**	**1.3661**

	ROG	**NOx**	**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	6/1/2022	6/30/2022	5	22	
2	Grading	Grading	7/1/2022	10/31/2022	5	87	
3	Utilities	Site Preparation	10/1/2022	3/31/2023	5	130	
4	Internal Open Space Landscaping	Site Preparation	1/1/2023	2/28/2023	5	42	
5	P1 Paving	Paving	1/1/2023	1/31/2023	5	22	
6	P1 Site Preparation (mo. 1)	Site Preparation	2/1/2023	2/28/2023	5	20	
7	P1 Building Construction 1 (mo. 2-4)	Building Construction	3/1/2023	5/31/2023	5	66	
8	P1 Architectural Coating	Architectural Coating	4/1/2023	5/31/2023	5	43	
9	P2 Paving	Paving	5/1/2023	5/31/2023	5	23	
10	P2 Site Preparation (mo. 1)	Site Preparation	6/1/2023	6/30/2023	5	22	
11	P1 Building Construction 2 (mo. 5)	Building Construction	6/1/2023	6/30/2023	5	22	
12	P2 Building Construction 1 (mo. 2-4)	Building Construction	7/1/2023	9/30/2023	5	65	
13	P2 Architectural Coating	Architectural Coating	8/1/2023	9/30/2023	5	44	
14	P3 Paving	Paving	9/1/2023	9/30/2023	5	21	
15	P3 Site Preparation (mo. 1)	Site Preparation	10/1/2023	10/31/2023	5	22	
16	P2 Building Construction 2 (mo. 5)	Building Construction	10/1/2023	10/31/2023	5	22	
17	P3 Building Construction 1 (mo. 2-4)	Building Construction	11/1/2023	1/31/2024	5	66	
18	P3 Architectural Coating	Architectural Coating	12/1/2023	1/31/2024	5	44	
19	P4 Paving	Paving	1/1/2024	1/31/2024	5	23	
20	P4 Site Preparation (mo. 1)	Site Preparation	2/1/2024	2/28/2024	5	20	
21	P3 Building Construction 2 (mo. 5)	Building Construction	2/1/2024	2/28/2024	5	20	
22	P4 Building Construction 1 (mo. 2-4)	Building Construction	3/1/2024	5/31/2024	5	66	
23	P4 Architectural Coating	Architectural Coating	4/1/2024	5/31/2024	5	45	
24	P4 Building Construction 2 (mo. 5)	Building Construction	6/1/2024	6/30/2024	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 275

Acres of Paving: 0

Residential Indoor: 163,545; Residential Outdoor: 54,515; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking

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
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
Utilities	Excavators	1	8.00	158	0.38
Utilities	Rubber Tired Loaders	1	8.00	203	0.36
Internal Open Space Landscaping	Excavators	1	8.00	158	0.38
Internal Open Space Landscaping	Skid Steer Loaders	1	8.00	65	0.37
P1 Paving	Pavers	2	8.00	130	0.42
P1 Paving	Paving Equipment	2	8.00	132	0.36
P1 Paving	Rollers	2	8.00	80	0.38
P1 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
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 Paving	Pavers	2	8.00	130	0.42
P2 Paving	Paving Equipment	2	8.00	132	0.36
P2 Paving	Rollers	2	8.00	80	0.38
P2 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56

P2 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
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	2	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 Paving	Pavers	2	8.00	130	0.42
P3 Paving	Paving Equipment	2	8.00	132	0.36
P3 Paving	Rollers	2	8.00	80	0.38
P3 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
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	2	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 Paving	Pavers	2	8.00	130	0.42
P4 Paving	Paving Equipment	2	8.00	132	0.36
P4 Paving	Rollers	2	8.00	80	0.38
P4 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41

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	2	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
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	2	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
Site Preparation	0	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	0	8.00	4.00	1,251.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	MHDT
Utilities	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Internal Open Space Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Paving	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Site Preparation (mo. 1)	0	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 1 (mo. 2-	0	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Paving	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Site Preparation (mo. 1)	0	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 2 (mo. 5)	0	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 1 (mo. 2-	0	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Paving	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Site Preparation (mo. 1)	0	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 2 (mo. 5)	0	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 1 (mo. 2-	0	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Paving	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Site Preparation (mo. 1)	0	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 2 (mo. 5)	0	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 1 (mo. 2-	0	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Architectural Coating	0	2.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 2 (mo. 5)	0	8.00	2.00	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 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1987	0.0000	0.1987	0.1092	0.0000	0.1092	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0390	0.4059	0.2609	4.9000e-004		0.0199	0.0199		0.0183	0.0183	0.0000	42.7541	42.7541	0.0138	0.0000	43.0998
Total	**0.0390**	**0.4059**	**0.2609**	**4.9000e-004**	**0.1987**	**0.0199**	**0.2187**	**0.1092**	**0.0183**	**0.1276**	**0.0000**	**42.7541**	**42.7541**	**0.0138**	**0.0000**	**43.0998**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	4.2700e-003	1.1400e-003	1.0000e-005	8.7100e-003	1.0000e-005	8.7100e-003	9.2000e-004	1.0000e-005	9.3000e-004	0.0000	1.1394	1.1394	8.0000e-005	0.0000	1.1415
Worker	2.2000e-004	1.5000e-004	1.5300e-003	0.0000	0.0192	0.0000	0.0192	2.0000e-003	0.0000	2.0100e-003	0.0000	0.4454	0.4454	1.0000e-005	0.0000	0.4457
Total	**3.5000e-004**	**4.4200e-003**	**2.6700e-003**	**1.0000e-005**	**0.0279**	**1.0000e-005**	**0.0279**	**2.9200e-003**	**1.0000e-005**	**2.9400e-003**	**0.0000**	**1.5848**	**1.5848**	**9.0000e-005**	**0.0000**	**1.5872**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0775	0.0000	0.0775	0.0426	0.0000	0.0426	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.5000e-003	0.1639	0.3044	4.9000e-004		7.9000e-004	7.9000e-004		7.9000e-004	7.9000e-004	0.0000	42.7541	42.7541	0.0138	0.0000	43.0997
Total	**8.5000e-003**	**0.1639**	**0.3044**	**4.9000e-004**	**0.0775**	**7.9000e-004**	**0.0783**	**0.0426**	**7.9000e-004**	**0.0434**	**0.0000**	**42.7541**	**42.7541**	**0.0138**	**0.0000**	**43.0997**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	4.2700e-003	1.1400e-003	1.0000e-005	3.9000e-003	1.0000e-005	3.9000e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.1394	1.1394	8.0000e-005	0.0000	1.1415
Worker	2.2000e-004	1.5000e-004	1.5300e-003	0.0000	8.5300e-003	0.0000	8.5300e-003	9.4000e-004	0.0000	9.4000e-004	0.0000	0.4454	0.4454	1.0000e-005	0.0000	0.4457
Total	**3.5000e-004**	**4.4200e-003**	**2.6700e-003**	**1.0000e-005**	**0.0124**	**1.0000e-005**	**0.0124**	**1.3800e-003**	**1.0000e-005**	**1.3900e-003**	**0.0000**	**1.5848**	**1.5848**	**9.0000e-005**	**0.0000**	**1.5872**

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	tons/yr										MT/yr					
Fugitive Dust					0.4078	0.0000	0.4078	0.1597	0.0000	0.1597	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1577	1.6897	1.2633	2.7000e-003		0.0711	0.0711		0.0654	0.0654	0.0000	237.2255	237.2255	0.0767	0.0000	239.1436
Total	**0.1577**	**1.6897**	**1.2633**	**2.7000e-003**	**0.4078**	**0.0711**	**0.4789**	**0.1597**	**0.0654**	**0.2252**	**0.0000**	**237.2255**	**237.2255**	**0.0767**	**0.0000**	**239.1436**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.4000e-004	0.0174	8.9000e-003	1.0000e-005	0.4099	1.0000e-005	0.4100	0.0409	1.0000e-005	0.0410	0.0000	1.1572	1.1572	9.0000e-005	0.0000	1.1594
Vendor	5.0000e-004	0.0169	4.5100e-003	5.0000e-005	0.0344	3.0000e-005	0.0345	3.6500e-003	3.0000e-005	3.6800e-003	0.0000	4.5060	4.5060	3.3000e-004	0.0000	4.5142
Worker	1.1400e-003	7.9000e-004	8.0700e-003	3.0000e-005	0.1012	2.0000e-005	0.1013	0.0106	2.0000e-005	0.0106	0.0000	2.3485	2.3485	6.0000e-005	0.0000	2.3501
Total	**2.2800e-003**	**0.0351**	**0.0215**	**9.0000e-005**	**0.5456**	**6.0000e-005**	**0.5457**	**0.0552**	**6.0000e-005**	**0.0552**	**0.0000**	**8.0116**	**8.0116**	**4.8000e-004**	**0.0000**	**8.0236**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1590	0.0000	0.1590	0.0623	0.0000	0.0623	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0440	0.8383	1.5974	2.7000e-003		4.4200e-003	4.4200e-003		4.4200e-003	4.4200e-003	0.0000	237.2252	237.2252	0.0767	0.0000	239.1433
Total	**0.0440**	**0.8383**	**1.5974**	**2.7000e-003**	**0.1590**	**4.4200e-003**	**0.1635**	**0.0623**	**4.4200e-003**	**0.0667**	**0.0000**	**237.2252**	**237.2252**	**0.0767**	**0.0000**	**239.1433**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.4000e-004	0.0174	8.9000e-003	1.0000e-005	0.1758	1.0000e-005	0.1758	0.0176	1.0000e-005	0.0176	0.0000	1.1572	1.1572	9.0000e-005	0.0000	1.1594
Vendor	5.0000e-004	0.0169	4.5100e-003	5.0000e-005	0.0154	3.0000e-005	0.0154	1.7500e-003	3.0000e-005	1.7800e-003	0.0000	4.5060	4.5060	3.3000e-004	0.0000	4.5142
Worker	1.1400e-003	7.9000e-004	8.0700e-003	3.0000e-005	0.0450	2.0000e-005	0.0450	4.9400e-003	2.0000e-005	4.9500e-003	0.0000	2.3485	2.3485	6.0000e-005	0.0000	2.3501
Total	**2.2800e-003**	**0.0351**	**0.0215**	**9.0000e-005**	**0.2361**	**6.0000e-005**	**0.2362**	**0.0242**	**6.0000e-005**	**0.0243**	**0.0000**	**8.0116**	**8.0116**	**4.8000e-004**	**0.0000**	**8.0236**

3.4 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	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0161	0.1561	0.1556	3.7000e-004		6.0900e-003	6.0900e-003		5.6000e-003	5.6000e-003	0.0000	32.5993	32.5993	0.0105	0.0000	32.8629
Total	**0.0161**	**0.1561**	**0.1556**	**3.7000e-004**	**0.0000**	**6.0900e-003**	**6.0900e-003**	**0.0000**	**5.6000e-003**	**5.6000e-003**	**0.0000**	**32.5993**	**32.5993**	**0.0105**	**0.0000**	**32.8629**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7000e-004	0.0126	3.3700e-003	3.0000e-005	0.0257	2.0000e-005	0.0258	2.7300e-003	2.0000e-005	2.7500e-003	0.0000	3.3665	3.3665	2.4000e-004	0.0000	3.3726
Worker	4.3000e-004	2.9000e-004	3.0200e-003	1.0000e-005	0.0378	1.0000e-005	0.0378	3.9400e-003	1.0000e-005	3.9500e-003	0.0000	0.8773	0.8773	2.0000e-005	0.0000	0.8779
Total	**8.0000e-004**	**0.0129**	**6.3900e-003**	**4.0000e-005**	**0.0635**	**3.0000e-005**	**0.0636**	**6.6700e-003**	**3.0000e-005**	**6.7000e-003**	**0.0000**	**4.2438**	**4.2438**	**2.6000e-004**	**0.0000**	**4.2505**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.4200e-003	0.1280	0.2363	3.7000e-004		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	32.5993	32.5993	0.0105	0.0000	32.8629
Total	**5.4200e-003**	**0.1280**	**0.2363**	**3.7000e-004**	**0.0000**	**6.1000e-004**	**6.1000e-004**	**0.0000**	**6.1000e-004**	**6.1000e-004**	**0.0000**	**32.5993**	**32.5993**	**0.0105**	**0.0000**	**32.8629**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7000e-004	0.0126	3.3700e-003	3.0000e-005	0.0115	2.0000e-005	0.0115	1.3100e-003	2.0000e-005	1.3300e-003	0.0000	3.3665	3.3665	2.4000e-004	0.0000	3.3726
Worker	4.3000e-004	2.9000e-004	3.0200e-003	1.0000e-005	0.0168	1.0000e-005	0.0168	1.8400e-003	1.0000e-005	1.8500e-003	0.0000	0.8773	0.8773	2.0000e-005	0.0000	0.8779
Total	**8.0000e-004**	**0.0129**	**6.3900e-003**	**4.0000e-005**	**0.0283**	**3.0000e-005**	**0.0283**	**3.1500e-003**	**3.0000e-005**	**3.1800e-003**	**0.0000**	**4.2438**	**4.2438**	**2.6000e-004**	**0.0000**	**4.2505**

3.4 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	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0149	0.1366	0.1550	3.7000e-004		5.3500e-003	5.3500e-003		4.9200e-003	4.9200e-003	0.0000	32.5989	32.5989	0.0105	0.0000	32.8625
Total	**0.0149**	**0.1366**	**0.1550**	**3.7000e-004**	**0.0000**	**5.3500e-003**	**5.3500e-003**	**0.0000**	**4.9200e-003**	**4.9200e-003**	**0.0000**	**32.5989**	**32.5989**	**0.0105**	**0.0000**	**32.8625**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.9000e-004	9.9100e-003	3.0700e-003	3.0000e-005	0.0257	1.0000e-005	0.0257	2.7300e-003	1.0000e-005	2.7400e-003	0.0000	3.2818	3.2818	2.2000e-004	0.0000	3.2874
Worker	4.1000e-004	2.7000e-004	2.8000e-003	1.0000e-005	0.0378	1.0000e-005	0.0378	3.9400e-003	1.0000e-005	3.9500e-003	0.0000	0.8438	0.8438	2.0000e-005	0.0000	0.8443
Total	**7.0000e-004**	**0.0102**	**5.8700e-003**	**4.0000e-005**	**0.0635**	**2.0000e-005**	**0.0636**	**6.6700e-003**	**2.0000e-005**	**6.6900e-003**	**0.0000**	**4.1256**	**4.1256**	**2.4000e-004**	**0.0000**	**4.1317**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.4200e-003	0.1280	0.2363	3.7000e-004		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	32.5989	32.5989	0.0105	0.0000	32.8625
Total	**5.4200e-003**	**0.1280**	**0.2363**	**3.7000e-004**	**0.0000**	**6.1000e-004**	**6.1000e-004**	**0.0000**	**6.1000e-004**	**6.1000e-004**	**0.0000**	**32.5989**	**32.5989**	**0.0105**	**0.0000**	**32.8625**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.9000e-004	9.9100e-003	3.0700e-003	3.0000e-005	0.0115	1.0000e-005	0.0115	1.3100e-003	1.0000e-005	1.3200e-003	0.0000	3.2818	3.2818	2.2000e-004	0.0000	3.2874
Worker	4.1000e-004	2.7000e-004	2.8000e-003	1.0000e-005	0.0168	1.0000e-005	0.0168	1.8400e-003	1.0000e-005	1.8500e-003	0.0000	0.8438	0.8438	2.0000e-005	0.0000	0.8443
Total	**7.0000e-004**	**0.0102**	**5.8700e-003**	**4.0000e-005**	**0.0283**	**2.0000e-005**	**0.0283**	**3.1500e-003**	**2.0000e-005**	**3.1700e-003**	**0.0000**	**4.1256**	**4.1256**	**2.4000e-004**	**0.0000**	**4.1317**

3.5 Internal Open Space 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	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.3300e-003	0.0507	0.0975	1.5000e-004		2.2100e-003	2.2100e-003		2.0300e-003	2.0300e-003	0.0000	13.3469	13.3469	4.3200e-003	0.0000	13.4548
Total	**5.3300e-003**	**0.0507**	**0.0975**	**1.5000e-004**	**0.0000**	**2.2100e-003**	**2.2100e-003**	**0.0000**	**2.0300e-003**	**2.0300e-003**	**0.0000**	**13.3469**	**13.3469**	**4.3200e-003**	**0.0000**	**13.4548**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9000e-004	6.4000e-003	1.9800e-003	2.0000e-005	0.0166	1.0000e-005	0.0166	1.7600e-003	1.0000e-005	1.7700e-003	0.0000	2.1205	2.1205	1.4000e-004	0.0000	2.1241
Worker	2.6000e-004	1.7000e-004	1.8100e-003	1.0000e-005	0.0244	0.0000	0.0244	2.5500e-003	0.0000	2.5500e-003	0.0000	0.5452	0.5452	1.0000e-005	0.0000	0.5456
Total	**4.5000e-004**	**6.5700e-003**	**3.7900e-003**	**3.0000e-005**	**0.0411**	**1.0000e-005**	**0.0411**	**4.3100e-003**	**1.0000e-005**	**4.3200e-003**	**0.0000**	**2.6658**	**2.6658**	**1.5000e-004**	**0.0000**	**2.6697**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4000e-003	0.0722	0.1152	1.5000e-004		1.1800e-003	1.1800e-003		1.1800e-003	1.1800e-003	0.0000	13.3469	13.3469	4.3200e-003	0.0000	13.4548
Total	**2.4000e-003**	**0.0722**	**0.1152**	**1.5000e-004**	**0.0000**	**1.1800e-003**	**1.1800e-003**	**0.0000**	**1.1800e-003**	**1.1800e-003**	**0.0000**	**13.3469**	**13.3469**	**4.3200e-003**	**0.0000**	**13.4548**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9000e-004	6.4000e-003	1.9800e-003	2.0000e-005	7.4400e-003	1.0000e-005	7.4400e-003	8.5000e-004	1.0000e-005	8.5000e-004	0.0000	2.1205	2.1205	1.4000e-004	0.0000	2.1241
Worker	2.6000e-004	1.7000e-004	1.8100e-003	1.0000e-005	0.0109	0.0000	0.0109	1.1900e-003	0.0000	1.2000e-003	0.0000	0.5452	0.5452	1.0000e-005	0.0000	0.5456
Total	**4.5000e-004**	**6.5700e-003**	**3.7900e-003**	**3.0000e-005**	**0.0183**	**1.0000e-005**	**0.0183**	**2.0400e-003**	**1.0000e-005**	**2.0500e-003**	**0.0000**	**2.6658**	**2.6658**	**1.5000e-004**	**0.0000**	**2.6697**

3.6 P1 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0296	22.0296	7.1200e-003	0.0000	22.2077
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0114**	**0.1121**	**0.1604**	**2.5000e-004**		**5.6100e-003**	**5.6100e-003**		**5.1600e-003**	**5.1600e-003**	**0.0000**	**22.0296**	**22.0296**	**7.1200e-003**	**0.0000**	**22.2077**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	8.3900e-003	2.6000e-003	3.0000e-005	0.0218	1.0000e-005	0.0218	2.3100e-003	1.0000e-005	2.3200e-003	0.0000	2.7769	2.7769	1.9000e-004	0.0000	2.7816
Worker	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2856	0.2856	1.0000e-005	0.0000	0.2858
Total	**3.8000e-004**	**8.4800e-003**	**3.5500e-003**	**3.0000e-005**	**0.0346**	**1.0000e-005**	**0.0346**	**3.6500e-003**	**1.0000e-005**	**3.6600e-003**	**0.0000**	**3.0625**	**3.0625**	**2.0000e-004**	**0.0000**	**3.0674**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.6700e-003	0.1104	0.1903	2.5000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	22.0295	22.0295	7.1200e-003	0.0000	22.2077
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.6700e-003**	**0.1104**	**0.1903**	**2.5000e-004**		**4.1000e-004**	**4.1000e-004**		**4.1000e-004**	**4.1000e-004**	**0.0000**	**22.0295**	**22.0295**	**7.1200e-003**	**0.0000**	**22.2077**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	8.3900e-003	2.6000e-003	3.0000e-005	9.7400e-003	1.0000e-005	9.7500e-003	1.1100e-003	1.0000e-005	1.1200e-003	0.0000	2.7769	2.7769	1.9000e-004	0.0000	2.7816
Worker	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	5.6800e-003	0.0000	5.6900e-003	6.2000e-004	0.0000	6.3000e-004	0.0000	0.2856	0.2856	1.0000e-005	0.0000	0.2858
Total	**3.8000e-004**	**8.4800e-003**	**3.5500e-003**	**3.0000e-005**	**0.0154**	**1.0000e-005**	**0.0154**	**1.7300e-003**	**1.0000e-005**	**1.7500e-003**	**0.0000**	**3.0625**	**3.0625**	**2.0000e-004**	**0.0000**	**3.0674**

3.7 P1 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	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0118	0.1187	0.0970	1.9000e-004		5.5300e-003	5.5300e-003		5.2100e-003	5.2100e-003	0.0000	16.7112	16.7112	3.7300e-003	0.0000	16.8046
Total	**0.0118**	**0.1187**	**0.0970**	**1.9000e-004**	**0.0000**	**5.5300e-003**	**5.5300e-003**	**0.0000**	**5.2100e-003**	**5.2100e-003**	**0.0000**	**16.7112**	**16.7112**	**3.7300e-003**	**0.0000**	**16.8046**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.5200e-003	4.7000e-004	1.0000e-005	3.9600e-003	0.0000	3.9600e-003	4.2000e-004	0.0000	4.2000e-004	0.0000	0.5049	0.5049	3.0000e-005	0.0000	0.5058
Worker	1.9000e-004	1.2000e-004	1.2900e-003	0.0000	0.0175	0.0000	0.0175	1.8200e-003	0.0000	1.8200e-003	0.0000	0.3894	0.3894	1.0000e-005	0.0000	0.3897
Total	**2.3000e-004**	**1.6400e-003**	**1.7600e-003**	**1.0000e-005**	**0.0214**	**0.0000**	**0.0214**	**2.2400e-003**	**0.0000**	**2.2400e-003**	**0.0000**	**0.8943**	**0.8943**	**4.0000e-005**	**0.0000**	**0.8954**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.5500e-003	0.0673	0.1169	1.9000e-004		7.3000e-004	7.3000e-004		7.3000e-004	7.3000e-004	0.0000	16.7112	16.7112	3.7300e-003	0.0000	16.8045
Total	**3.5500e-003**	**0.0673**	**0.1169**	**1.9000e-004**	**0.0000**	**7.3000e-004**	**7.3000e-004**	**0.0000**	**7.3000e-004**	**7.3000e-004**	**0.0000**	**16.7112**	**16.7112**	**3.7300e-003**	**0.0000**	**16.8045**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.5200e-003	4.7000e-004	1.0000e-005	1.7700e-003	0.0000	1.7700e-003	2.0000e-004	0.0000	2.0000e-004	0.0000	0.5049	0.5049	3.0000e-005	0.0000	0.5058
Worker	1.9000e-004	1.2000e-004	1.2900e-003	0.0000	7.7500e-003	0.0000	7.7500e-003	8.5000e-004	0.0000	8.5000e-004	0.0000	0.3894	0.3894	1.0000e-005	0.0000	0.3897
Total	**2.3000e-004**	**1.6400e-003**	**1.7600e-003**	**1.0000e-005**	**9.5200e-003**	**0.0000**	**9.5200e-003**	**1.0500e-003**	**0.0000**	**1.0500e-003**	**0.0000**	**0.8943**	**0.8943**	**4.0000e-005**	**0.0000**	**0.8954**

3.8 P1 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	tons/yr										MT/yr					
Off-Road	8.4900e-003	0.0969	0.1491	2.2000e-004		3.9900e-003	3.9900e-003		3.6700e-003	3.6700e-003	0.0000	19.0214	19.0214	6.1500e-003	0.0000	19.1752
Total	**8.4900e-003**	**0.0969**	**0.1491**	**2.2000e-004**		**3.9900e-003**	**3.9900e-003**		**3.6700e-003**	**3.6700e-003**	**0.0000**	**19.0214**	**19.0214**	**6.1500e-003**	**0.0000**	**19.1752**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5000e-004	5.0300e-003	1.5600e-003	2.0000e-005	0.0131	1.0000e-005	0.0131	1.3800e-003	1.0000e-005	1.3900e-003	0.0000	1.6661	1.6661	1.1000e-004	0.0000	1.6690
Worker	6.2000e-004	4.1000e-004	4.2600e-003	1.0000e-005	0.0576	1.0000e-005	0.0576	6.0100e-003	1.0000e-005	6.0200e-003	0.0000	1.2852	1.2852	3.0000e-005	0.0000	1.2860
Total	**7.7000e-004**	**5.4400e-003**	**5.8200e-003**	**3.0000e-005**	**0.0707**	**2.0000e-005**	**0.0707**	**7.3900e-003**	**2.0000e-005**	**7.4100e-003**	**0.0000**	**2.9513**	**2.9513**	**1.4000e-004**	**0.0000**	**2.9550**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.8600e-003	0.0945	0.1634	2.2000e-004		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	19.0214	19.0214	6.1500e-003	0.0000	19.1752
Total	**4.8600e-003**	**0.0945**	**0.1634**	**2.2000e-004**		**3.5000e-004**	**3.5000e-004**		**3.5000e-004**	**3.5000e-004**	**0.0000**	**19.0214**	**19.0214**	**6.1500e-003**	**0.0000**	**19.1752**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5000e-004	5.0300e-003	1.5600e-003	2.0000e-005	5.8400e-003	1.0000e-005	5.8500e-003	6.6000e-004	1.0000e-005	6.7000e-004	0.0000	1.6661	1.6661	1.1000e-004	0.0000	1.6690
Worker	6.2000e-004	4.1000e-004	4.2600e-003	1.0000e-005	0.0256	1.0000e-005	0.0256	2.8100e-003	1.0000e-005	2.8200e-003	0.0000	1.2852	1.2852	3.0000e-005	0.0000	1.2860
Total	**7.7000e-004**	**5.4400e-003**	**5.8200e-003**	**3.0000e-005**	**0.0314**	**2.0000e-005**	**0.0314**	**3.4700e-003**	**2.0000e-005**	**3.4900e-003**	**0.0000**	**2.9513**	**2.9513**	**1.4000e-004**	**0.0000**	**2.9550**

3.9 P1 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3159					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0110	0.0747	0.1038	1.7000e-004		4.0600e-003	4.0600e-003		4.0600e-003	4.0600e-003	0.0000	14.6387	14.6387	8.8000e-004	0.0000	14.6606
Total	**0.3268**	**0.0747**	**0.1038**	**1.7000e-004**		**4.0600e-003**	**4.0600e-003**		**4.0600e-003**	**4.0600e-003**	**0.0000**	**14.6387**	**14.6387**	**8.8000e-004**	**0.0000**	**14.6606**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9000e-004	6.5600e-003	2.0300e-003	2.0000e-005	0.0170	1.0000e-005	0.0170	1.8000e-003	1.0000e-005	1.8100e-003	0.0000	2.1710	2.1710	1.5000e-004	0.0000	2.1747
Worker	1.3000e-004	9.0000e-005	9.2000e-004	0.0000	0.0125	0.0000	0.0125	1.3000e-003	0.0000	1.3100e-003	0.0000	0.2791	0.2791	1.0000e-005	0.0000	0.2793
Total	**3.2000e-004**	**6.6500e-003**	**2.9500e-003**	**2.0000e-005**	**0.0295**	**1.0000e-005**	**0.0295**	**3.1000e-003**	**1.0000e-005**	**3.1200e-003**	**0.0000**	**2.4501**	**2.4501**	**1.6000e-004**	**0.0000**	**2.4540**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3159					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1200e-003	0.0608	0.1051	1.7000e-004		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	14.6386	14.6386	8.8000e-004	0.0000	14.6605
Total	**0.3190**	**0.0608**	**0.1051**	**1.7000e-004**		**2.3000e-004**	**2.3000e-004**		**2.3000e-004**	**2.3000e-004**	**0.0000**	**14.6386**	**14.6386**	**8.8000e-004**	**0.0000**	**14.6605**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9000e-004	6.5600e-003	2.0300e-003	2.0000e-005	7.6100e-003	1.0000e-005	7.6200e-003	8.7000e-004	1.0000e-005	8.7000e-004	0.0000	2.1710	2.1710	1.5000e-004	0.0000	2.1747
Worker	1.3000e-004	9.0000e-005	9.2000e-004	0.0000	5.5600e-003	0.0000	5.5600e-003	6.1000e-004	0.0000	6.1000e-004	0.0000	0.2791	0.2791	1.0000e-005	0.0000	0.2793
Total	**3.2000e-004**	**6.6500e-003**	**2.9500e-003**	**2.0000e-005**	**0.0132**	**1.0000e-005**	**0.0132**	**1.4800e-003**	**1.0000e-005**	**1.4800e-003**	**0.0000**	**2.4501**	**2.4501**	**1.6000e-004**	**0.0000**	**2.4540**

3.10 P2 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0119	0.1172	0.1677	2.6000e-004		5.8700e-003	5.8700e-003		5.4000e-003	5.4000e-003	0.0000	23.0309	23.0309	7.4500e-003	0.0000	23.2171
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0119**	**0.1172**	**0.1677**	**2.6000e-004**		**5.8700e-003**	**5.8700e-003**		**5.4000e-003**	**5.4000e-003**	**0.0000**	**23.0309**	**23.0309**	**7.4500e-003**	**0.0000**	**23.2171**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6000e-004	8.7700e-003	2.7200e-003	3.0000e-005	0.0228	1.0000e-005	0.0228	2.4100e-003	1.0000e-005	2.4200e-003	0.0000	2.9031	2.9031	2.0000e-004	0.0000	2.9081
Worker	1.4000e-004	9.0000e-005	9.9000e-004	0.0000	0.0134	0.0000	0.0134	1.4000e-003	0.0000	1.4000e-003	0.0000	0.2986	0.2986	1.0000e-005	0.0000	0.2988
Total	**4.0000e-004**	**8.8600e-003**	**3.7100e-003**	**3.0000e-005**	**0.0361**	**1.0000e-005**	**0.0362**	**3.8100e-003**	**1.0000e-005**	**3.8200e-003**	**0.0000**	**3.2017**	**3.2017**	**2.1000e-004**	**0.0000**	**3.2068**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.8400e-003	0.1155	0.1989	2.6000e-004		4.3000e-004	4.3000e-004		4.3000e-004	4.3000e-004	0.0000	23.0309	23.0309	7.4500e-003	0.0000	23.2171
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.8400e-003**	**0.1155**	**0.1989**	**2.6000e-004**		**4.3000e-004**	**4.3000e-004**		**4.3000e-004**	**4.3000e-004**	**0.0000**	**23.0309**	**23.0309**	**7.4500e-003**	**0.0000**	**23.2171**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6000e-004	8.7700e-003	2.7200e-003	3.0000e-005	0.0102	1.0000e-005	0.0102	1.1600e-003	1.0000e-005	1.1700e-003	0.0000	2.9031	2.9031	2.0000e-004	0.0000	2.9081
Worker	1.4000e-004	9.0000e-005	9.9000e-004	0.0000	5.9400e-003	0.0000	5.9500e-003	6.5000e-004	0.0000	6.5000e-004	0.0000	0.2986	0.2986	1.0000e-005	0.0000	0.2988
Total	**4.0000e-004**	**8.8600e-003**	**3.7100e-003**	**3.0000e-005**	**0.0161**	**1.0000e-005**	**0.0161**	**1.8100e-003**	**1.0000e-005**	**1.8200e-003**	**0.0000**	**3.2017**	**3.2017**	**2.1000e-004**	**0.0000**	**3.2068**

3.11 P2 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	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0130	0.1306	0.1067	2.1000e-004		6.0900e-003	6.0900e-003		5.7300e-003	5.7300e-003	0.0000	18.3823	18.3823	4.1100e-003	0.0000	18.4850
Total	**0.0130**	**0.1306**	**0.1067**	**2.1000e-004**	**0.0000**	**6.0900e-003**	**6.0900e-003**	**0.0000**	**5.7300e-003**	**5.7300e-003**	**0.0000**	**18.3823**	**18.3823**	**4.1100e-003**	**0.0000**	**18.4850**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6800e-003	5.2000e-004	1.0000e-005	4.3500e-003	0.0000	4.3500e-003	4.6000e-004	0.0000	4.6000e-004	0.0000	0.5554	0.5554	4.0000e-005	0.0000	0.5563
Worker	2.1000e-004	1.4000e-004	1.4200e-003	0.0000	0.0192	0.0000	0.0192	2.0000e-003	0.0000	2.0100e-003	0.0000	0.4284	0.4284	1.0000e-005	0.0000	0.4287
Total	**2.6000e-004**	**1.8200e-003**	**1.9400e-003**	**1.0000e-005**	**0.0236**	**0.0000**	**0.0236**	**2.4600e-003**	**0.0000**	**2.4700e-003**	**0.0000**	**0.9838**	**0.9838**	**5.0000e-005**	**0.0000**	**0.9850**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.9100e-003	0.0740	0.1286	2.1000e-004		8.0000e-004	8.0000e-004		8.0000e-004	8.0000e-004	0.0000	18.3823	18.3823	4.1100e-003	0.0000	18.4850
Total	**3.9100e-003**	**0.0740**	**0.1286**	**2.1000e-004**	**0.0000**	**8.0000e-004**	**8.0000e-004**	**0.0000**	**8.0000e-004**	**8.0000e-004**	**0.0000**	**18.3823**	**18.3823**	**4.1100e-003**	**0.0000**	**18.4850**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6800e-003	5.2000e-004	1.0000e-005	1.9500e-003	0.0000	1.9500e-003	2.2000e-004	0.0000	2.2000e-004	0.0000	0.5554	0.5554	4.0000e-005	0.0000	0.5563
Worker	2.1000e-004	1.4000e-004	1.4200e-003	0.0000	8.5300e-003	0.0000	8.5300e-003	9.4000e-004	0.0000	9.4000e-004	0.0000	0.4284	0.4284	1.0000e-005	0.0000	0.4287
Total	**2.6000e-004**	**1.8200e-003**	**1.9400e-003**	**1.0000e-005**	**0.0105**	**0.0000**	**0.0105**	**1.1600e-003**	**0.0000**	**1.1600e-003**	**0.0000**	**0.9838**	**0.9838**	**5.0000e-005**	**0.0000**	**0.9850**

3.12 P1 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	tons/yr										MT/yr					
Off-Road	3.2400e-003	0.0385	0.0590	9.0000e-005		1.3000e-003	1.3000e-003		1.2000e-003	1.2000e-003	0.0000	7.8365	7.8365	2.4200e-003	0.0000	7.8971
Total	**3.2400e-003**	**0.0385**	**0.0590**	**9.0000e-005**		**1.3000e-003**	**1.3000e-003**		**1.2000e-003**	**1.2000e-003**	**0.0000**	**7.8365**	**7.8365**	**2.4200e-003**	**0.0000**	**7.8971**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6800e-003	5.2000e-004	1.0000e-005	4.3500e-003	0.0000	4.3500e-003	4.6000e-004	0.0000	4.6000e-004	0.0000	0.5554	0.5554	4.0000e-005	0.0000	0.5563
Worker	2.1000e-004	1.4000e-004	1.4200e-003	0.0000	0.0192	0.0000	0.0192	2.0000e-003	0.0000	2.0100e-003	0.0000	0.4284	0.4284	1.0000e-005	0.0000	0.4287
Total	**2.6000e-004**	**1.8200e-003**	**1.9400e-003**	**1.0000e-005**	**0.0236**	**0.0000**	**0.0236**	**2.4600e-003**	**0.0000**	**2.4700e-003**	**0.0000**	**0.9838**	**0.9838**	**5.0000e-005**	**0.0000**	**0.9850**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.9700e-003	0.0422	0.0632	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	7.8365	7.8365	2.4200e-003	0.0000	7.8970
Total	**1.9700e-003**	**0.0422**	**0.0632**	**9.0000e-005**		**1.1100e-003**	**1.1100e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**7.8365**	**7.8365**	**2.4200e-003**	**0.0000**	**7.8970**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6800e-003	5.2000e-004	1.0000e-005	1.9500e-003	0.0000	1.9500e-003	2.2000e-004	0.0000	2.2000e-004	0.0000	0.5554	0.5554	4.0000e-005	0.0000	0.5563
Worker	2.1000e-004	1.4000e-004	1.4200e-003	0.0000	8.5300e-003	0.0000	8.5300e-003	9.4000e-004	0.0000	9.4000e-004	0.0000	0.4284	0.4284	1.0000e-005	0.0000	0.4287
Total	**2.6000e-004**	**1.8200e-003**	**1.9400e-003**	**1.0000e-005**	**0.0105**	**0.0000**	**0.0105**	**1.1600e-003**	**0.0000**	**1.1600e-003**	**0.0000**	**0.9838**	**0.9838**	**5.0000e-005**	**0.0000**	**0.9850**

3.13 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	tons/yr										MT/yr					
Off-Road	8.3600e-003	0.0954	0.1469	2.1000e-004		3.9200e-003	3.9200e-003		3.6100e-003	3.6100e-003	0.0000	18.7332	18.7332	6.0600e-003	0.0000	18.8847
Total	**8.3600e-003**	**0.0954**	**0.1469**	**2.1000e-004**		**3.9200e-003**	**3.9200e-003**		**3.6100e-003**	**3.6100e-003**	**0.0000**	**18.7332**	**18.7332**	**6.0600e-003**	**0.0000**	**18.8847**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.9600e-003	1.5400e-003	2.0000e-005	0.0129	1.0000e-005	0.0129	1.3600e-003	1.0000e-005	1.3700e-003	0.0000	1.6409	1.6409	1.1000e-004	0.0000	1.6437
Worker	6.1000e-004	4.0000e-004	4.1900e-003	1.0000e-005	0.0567	1.0000e-005	0.0567	5.9200e-003	1.0000e-005	5.9300e-003	0.0000	1.2657	1.2657	3.0000e-005	0.0000	1.2665
Total	**7.5000e-004**	**5.3600e-003**	**5.7300e-003**	**3.0000e-005**	**0.0696**	**2.0000e-005**	**0.0696**	**7.2800e-003**	**2.0000e-005**	**7.3000e-003**	**0.0000**	**2.9066**	**2.9066**	**1.4000e-004**	**0.0000**	**2.9102**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.7900e-003	0.0931	0.1610	2.1000e-004		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	18.7332	18.7332	6.0600e-003	0.0000	18.8847
Total	**4.7900e-003**	**0.0931**	**0.1610**	**2.1000e-004**		**3.5000e-004**	**3.5000e-004**		**3.5000e-004**	**3.5000e-004**	**0.0000**	**18.7332**	**18.7332**	**6.0600e-003**	**0.0000**	**18.8847**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.9600e-003	1.5400e-003	2.0000e-005	5.7500e-003	1.0000e-005	5.7600e-003	6.5000e-004	1.0000e-005	6.6000e-004	0.0000	1.6409	1.6409	1.1000e-004	0.0000	1.6437
Worker	6.1000e-004	4.0000e-004	4.1900e-003	1.0000e-005	0.0252	1.0000e-005	0.0252	2.7700e-003	1.0000e-005	2.7800e-003	0.0000	1.2657	1.2657	3.0000e-005	0.0000	1.2665
Total	**7.5000e-004**	**5.3600e-003**	**5.7300e-003**	**3.0000e-005**	**0.0309**	**2.0000e-005**	**0.0310**	**3.4200e-003**	**2.0000e-005**	**3.4400e-003**	**0.0000**	**2.9066**	**2.9066**	**1.4000e-004**	**0.0000**	**2.9102**

3.14 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	tons/yr										MT/yr					
Archit. Coating	0.2632					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0112	0.0764	0.1063	1.7000e-004		4.1500e-003	4.1500e-003		4.1500e-003	4.1500e-003	0.0000	14.9791	14.9791	9.0000e-004	0.0000	15.0015
Total	**0.2744**	**0.0764**	**0.1063**	**1.7000e-004**		**4.1500e-003**	**4.1500e-003**		**4.1500e-003**	**4.1500e-003**	**0.0000**	**14.9791**	**14.9791**	**9.0000e-004**	**0.0000**	**15.0015**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-004	6.7100e-003	2.0800e-003	2.0000e-005	0.0174	1.0000e-005	0.0174	1.8500e-003	1.0000e-005	1.8500e-003	0.0000	2.2215	2.2215	1.5000e-004	0.0000	2.2253
Worker	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2856	0.2856	1.0000e-005	0.0000	0.2858
Total	**3.4000e-004**	**6.8000e-003**	**3.0300e-003**	**2.0000e-005**	**0.0302**	**1.0000e-005**	**0.0302**	**3.1900e-003**	**1.0000e-005**	**3.1900e-003**	**0.0000**	**2.5071**	**2.5071**	**1.6000e-004**	**0.0000**	**2.5111**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2632					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2000e-003	0.0622	0.1075	1.7000e-004		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	14.9791	14.9791	9.0000e-004	0.0000	15.0015
Total	**0.2664**	**0.0622**	**0.1075**	**1.7000e-004**		**2.3000e-004**	**2.3000e-004**		**2.3000e-004**	**2.3000e-004**	**0.0000**	**14.9791**	**14.9791**	**9.0000e-004**	**0.0000**	**15.0015**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-004	6.7100e-003	2.0800e-003	2.0000e-005	7.7900e-003	1.0000e-005	7.8000e-003	8.9000e-004	1.0000e-005	8.9000e-004	0.0000	2.2215	2.2215	1.5000e-004	0.0000	2.2253
Worker	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	5.6800e-003	0.0000	5.6900e-003	6.2000e-004	0.0000	6.3000e-004	0.0000	0.2856	0.2856	1.0000e-005	0.0000	0.2858
Total	**3.4000e-004**	**6.8000e-003**	**3.0300e-003**	**2.0000e-005**	**0.0135**	**1.0000e-005**	**0.0135**	**1.5100e-003**	**1.0000e-005**	**1.5200e-003**	**0.0000**	**2.5071**	**2.5071**	**1.6000e-004**	**0.0000**	**2.5111**

3.15 P3 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0108	0.1070	0.1531	2.4000e-004		5.3600e-003	5.3600e-003		4.9300e-003	4.9300e-003	0.0000	21.0282	21.0282	6.8000e-003	0.0000	21.1982
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0108**	**0.1070**	**0.1531**	**2.4000e-004**		**5.3600e-003**	**5.3600e-003**		**4.9300e-003**	**4.9300e-003**	**0.0000**	**21.0282**	**21.0282**	**6.8000e-003**	**0.0000**	**21.1982**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	3.2000e-003	9.9000e-004	1.0000e-005	8.3100e-003	0.0000	8.3100e-003	8.8000e-004	0.0000	8.9000e-004	0.0000	1.0603	1.0603	7.0000e-005	0.0000	1.0621
Worker	1.3000e-004	9.0000e-005	9.0000e-004	0.0000	0.0122	0.0000	0.0122	1.2700e-003	0.0000	1.2800e-003	0.0000	0.2726	0.2726	1.0000e-005	0.0000	0.2728
Total	**2.2000e-004**	**3.2900e-003**	**1.8900e-003**	**1.0000e-005**	**0.0205**	**0.0000**	**0.0205**	**2.1500e-003**	**0.0000**	**2.1700e-003**	**0.0000**	**1.3329**	**1.3329**	**8.0000e-005**	**0.0000**	**1.3349**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.5100e-003	0.1054	0.1816	2.4000e-004		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	21.0282	21.0282	6.8000e-003	0.0000	21.1982
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.5100e-003**	**0.1054**	**0.1816**	**2.4000e-004**		**3.9000e-004**	**3.9000e-004**		**3.9000e-004**	**3.9000e-004**	**0.0000**	**21.0282**	**21.0282**	**6.8000e-003**	**0.0000**	**21.1982**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	3.2000e-003	9.9000e-004	1.0000e-005	3.7200e-003	0.0000	3.7200e-003	4.2000e-004	0.0000	4.3000e-004	0.0000	1.0603	1.0603	7.0000e-005	0.0000	1.0621
Worker	1.3000e-004	9.0000e-005	9.0000e-004	0.0000	5.4300e-003	0.0000	5.4300e-003	6.0000e-004	0.0000	6.0000e-004	0.0000	0.2726	0.2726	1.0000e-005	0.0000	0.2728
Total	**2.2000e-004**	**3.2900e-003**	**1.8900e-003**	**1.0000e-005**	**9.1500e-003**	**0.0000**	**9.1500e-003**	**1.0200e-003**	**0.0000**	**1.0300e-003**	**0.0000**	**1.3329**	**1.3329**	**8.0000e-005**	**0.0000**	**1.3349**

3.16 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	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0130	0.1306	0.1067	2.1000e-004		6.0900e-003	6.0900e-003		5.7300e-003	5.7300e-003	0.0000	18.3823	18.3823	4.1100e-003	0.0000	18.4850
Total	**0.0130**	**0.1306**	**0.1067**	**2.1000e-004**	**0.0000**	**6.0900e-003**	**6.0900e-003**	**0.0000**	**5.7300e-003**	**5.7300e-003**	**0.0000**	**18.3823**	**18.3823**	**4.1100e-003**	**0.0000**	**18.4850**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6800e-003	5.2000e-004	1.0000e-005	4.3500e-003	0.0000	4.3500e-003	4.6000e-004	0.0000	4.6000e-004	0.0000	0.5554	0.5554	4.0000e-005	0.0000	0.5563
Worker	2.7000e-004	1.8000e-004	1.8900e-003	1.0000e-005	0.0256	0.0000	0.0256	2.6700e-003	0.0000	2.6700e-003	0.0000	0.5712	0.5712	1.0000e-005	0.0000	0.5716
Total	**3.2000e-004**	**1.8600e-003**	**2.4100e-003**	**2.0000e-005**	**0.0300**	**0.0000**	**0.0300**	**3.1300e-003**	**0.0000**	**3.1300e-003**	**0.0000**	**1.1266**	**1.1266**	**5.0000e-005**	**0.0000**	**1.1279**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.9100e-003	0.0740	0.1286	2.1000e-004		8.0000e-004	8.0000e-004		8.0000e-004	8.0000e-004	0.0000	18.3823	18.3823	4.1100e-003	0.0000	18.4850
Total	**3.9100e-003**	**0.0740**	**0.1286**	**2.1000e-004**	**0.0000**	**8.0000e-004**	**8.0000e-004**	**0.0000**	**8.0000e-004**	**8.0000e-004**	**0.0000**	**18.3823**	**18.3823**	**4.1100e-003**	**0.0000**	**18.4850**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6800e-003	5.2000e-004	1.0000e-005	1.9500e-003	0.0000	1.9500e-003	2.2000e-004	0.0000	2.2000e-004	0.0000	0.5554	0.5554	4.0000e-005	0.0000	0.5563
Worker	2.7000e-004	1.8000e-004	1.8900e-003	1.0000e-005	0.0114	0.0000	0.0114	1.2500e-003	0.0000	1.2500e-003	0.0000	0.5712	0.5712	1.0000e-005	0.0000	0.5716
Total	**3.2000e-004**	**1.8600e-003**	**2.4100e-003**	**2.0000e-005**	**0.0133**	**0.0000**	**0.0133**	**1.4700e-003**	**0.0000**	**1.4700e-003**	**0.0000**	**1.1266**	**1.1266**	**5.0000e-005**	**0.0000**	**1.1279**

3.17 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	tons/yr										MT/yr					
Off-Road	3.2400e-003	0.0385	0.0590	9.0000e-005		1.3000e-003	1.3000e-003		1.2000e-003	1.2000e-003	0.0000	7.8365	7.8365	2.4200e-003	0.0000	7.8971
Total	**3.2400e-003**	**0.0385**	**0.0590**	**9.0000e-005**		**1.3000e-003**	**1.3000e-003**		**1.2000e-003**	**1.2000e-003**	**0.0000**	**7.8365**	**7.8365**	**2.4200e-003**	**0.0000**	**7.8971**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6800e-003	5.2000e-004	1.0000e-005	4.3500e-003	0.0000	4.3500e-003	4.6000e-004	0.0000	4.6000e-004	0.0000	0.5554	0.5554	4.0000e-005	0.0000	0.5563
Worker	2.1000e-004	1.4000e-004	1.4200e-003	0.0000	0.0192	0.0000	0.0192	2.0000e-003	0.0000	2.0100e-003	0.0000	0.4284	0.4284	1.0000e-005	0.0000	0.4287
Total	**2.6000e-004**	**1.8200e-003**	**1.9400e-003**	**1.0000e-005**	**0.0236**	**0.0000**	**0.0236**	**2.4600e-003**	**0.0000**	**2.4700e-003**	**0.0000**	**0.9838**	**0.9838**	**5.0000e-005**	**0.0000**	**0.9850**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.9700e-003	0.0422	0.0632	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	7.8365	7.8365	2.4200e-003	0.0000	7.8970
Total	**1.9700e-003**	**0.0422**	**0.0632**	**9.0000e-005**		**1.1100e-003**	**1.1100e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**7.8365**	**7.8365**	**2.4200e-003**	**0.0000**	**7.8970**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6800e-003	5.2000e-004	1.0000e-005	1.9500e-003	0.0000	1.9500e-003	2.2000e-004	0.0000	2.2000e-004	0.0000	0.5554	0.5554	4.0000e-005	0.0000	0.5563
Worker	2.1000e-004	1.4000e-004	1.4200e-003	0.0000	8.5300e-003	0.0000	8.5300e-003	9.4000e-004	0.0000	9.4000e-004	0.0000	0.4284	0.4284	1.0000e-005	0.0000	0.4287
Total	**2.6000e-004**	**1.8200e-003**	**1.9400e-003**	**1.0000e-005**	**0.0105**	**0.0000**	**0.0105**	**1.1600e-003**	**0.0000**	**1.1600e-003**	**0.0000**	**0.9838**	**0.9838**	**5.0000e-005**	**0.0000**	**0.9850**

3.18 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	tons/yr										MT/yr					
Off-Road	5.5300e-003	0.0631	0.0972	1.4000e-004		2.6000e-003	2.6000e-003		2.3900e-003	2.3900e-003	0.0000	12.3928	12.3928	4.0100e-003	0.0000	12.4930
Total	**5.5300e-003**	**0.0631**	**0.0972**	**1.4000e-004**		**2.6000e-003**	**2.6000e-003**		**2.3900e-003**	**2.3900e-003**	**0.0000**	**12.3928**	**12.3928**	**4.0100e-003**	**0.0000**	**12.4930**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	3.2800e-003	1.0200e-003	1.0000e-005	8.5100e-003	0.0000	8.5100e-003	9.0000e-004	0.0000	9.1000e-004	0.0000	1.0855	1.0855	7.0000e-005	0.0000	1.0874
Worker	5.4000e-004	3.6000e-004	3.7000e-003	1.0000e-005	0.0500	1.0000e-005	0.0501	5.2200e-003	1.0000e-005	5.2300e-003	0.0000	1.1164	1.1164	3.0000e-005	0.0000	1.1171
Total	**6.4000e-004**	**3.6400e-003**	**4.7200e-003**	**2.0000e-005**	**0.0586**	**1.0000e-005**	**0.0586**	**6.1200e-003**	**1.0000e-005**	**6.1400e-003**	**0.0000**	**2.2019**	**2.2019**	**1.0000e-004**	**0.0000**	**2.2045**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.1700e-003	0.0616	0.1065	1.4000e-004		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	12.3927	12.3927	4.0100e-003	0.0000	12.4929
Total	**3.1700e-003**	**0.0616**	**0.1065**	**1.4000e-004**		**2.3000e-004**	**2.3000e-004**		**2.3000e-004**	**2.3000e-004**	**0.0000**	**12.3927**	**12.3927**	**4.0100e-003**	**0.0000**	**12.4929**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	3.2800e-003	1.0200e-003	1.0000e-005	3.8100e-003	0.0000	3.8100e-003	4.3000e-004	0.0000	4.4000e-004	0.0000	1.0855	1.0855	7.0000e-005	0.0000	1.0874
Worker	5.4000e-004	3.6000e-004	3.7000e-003	1.0000e-005	0.0222	1.0000e-005	0.0222	2.4400e-003	1.0000e-005	2.4500e-003	0.0000	1.1164	1.1164	3.0000e-005	0.0000	1.1171
Total	**6.4000e-004**	**3.6400e-003**	**4.7200e-003**	**2.0000e-005**	**0.0260**	**1.0000e-005**	**0.0260**	**2.8700e-003**	**1.0000e-005**	**2.8900e-003**	**0.0000**	**2.2019**	**2.2019**	**1.0000e-004**	**0.0000**	**2.2045**

3.18 P3 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	tons/yr										MT/yr					
Off-Road	2.8300e-003	0.0322	0.0520	8.0000e-005		1.2400e-003	1.2400e-003		1.1400e-003	1.1400e-003	0.0000	6.6300	6.6300	2.1400e-003	0.0000	6.6836
Total	**2.8300e-003**	**0.0322**	**0.0520**	**8.0000e-005**		**1.2400e-003**	**1.2400e-003**		**1.1400e-003**	**1.1400e-003**	**0.0000**	**6.6300**	**6.6300**	**2.1400e-003**	**0.0000**	**6.6836**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.7300e-003	5.3000e-004	1.0000e-005	4.5500e-003	0.0000	4.5500e-003	4.8000e-004	0.0000	4.8000e-004	0.0000	0.5769	0.5769	4.0000e-005	0.0000	0.5779
Worker	2.7000e-004	1.7000e-004	1.8500e-003	1.0000e-005	0.0268	0.0000	0.0268	2.7900e-003	0.0000	2.8000e-003	0.0000	0.5736	0.5736	1.0000e-005	0.0000	0.5740
Total	**3.2000e-004**	**1.9000e-003**	**2.3800e-003**	**2.0000e-005**	**0.0313**	**0.0000**	**0.0313**	**3.2700e-003**	**0.0000**	**3.2800e-003**	**0.0000**	**1.1506**	**1.1506**	**5.0000e-005**	**0.0000**	**1.1519**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.6900e-003	0.0329	0.0570	8.0000e-005		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	6.6300	6.6300	2.1400e-003	0.0000	6.6836
Total	**1.6900e-003**	**0.0329**	**0.0570**	**8.0000e-005**		**1.2000e-004**	**1.2000e-004**		**1.2000e-004**	**1.2000e-004**	**0.0000**	**6.6300**	**6.6300**	**2.1400e-003**	**0.0000**	**6.6836**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.7300e-003	5.3000e-004	1.0000e-005	2.0400e-003	0.0000	2.0400e-003	2.3000e-004	0.0000	2.3000e-004	0.0000	0.5769	0.5769	4.0000e-005	0.0000	0.5779
Worker	2.7000e-004	1.7000e-004	1.8500e-003	1.0000e-005	0.0119	0.0000	0.0119	1.3100e-003	0.0000	1.3100e-003	0.0000	0.5736	0.5736	1.0000e-005	0.0000	0.5740
Total	**3.2000e-004**	**1.9000e-003**	**2.3800e-003**	**2.0000e-005**	**0.0139**	**0.0000**	**0.0139**	**1.5400e-003**	**0.0000**	**1.5400e-003**	**0.0000**	**1.1506**	**1.1506**	**5.0000e-005**	**0.0000**	**1.1519**

3.19 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	tons/yr										MT/yr					
Archit. Coating	0.1675					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.3700e-003	0.0365	0.0507	8.0000e-005		1.9800e-003	1.9800e-003		1.9800e-003	1.9800e-003	0.0000	7.1491	7.1491	4.3000e-004	0.0000	7.1598
Total	**0.1729**	**0.0365**	**0.0507**	**8.0000e-005**		**1.9800e-003**	**1.9800e-003**		**1.9800e-003**	**1.9800e-003**	**0.0000**	**7.1491**	**7.1491**	**4.3000e-004**	**0.0000**	**7.1598**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	3.2000e-003	9.9000e-004	1.0000e-005	8.3100e-003	0.0000	8.3100e-003	8.8000e-004	0.0000	8.9000e-004	0.0000	1.0603	1.0603	7.0000e-005	0.0000	1.0621
Worker	7.0000e-005	4.0000e-005	4.5000e-004	0.0000	6.1100e-003	0.0000	6.1100e-003	6.4000e-004	0.0000	6.4000e-004	0.0000	0.1363	0.1363	0.0000	0.0000	0.1364
Total	**1.6000e-004**	**3.2400e-003**	**1.4400e-003**	**1.0000e-005**	**0.0144**	**0.0000**	**0.0144**	**1.5200e-003**	**0.0000**	**1.5300e-003**	**0.0000**	**1.1966**	**1.1966**	**7.0000e-005**	**0.0000**	**1.1985**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1675					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5300e-003	0.0297	0.0513	8.0000e-005		1.1000e-004	1.1000e-004		1.1000e-004	1.1000e-004	0.0000	7.1491	7.1491	4.3000e-004	0.0000	7.1598
Total	**0.1690**	**0.0297**	**0.0513**	**8.0000e-005**		**1.1000e-004**	**1.1000e-004**		**1.1000e-004**	**1.1000e-004**	**0.0000**	**7.1491**	**7.1491**	**4.3000e-004**	**0.0000**	**7.1598**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	3.2000e-003	9.9000e-004	1.0000e-005	3.7200e-003	0.0000	3.7200e-003	4.2000e-004	0.0000	4.3000e-004	0.0000	1.0603	1.0603	7.0000e-005	0.0000	1.0621
Worker	7.0000e-005	4.0000e-005	4.5000e-004	0.0000	2.7100e-003	0.0000	2.7100e-003	3.0000e-004	0.0000	3.0000e-004	0.0000	0.1363	0.1363	0.0000	0.0000	0.1364
Total	**1.6000e-004**	**3.2400e-003**	**1.4400e-003**	**1.0000e-005**	**6.4300e-003**	**0.0000**	**6.4300e-003**	**7.2000e-004**	**0.0000**	**7.3000e-004**	**0.0000**	**1.1966**	**1.1966**	**7.0000e-005**	**0.0000**	**1.1985**

3.19 P3 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	tons/yr										MT/yr					
Archit. Coating	0.1835					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.5400e-003	0.0374	0.0555	9.0000e-005		1.8700e-003	1.8700e-003		1.8700e-003	1.8700e-003	0.0000	7.8300	7.8300	4.4000e-004	0.0000	7.8410
Total	**0.1890**	**0.0374**	**0.0555**	**9.0000e-005**		**1.8700e-003**	**1.8700e-003**		**1.8700e-003**	**1.8700e-003**	**0.0000**	**7.8300**	**7.8300**	**4.4000e-004**	**0.0000**	**7.8410**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	3.4600e-003	1.0500e-003	1.0000e-005	9.1000e-003	0.0000	9.1100e-003	9.7000e-004	0.0000	9.7000e-004	0.0000	1.1539	1.1539	8.0000e-005	0.0000	1.1558
Worker	7.0000e-005	4.0000e-005	4.6000e-004	0.0000	6.6900e-003	0.0000	6.6900e-003	7.0000e-004	0.0000	7.0000e-004	0.0000	0.1434	0.1434	0.0000	0.0000	0.1435
Total	**1.7000e-004**	**3.5000e-003**	**1.5100e-003**	**1.0000e-005**	**0.0158**	**0.0000**	**0.0158**	**1.6700e-003**	**0.0000**	**1.6700e-003**	**0.0000**	**1.2973**	**1.2973**	**8.0000e-005**	**0.0000**	**1.2993**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1835					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.6700e-003	0.0325	0.0562	9.0000e-005		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	7.8300	7.8300	4.4000e-004	0.0000	7.8410
Total	**0.1851**	**0.0325**	**0.0562**	**9.0000e-005**		**1.2000e-004**	**1.2000e-004**		**1.2000e-004**	**1.2000e-004**	**0.0000**	**7.8300**	**7.8300**	**4.4000e-004**	**0.0000**	**7.8410**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	3.4600e-003	1.0500e-003	1.0000e-005	4.0700e-003	0.0000	4.0800e-003	4.6000e-004	0.0000	4.7000e-004	0.0000	1.1539	1.1539	8.0000e-005	0.0000	1.1558
Worker	7.0000e-005	4.0000e-005	4.6000e-004	0.0000	2.9700e-003	0.0000	2.9700e-003	3.3000e-004	0.0000	3.3000e-004	0.0000	0.1434	0.1434	0.0000	0.0000	0.1435
Total	**1.7000e-004**	**3.5000e-003**	**1.5100e-003**	**1.0000e-005**	**7.0400e-003**	**0.0000**	**7.0500e-003**	**7.9000e-004**	**0.0000**	**8.0000e-004**	**0.0000**	**1.2973**	**1.2973**	**8.0000e-005**	**0.0000**	**1.2993**

3.20 P4 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1095	0.1682	2.6000e-004		5.3900e-003	5.3900e-003		4.9600e-003	4.9600e-003	0.0000	23.0305	23.0305	7.4500e-003	0.0000	23.2167
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0114**	**0.1095**	**0.1682**	**2.6000e-004**		**5.3900e-003**	**5.3900e-003**		**4.9600e-003**	**4.9600e-003**	**0.0000**	**23.0305**	**23.0305**	**7.4500e-003**	**0.0000**	**23.2167**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	8.6400e-003	2.6300e-003	3.0000e-005	0.0228	1.0000e-005	0.0228	2.4100e-003	1.0000e-005	2.4200e-003	0.0000	2.8847	2.8847	1.9000e-004	0.0000	2.8895
Worker	1.4000e-004	9.0000e-005	9.2000e-004	0.0000	0.0134	0.0000	0.0134	1.4000e-003	0.0000	1.4000e-003	0.0000	0.2868	0.2868	1.0000e-005	0.0000	0.2870
Total	**3.9000e-004**	**8.7300e-003**	**3.5500e-003**	**3.0000e-005**	**0.0361**	**1.0000e-005**	**0.0362**	**3.8100e-003**	**1.0000e-005**	**3.8200e-003**	**0.0000**	**3.1715**	**3.1715**	**2.0000e-004**	**0.0000**	**3.1765**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.8400e-003	0.1155	0.1989	2.6000e-004		4.3000e-004	4.3000e-004		4.3000e-004	4.3000e-004	0.0000	23.0305	23.0305	7.4500e-003	0.0000	23.2167
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.8400e-003**	**0.1155**	**0.1989**	**2.6000e-004**		**4.3000e-004**	**4.3000e-004**		**4.3000e-004**	**4.3000e-004**	**0.0000**	**23.0305**	**23.0305**	**7.4500e-003**	**0.0000**	**23.2167**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	8.6400e-003	2.6300e-003	3.0000e-005	0.0102	1.0000e-005	0.0102	1.1600e-003	1.0000e-005	1.1700e-003	0.0000	2.8847	2.8847	1.9000e-004	0.0000	2.8895
Worker	1.4000e-004	9.0000e-005	9.2000e-004	0.0000	5.9400e-003	0.0000	5.9500e-003	6.5000e-004	0.0000	6.5000e-004	0.0000	0.2868	0.2868	1.0000e-005	0.0000	0.2870
Total	**3.9000e-004**	**8.7300e-003**	**3.5500e-003**	**3.0000e-005**	**0.0161**	**1.0000e-005**	**0.0161**	**1.8100e-003**	**1.0000e-005**	**1.8200e-003**	**0.0000**	**3.1715**	**3.1715**	**2.0000e-004**	**0.0000**	**3.1765**

3.21 P4 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	tons/yr										MT/yr					
Fugitive Dust					5.3000e-003	0.0000	5.3000e-003	5.7000e-004	0.0000	5.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0112	0.1109	0.0966	1.9000e-004		5.1200e-003	5.1200e-003		4.8100e-003	4.8100e-003	0.0000	16.7084	16.7084	3.7200e-003	0.0000	16.8015
Total	**0.0112**	**0.1109**	**0.0966**	**1.9000e-004**	**5.3000e-003**	**5.1200e-003**	**0.0104**	**5.7000e-004**	**4.8100e-003**	**5.3800e-003**	**0.0000**	**16.7084**	**16.7084**	**3.7200e-003**	**0.0000**	**16.8015**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.5000e-003	4.6000e-004	1.0000e-005	3.9600e-003	0.0000	3.9600e-003	4.2000e-004	0.0000	4.2000e-004	0.0000	0.5017	0.5017	3.0000e-005	0.0000	0.5025
Worker	2.4000e-004	1.5000e-004	1.6100e-003	1.0000e-005	0.0233	0.0000	0.0233	2.4300e-003	0.0000	2.4300e-003	0.0000	0.4988	0.4988	1.0000e-005	0.0000	0.4991
Total	**2.8000e-004**	**1.6500e-003**	**2.0700e-003**	**2.0000e-005**	**0.0272**	**0.0000**	**0.0272**	**2.8500e-003**	**0.0000**	**2.8500e-003**	**0.0000**	**1.0005**	**1.0005**	**4.0000e-005**	**0.0000**	**1.0017**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0700e-003	0.0000	2.0700e-003	2.2000e-004	0.0000	2.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.5500e-003	0.0673	0.1169	1.9000e-004		7.3000e-004	7.3000e-004		7.3000e-004	7.3000e-004	0.0000	16.7084	16.7084	3.7200e-003	0.0000	16.8015
Total	**3.5500e-003**	**0.0673**	**0.1169**	**1.9000e-004**	**2.0700e-003**	**7.3000e-004**	**2.8000e-003**	**2.2000e-004**	**7.3000e-004**	**9.5000e-004**	**0.0000**	**16.7084**	**16.7084**	**3.7200e-003**	**0.0000**	**16.8015**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.5000e-003	4.6000e-004	1.0000e-005	1.7700e-003	0.0000	1.7700e-003	2.0000e-004	0.0000	2.0000e-004	0.0000	0.5017	0.5017	3.0000e-005	0.0000	0.5025
Worker	2.4000e-004	1.5000e-004	1.6100e-003	1.0000e-005	0.0103	0.0000	0.0103	1.1300e-003	0.0000	1.1400e-003	0.0000	0.4988	0.4988	1.0000e-005	0.0000	0.4991
Total	**2.8000e-004**	**1.6500e-003**	**2.0700e-003**	**2.0000e-005**	**0.0121**	**0.0000**	**0.0121**	**1.3300e-003**	**0.0000**	**1.3400e-003**	**0.0000**	**1.0005**	**1.0005**	**4.0000e-005**	**0.0000**	**1.0017**

3.22 P3 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	tons/yr										MT/yr					
Off-Road	2.8600e-003	0.0337	0.0537	8.0000e-005		1.0900e-003	1.0900e-003		1.0100e-003	1.0100e-003	0.0000	7.1249	7.1249	2.2000e-003	0.0000	7.1800
Total	**2.8600e-003**	**0.0337**	**0.0537**	**8.0000e-005**		**1.0900e-003**	**1.0900e-003**		**1.0100e-003**	**1.0100e-003**	**0.0000**	**7.1249**	**7.1249**	**2.2000e-003**	**0.0000**	**7.1800**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.5000e-003	4.6000e-004	1.0000e-005	3.9600e-003	0.0000	3.9600e-003	4.2000e-004	0.0000	4.2000e-004	0.0000	0.5017	0.5017	3.0000e-005	0.0000	0.5025
Worker	2.4000e-004	1.5000e-004	1.6100e-003	1.0000e-005	0.0233	0.0000	0.0233	2.4300e-003	0.0000	2.4300e-003	0.0000	0.4988	0.4988	1.0000e-005	0.0000	0.4991
Total	**2.8000e-004**	**1.6500e-003**	**2.0700e-003**	**2.0000e-005**	**0.0272**	**0.0000**	**0.0272**	**2.8500e-003**	**0.0000**	**2.8500e-003**	**0.0000**	**1.0005**	**1.0005**	**4.0000e-005**	**0.0000**	**1.0017**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.7900e-003	0.0383	0.0575	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003	0.0000	7.1249	7.1249	2.2000e-003	0.0000	7.1800
Total	**1.7900e-003**	**0.0383**	**0.0575**	**8.0000e-005**		**1.0100e-003**	**1.0100e-003**		**1.0100e-003**	**1.0100e-003**	**0.0000**	**7.1249**	**7.1249**	**2.2000e-003**	**0.0000**	**7.1800**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.5000e-003	4.6000e-004	1.0000e-005	1.7700e-003	0.0000	1.7700e-003	2.0000e-004	0.0000	2.0000e-004	0.0000	0.5017	0.5017	3.0000e-005	0.0000	0.5025
Worker	2.4000e-004	1.5000e-004	1.6100e-003	1.0000e-005	0.0103	0.0000	0.0103	1.1300e-003	0.0000	1.1400e-003	0.0000	0.4988	0.4988	1.0000e-005	0.0000	0.4991
Total	**2.8000e-004**	**1.6500e-003**	**2.0700e-003**	**2.0000e-005**	**0.0121**	**0.0000**	**0.0121**	**1.3300e-003**	**0.0000**	**1.3400e-003**	**0.0000**	**1.0005**	**1.0005**	**4.0000e-005**	**0.0000**	**1.0017**

3.23 P4 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	tons/yr										MT/yr					
Off-Road	8.1300e-003	0.0924	0.1493	2.2000e-004		3.5500e-003	3.5500e-003		3.2700e-003	3.2700e-003	0.0000	19.0251	19.0251	6.1500e-003	0.0000	19.1789
Total	**8.1300e-003**	**0.0924**	**0.1493**	**2.2000e-004**		**3.5500e-003**	**3.5500e-003**		**3.2700e-003**	**3.2700e-003**	**0.0000**	**19.0251**	**19.0251**	**6.1500e-003**	**0.0000**	**19.1789**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.9600e-003	1.5100e-003	2.0000e-005	0.0131	1.0000e-005	0.0131	1.3800e-003	1.0000e-005	1.3900e-003	0.0000	1.6556	1.6556	1.1000e-004	0.0000	1.6584
Worker	7.8000e-004	5.0000e-004	5.3000e-003	2.0000e-005	0.0768	1.0000e-005	0.0768	8.0100e-003	1.0000e-005	8.0200e-003	0.0000	1.6461	1.6461	4.0000e-005	0.0000	1.6471
Total	**9.2000e-004**	**5.4600e-003**	**6.8100e-003**	**4.0000e-005**	**0.0899**	**2.0000e-005**	**0.0899**	**9.3900e-003**	**2.0000e-005**	**9.4100e-003**	**0.0000**	**3.3016**	**3.3016**	**1.5000e-004**	**0.0000**	**3.3054**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.8600e-003	0.0945	0.1634	2.2000e-004		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	19.0251	19.0251	6.1500e-003	0.0000	19.1789
Total	**4.8600e-003**	**0.0945**	**0.1634**	**2.2000e-004**		**3.5000e-004**	**3.5000e-004**		**3.5000e-004**	**3.5000e-004**	**0.0000**	**19.0251**	**19.0251**	**6.1500e-003**	**0.0000**	**19.1789**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.9600e-003	1.5100e-003	2.0000e-005	5.8400e-003	1.0000e-005	5.8500e-003	6.6000e-004	1.0000e-005	6.7000e-004	0.0000	1.6556	1.6556	1.1000e-004	0.0000	1.6584
Worker	7.8000e-004	5.0000e-004	5.3000e-003	2.0000e-005	0.0341	1.0000e-005	0.0341	3.7400e-003	1.0000e-005	3.7600e-003	0.0000	1.6461	1.6461	4.0000e-005	0.0000	1.6471
Total	**9.2000e-004**	**5.4600e-003**	**6.8100e-003**	**4.0000e-005**	**0.0400**	**2.0000e-005**	**0.0400**	**4.4000e-003**	**2.0000e-005**	**4.4300e-003**	**0.0000**	**3.3016**	**3.3016**	**1.5000e-004**	**0.0000**	**3.3054**

3.24 P4 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	tons/yr										MT/yr					
Archit. Coating	0.3509					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0109	0.0731	0.1086	1.8000e-004		3.6500e-003	3.6500e-003		3.6500e-003	3.6500e-003	0.0000	15.3195	15.3195	8.6000e-004	0.0000	15.3411
Total	**0.3618**	**0.0731**	**0.1086**	**1.8000e-004**		**3.6500e-003**	**3.6500e-003**		**3.6500e-003**	**3.6500e-003**	**0.0000**	**15.3195**	**15.3195**	**8.6000e-004**	**0.0000**	**15.3411**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	3.3800e-003	1.0300e-003	1.0000e-005	8.9000e-003	0.0000	8.9100e-003	9.4000e-004	0.0000	9.5000e-004	0.0000	1.1288	1.1288	8.0000e-005	0.0000	1.1307
Worker	1.3000e-004	9.0000e-005	9.0000e-004	0.0000	0.0131	0.0000	0.0131	1.3700e-003	0.0000	1.3700e-003	0.0000	0.2806	0.2806	1.0000e-005	0.0000	0.2808
Total	**2.3000e-004**	**3.4700e-003**	**1.9300e-003**	**1.0000e-005**	**0.0220**	**0.0000**	**0.0220**	**2.3100e-003**	**0.0000**	**2.3200e-003**	**0.0000**	**1.4094**	**1.4094**	**9.0000e-005**	**0.0000**	**1.4114**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3509					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2700e-003	0.0636	0.1099	1.8000e-004		2.4000e-004	2.4000e-004		2.4000e-004	2.4000e-004	0.0000	15.3195	15.3195	8.6000e-004	0.0000	15.3411
Total	**0.3542**	**0.0636**	**0.1099**	**1.8000e-004**		**2.4000e-004**	**2.4000e-004**		**2.4000e-004**	**2.4000e-004**	**0.0000**	**15.3195**	**15.3195**	**8.6000e-004**	**0.0000**	**15.3411**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	3.3800e-003	1.0300e-003	1.0000e-005	3.9800e-003	0.0000	3.9900e-003	4.5000e-004	0.0000	4.6000e-004	0.0000	1.1288	1.1288	8.0000e-005	0.0000	1.1307
Worker	1.3000e-004	9.0000e-005	9.0000e-004	0.0000	5.8100e-003	0.0000	5.8200e-003	6.4000e-004	0.0000	6.4000e-004	0.0000	0.2806	0.2806	1.0000e-005	0.0000	0.2808
Total	**2.3000e-004**	**3.4700e-003**	**1.9300e-003**	**1.0000e-005**	**9.7900e-003**	**0.0000**	**9.8100e-003**	**1.0900e-003**	**0.0000**	**1.1000e-003**	**0.0000**	**1.4094**	**1.4094**	**9.0000e-005**	**0.0000**	**1.4114**

3.25 P4 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	tons/yr										MT/yr					
Off-Road	2.8600e-003	0.0337	0.0537	8.0000e-005		1.0900e-003	1.0900e-003		1.0100e-003	1.0100e-003	0.0000	7.1249	7.1249	2.2000e-003	0.0000	7.1800
Total	**2.8600e-003**	**0.0337**	**0.0537**	**8.0000e-005**		**1.0900e-003**	**1.0900e-003**		**1.0100e-003**	**1.0100e-003**	**0.0000**	**7.1249**	**7.1249**	**2.2000e-003**	**0.0000**	**7.1800**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.5000e-003	4.6000e-004	1.0000e-005	3.9600e-003	0.0000	3.9600e-003	4.2000e-004	0.0000	4.2000e-004	0.0000	0.5017	0.5017	3.0000e-005	0.0000	0.5025
Worker	2.4000e-004	1.5000e-004	1.6100e-003	1.0000e-005	0.0233	0.0000	0.0233	2.4300e-003	0.0000	2.4300e-003	0.0000	0.4988	0.4988	1.0000e-005	0.0000	0.4991
Total	**2.8000e-004**	**1.6500e-003**	**2.0700e-003**	**2.0000e-005**	**0.0272**	**0.0000**	**0.0272**	**2.8500e-003**	**0.0000**	**2.8500e-003**	**0.0000**	**1.0005**	**1.0005**	**4.0000e-005**	**0.0000**	**1.0017**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.7900e-003	0.0383	0.0575	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003	0.0000	7.1249	7.1249	2.2000e-003	0.0000	7.1800
Total	**1.7900e-003**	**0.0383**	**0.0575**	**8.0000e-005**		**1.0100e-003**	**1.0100e-003**		**1.0100e-003**	**1.0100e-003**	**0.0000**	**7.1249**	**7.1249**	**2.2000e-003**	**0.0000**	**7.1800**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.5000e-003	4.6000e-004	1.0000e-005	1.7700e-003	0.0000	1.7700e-003	2.0000e-004	0.0000	2.0000e-004	0.0000	0.5017	0.5017	3.0000e-005	0.0000	0.5025
Worker	2.4000e-004	1.5000e-004	1.6100e-003	1.0000e-005	0.0103	0.0000	0.0103	1.1300e-003	0.0000	1.1400e-003	0.0000	0.4988	0.4988	1.0000e-005	0.0000	0.4991
Total	**2.8000e-004**	**1.6500e-003**	**2.0700e-003**	**2.0000e-005**	**0.0121**	**0.0000**	**0.0121**	**1.3300e-003**	**0.0000**	**1.3400e-003**	**0.0000**	**1.0005**	**1.0005**	**4.0000e-005**	**0.0000**	**1.0017**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Single Family Housing	0.00	0.00	0.00	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Single Family Housing	0.611343	0.038414	0.178161	0.100214	0.013382	0.005338	0.017151	0.024839	0.001931	0.001783	0.005765	0.000770	0.000908

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0335	9.4000e-003	0.8160	4.0000e-005		4.5300e-003	4.5300e-003		4.5300e-003	4.5300e-003	0.0000	1.3342	1.3342	1.2800e-003	0.0000	1.3661
Unmitigated	0.0335	9.4000e-003	0.8160	4.0000e-005		4.5300e-003	4.5300e-003		4.5300e-003	4.5300e-003	0.0000	1.3342	1.3342	1.2800e-003	0.0000	1.3661

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	9.0100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0245	9.4000e-003	0.8160	4.0000e-005		4.5300e-003	4.5300e-003		4.5300e-003	4.5300e-003	0.0000	1.3342	1.3342	1.2800e-003	0.0000	1.3661
Total	**0.0335**	**9.4000e-003**	**0.8160**	**4.0000e-005**		**4.5300e-003**	**4.5300e-003**		**4.5300e-003**	**4.5300e-003**	**0.0000**	**1.3342**	**1.3342**	**1.2800e-003**	**0.0000**	**1.3661**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	9.0100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0245	9.4000e-003	0.8160	4.0000e-005		4.5300e-003	4.5300e-003		4.5300e-003	4.5300e-003	0.0000	1.3342	1.3342	1.2800e-003	0.0000	1.3661
Total	**0.0335**	**9.4000e-003**	**0.8160**	**4.0000e-005**		**4.5300e-003**	**4.5300e-003**		**4.5300e-003**	**4.5300e-003**	**0.0000**	**1.3342**	**1.3342**	**1.2800e-003**	**0.0000**	**1.3661**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Single Family Housing	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Single Family Housing	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

CalEEMod Version: CalEEMod.2016.3.1

Date: 8/16/2017 3:58 PM

Proctor Valley EIR -North Village Residential (P1-4)

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	0.71	0.49	-0.26	0.00	0.94	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Internal Open Space Landscaping	0.51	-0.38	-0.18	0.00	0.46	0.42	0.00	0.00	0.00	0.00	0.00	0.00
P1 Architectural Coating	0.02	0.17	-0.01	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 1 (mo. 2-4)	0.39	0.02	-0.09	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 2 (mo. 5)	0.36	-0.09	-0.07	0.00	0.15	0.07	0.00	0.00	0.00	0.00	0.00	0.00
P1 Paving	0.66	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P1 Site Preparation (mo. 1)	0.69	0.43	-0.20	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00
P2 Architectural Coating	0.03	0.17	-0.01	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 1 (mo. 2-4)	0.39	0.02	-0.09	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 2 (mo. 5)	0.36	-0.09	-0.07	0.00	0.15	0.07	0.00	0.00	0.00	0.00	0.00	0.00
P2 Paving	0.65	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P2 Site Preparation (mo. 1)	0.69	0.43	-0.20	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00
P3 Architectural Coating	0.02	0.14	-0.01	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 1 (mo. 2-4)	0.38	0.01	-0.09	0.00	0.90	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 2 (mo. 5)	0.34	-0.13	-0.07	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P3 Paving	0.66	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P3 Site Preparation (mo. 1)	0.68	0.43	-0.20	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00
P4 Architectural Coating	0.02	0.12	-0.01	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 1 (mo. 2-4)	0.36	-0.02	-0.09	0.00	0.90	0.89	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 2 (mo. 5)	0.34	-0.13	-0.07	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P4 Paving	0.64	-0.05	-0.18	0.00	0.92	0.91	0.00	0.00	0.00	0.00	0.00	0.00
P4 Site Preparation (mo. 1)	0.67	0.39	-0.21	0.00	0.86	0.85	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	0.78	0.59	-0.17	0.00	0.96	0.96	0.00	0.00	0.00	0.00	0.00	0.00
Utilities	0.62	0.12	-0.50	0.00	0.89	0.88	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	8	8	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 4 Interim	8	8	No Change	0.00
Excavators	Diesel	Tier 4 Interim	4	4	No Change	0.00
Graders	Diesel	Tier 4 Interim	5	5	No Change	0.00
Other Construction Equipment	Diesel	Tier 4 Interim	1	1	No Change	0.00
Pavers	Diesel	Tier 4 Interim	8	8	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	8	8	No Change	0.00
Pumps	Diesel	Tier 4 Interim	4	4	No Change	0.00
Rollers	Diesel	Tier 4 Interim	8	8	No Change	0.00
Rough Terrain Forklifts	Diesel	Tier 4 Interim	8	8	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Interim	4	4	No Change	0.00
Rubber Tired Loaders	Diesel	Tier 4 Interim	1	1	No Change	0.00
Scrapers	Diesel	Tier 4 Interim	2	2	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	13	13	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	10	10	No Change	0.00
Trenchers	Diesel	Tier 4 Interim	4	4	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	4.39900E-002	2.98140E-001	4.24920E-001	7.00000E-004	1.57200E-002	1.57200E-002	0.00000E+000	5.99164E+001	5.99164E+001	3.50000E-003	0.00000E+000	6.00039E+001
Cement and Mortar Mixers	4.94000E-003	3.09300E-002	2.59000E-002	6.00000E-005	1.20000E-003	1.20000E-003	0.00000E+000	3.84952E+000	3.84952E+000	4.00000E-004	0.00000E+000	3.85951E+000
Excavators	3.42800E-002	2.95200E-001	5.63280E-001	8.90000E-004	1.43200E-002	1.31800E-002	0.00000E+000	7.84783E+001	7.84783E+001	2.53800E-002	0.00000E+000	7.91128E+001
Graders	3.38700E-002	4.19160E-001	1.45620E-001	5.70000E-004	1.34500E-002	1.23700E-002	0.00000E+000	4.97211E+001	4.97211E+001	1.60800E-002	0.00000E+000	5.01231E+001
Other Construction Equipment	4.14000E-003	4.19700E-002	4.42200E-002	7.00000E-005	2.19000E-003	2.01000E-003	0.00000E+000	5.97077E+000	5.97077E+000	1.93000E-003	0.00000E+000	6.01904E+000
Pavers	1.68900E-002	1.64330E-001	2.56830E-001	4.20000E-004	7.72000E-003	7.10000E-003	0.00000E+000	3.67528E+001	3.67528E+001	1.18900E-002	0.00000E+000	3.70500E+001
Paving Equipment	1.50600E-002	1.40200E-001	2.27850E-001	3.60000E-004	6.81000E-003	6.26000E-003	0.00000E+000	3.18490E+001	3.18490E+001	1.03000E-002	0.00000E+000	3.21065E+001
Pumps	1.35500E-002	1.13880E-001	1.56410E-001	2.80000E-004	5.49000E-003	5.49000E-003	0.00000E+000	2.37387E+001	2.37387E+001	1.08000E-003	0.00000E+000	2.37656E+001
Rollers	1.35000E-002	1.41330E-001	1.64800E-001	2.30000E-004	7.70000E-003	7.09000E-003	0.00000E+000	2.05173E+001	2.05173E+001	6.64000E-003	0.00000E+000	2.06832E+001
Rough Terrain Forklifts	1.81300E-002	2.39620E-001	3.96960E-001	6.00000E-004	7.55000E-003	6.95000E-003	0.00000E+000	5.25356E+001	5.25356E+001	1.69900E-002	0.00000E+000	5.29604E+001
Rubber Tired Dozers	6.40400E-002	6.72710E-001	2.74020E-001	6.50000E-004	3.19300E-002	2.93700E-002	0.00000E+000	5.73960E+001	5.73960E+001	1.85600E-002	0.00000E+000	5.78600E+001
Rubber Tired Loaders	1.82600E-002	1.84590E-001	9.88300E-002	4.10000E-004	6.19000E-003	5.69000E-003	0.00000E+000	3.57112E+001	3.57112E+001	1.15500E-002	0.00000E+000	3.59999E+001
Scrapers	7.12700E-002	7.78080E-001	5.54690E-001	1.32000E-003	3.03700E-002	2.79400E-002	0.00000E+000	1.16043E+002	1.16043E+002	3.75300E-002	0.00000E+000	1.16981E+002
Skid Steer Loaders	9.43000E-003	1.25200E-001	2.03610E-001	3.00000E-004	4.17000E-003	3.83000E-003	0.00000E+000	2.67398E+001	2.67398E+001	8.65000E-003	0.00000E+000	2.69560E+001
Tractors/Loaders/Backhoes	4.11500E-002	4.17560E-001	5.86780E-001	8.20000E-004	2.13600E-002	1.96500E-002	0.00000E+000	7.17838E+001	7.17838E+001	2.32200E-002	0.00000E+000	7.23642E+001
Trenchers	1.44900E-002	1.35060E-001	1.08870E-001	1.40000E-004	9.36000E-003	8.61000E-003	0.00000E+000	1.24665E+001	1.24665E+001	4.03000E-003	0.00000E+000	1.25673E+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	1.27800E-002	2.48710E-001	4.30010E-001	7.00000E-004	9.30000E-004	9.30000E-004	0.00000E+000	5.99163E+001	5.99163E+001	3.50000E-003	0.00000E+000	6.00039E+001
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	6.00000E-005	0.00000E+000	0.00000E+000	0.00000E+000	3.84952E+000	3.84952E+000	4.00000E-004	0.00000E+000	3.85951E+000
Excavators	1.09900E-002	3.93870E-001	6.77820E-001	8.90000E-004	1.47000E-003	1.47000E-003	0.00000E+000	7.84782E+001	7.84782E+001	2.53800E-002	0.00000E+000	7.91127E+001
Graders	9.25000E-003	1.49140E-001	3.00600E-001	5.70000E-004	9.20000E-004	9.20000E-004	0.00000E+000	4.97210E+001	4.97210E+001	1.60800E-002	0.00000E+000	5.01230E+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	5.97076E+000	5.97076E+000	1.93000E-003	0.00000E+000	6.01904E+000
Pavers	5.14000E-003	1.84270E-001	3.17110E-001	4.20000E-004	6.90000E-004	6.90000E-004	0.00000E+000	3.67528E+001	3.67528E+001	1.18900E-002	0.00000E+000	3.70500E+001
Paving Equipment	4.48000E-003	1.60370E-001	2.75990E-001	3.60000E-004	6.00000E-004	6.00000E-004	0.00000E+000	3.18490E+001	3.18490E+001	1.03000E-002	0.00000E+000	3.21065E+001
Pumps	5.06000E-003	9.85400E-002	1.70370E-001	2.80000E-004	3.70000E-004	3.70000E-004	0.00000E+000	2.37387E+001	2.37387E+001	1.08000E-003	0.00000E+000	2.37656E+001
Rollers	5.25000E-003	1.02120E-001	1.76560E-001	2.30000E-004	3.80000E-004	3.80000E-004	0.00000E+000	2.05173E+001	2.05173E+001	6.64000E-003	0.00000E+000	2.06832E+001
Rough Terrain Forklifts	1.34600E-002	2.61940E-001	4.52880E-001	6.00000E-004	9.80000E-004	9.80000E-004	0.00000E+000	5.25355E+001	5.25355E+001	1.69900E-002	0.00000E+000	5.29603E+001
Rubber Tired Dozers	1.06600E-002	1.71960E-001	3.46590E-001	6.50000E-004	1.07000E-003	1.07000E-003	0.00000E+000	5.73959E+001	5.73959E+001	1.85600E-002	0.00000E+000	5.78600E+001
Rubber Tired Loaders	6.70000E-003	1.08080E-001	2.17830E-001	4.10000E-004	6.70000E-004	6.70000E-004	0.00000E+000	3.57111E+001	3.57111E+001	1.15500E-002	0.00000E+000	3.59999E+001
Scrapers	2.16200E-002	3.48690E-001	7.02790E-001	1.32000E-003	2.16000E-003	2.16000E-003	0.00000E+000	1.16043E+002	1.16043E+002	3.75300E-002	0.00000E+000	1.16981E+002
Skid Steer Loaders	7.48000E-003	1.70850E-001	2.30710E-001	3.00000E-004	6.98000E-003	6.98000E-003	0.00000E+000	2.67397E+001	2.67397E+001	8.65000E-003	0.00000E+000	2.69559E+001
Tractors/Loaders/Backhoes	1.82800E-002	3.55580E-001	6.14790E-001	8.20000E-004	1.33000E-003	1.33000E-003	0.00000E+000	7.17837E+001	7.17837E+001	2.32200E-002	0.00000E+000	7.23641E+001
Trenchers	3.18000E-003	6.18200E-002	1.06890E-001	1.40000E-004	2.30000E-004	2.30000E-004	0.00000E+000	1.24665E+001	1.24665E+001	4.03000E-003	0.00000E+000	1.25673E+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	7.09479E-001	1.65795E-001	-1.19787E-002	0.00000E+000	9.40840E-001	9.40840E-001	0.00000E+000	1.16830E-006	1.16830E-006	0.00000E+000	0.00000E+000	1.16659E-006
Cement and Mortar Mixers	1.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Excavators	6.79405E-001	-3.34248E-001	-2.03345E-001	0.00000E+000	8.97346E-001	8.88467E-001	0.00000E+000	1.14681E-006	1.14681E-006	0.00000E+000	0.00000E+000	1.13762E-006
Graders	7.26897E-001	6.44193E-001	-1.06428E+000	0.00000E+000	9.31599E-001	9.25627E-001	0.00000E+000	1.20673E-006	1.20673E-006	0.00000E+000	0.00000E+000	1.19705E-006
Other Construction Equipment	7.97101E-001	2.82106E-001	-1.72773E-001	0.00000E+000	9.49772E-001	9.45274E-001	0.00000E+000	1.67483E-006	1.67483E-006	0.00000E+000	0.00000E+000	0.00000E+000
Pavers	6.95678E-001	-1.21341E-001	-2.34708E-001	0.00000E+000	9.10622E-001	9.02817E-001	0.00000E+000	1.08835E-006	1.08835E-006	0.00000E+000	0.00000E+000	1.34953E-006
Paving Equipment	7.02523E-001	-1.43866E-001	-2.11279E-001	0.00000E+000	9.11894E-001	9.04153E-001	0.00000E+000	1.25593E-006	1.25593E-006	0.00000E+000	0.00000E+000	1.24585E-006
Pumps	6.26568E-001	1.34703E-001	-8.92526E-002	0.00000E+000	9.32605E-001	9.32605E-001	0.00000E+000	1.26376E-006	1.26376E-006	0.00000E+000	0.00000E+000	1.26233E-006
Rollers	6.11111E-001	2.77436E-001	-7.13592E-002	0.00000E+000	9.50649E-001	9.46403E-001	0.00000E+000	1.46218E-006	1.46218E-006	0.00000E+000	0.00000E+000	1.45045E-006
Rough Terrain Forklifts	2.57584E-001	-9.31475E-002	-1.40871E-001	0.00000E+000	8.70199E-001	8.58993E-001	0.00000E+000	1.14208E-006	1.14208E-006	0.00000E+000	0.00000E+000	1.32174E-006
Rubber Tired Dozers	8.33542E-001	7.44377E-001	-2.64835E-001	0.00000E+000	9.66489E-001	9.63568E-001	0.00000E+000	1.21960E-006	1.21960E-006	0.00000E+000	0.00000E+000	1.20982E-006
Rubber Tired Loaders	6.33078E-001	4.14486E-001	-1.20409E+000	0.00000E+000	8.91761E-001	8.82250E-001	0.00000E+000	1.12010E-006	1.12010E-006	0.00000E+000	0.00000E+000	1.11111E-006
Scrapers	6.96647E-001	5.51858E-001	-2.66996E-001	0.00000E+000	9.28877E-001	9.22691E-001	0.00000E+000	1.20645E-006	1.20645E-006	0.00000E+000	0.00000E+000	1.19677E-006
Skid Steer Loaders	2.06787E-001	-3.64617E-001	-1.33098E-001	0.00000E+000	-6.73861E-001	-8.22454E-001	0.00000E+000	1.12193E-006	1.12193E-006	0.00000E+000	0.00000E+000	1.11293E-006
Tractors/Loaders/Backhoes	5.55772E-001	1.48434E-001	-4.77351E-002	0.00000E+000	9.37734E-001	9.32316E-001	0.00000E+000	1.11446E-006	1.11446E-006	0.00000E+000	0.00000E+000	1.10552E-006
Trenchers	7.80538E-001	5.42278E-001	1.81868E-002	0.00000E+000	9.75427E-001	9.73287E-001	0.00000E+000	1.60430E-006	1.60430E-006	0.00000E+000	0.00000E+000	1.59143E-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		
No	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	0.41	0.16	0.16	0.06	0.61	0.61
Grading	Roads	0.55	0.06	0.24	0.02	0.57	0.56
Internal Open Space Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Internal Open Space Landscaping	Roads	0.04	0.00	0.02	0.00	0.55	0.53
P1 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.52
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	0.07	0.01	0.03	0.00	0.56	0.53
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	0.02	0.00	0.01	0.00	0.55	0.53
P1 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Paving	Roads	0.03	0.00	0.02	0.00	0.55	0.53
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	0.01	0.00	0.56	0.53
P2 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.53
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	0.07	0.01	0.03	0.00	0.56	0.53
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	0.02	0.00	0.01	0.00	0.55	0.53
P2 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Paving	Roads	0.04	0.00	0.02	0.00	0.55	0.52
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	0.02	0.00	0.01	0.00	0.55	0.53
P3 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.53
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	0.09	0.01	0.04	0.00	0.56	0.53

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	0.01	0.00	0.56	0.53
P3 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Paving	Roads	0.02	0.00	0.01	0.00	0.55	0.53
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	0.01	0.00	0.56	0.53
P4 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Architectural Coating	Roads	0.02	0.00	0.01	0.00	0.55	0.53
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	0.09	0.01	0.04	0.00	0.56	0.53
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	0.01	0.00	0.56	0.53
P4 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Paving	Roads	0.04	0.00	0.02	0.00	0.55	0.52
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	0.03	0.00	0.01	0.00	0.56	0.53
Site Preparation	Fugitive Dust	0.20	0.11	0.08	0.04	0.61	0.61
Site Preparation	Roads	0.03	0.00	0.01	0.00	0.55	0.53
Utilities	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Utilities	Roads	0.13	0.01	0.06	0.01	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	
Yes	Use Low VOC Paint (Residential Interior)	250.00
Yes	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	0.00
No	% Electric Leafblower	0.00
No	% Electric Chainsaw	0.00

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	0.00	0.00
No	Use Reclaimed Water	0.00	0.00
No	Use Grey Water	0.00	
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	0.00	
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape	0.00	0.00

Solid Waste Mitigation

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

CalEEMod Input Sheet
Project Characteristics

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	Proctor Valley EIR - North Village Residential (P1-4)	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	1-Jun-22	North Village Schedule	Proctor Valley EIR Assumptions
Operational Year	2026	North 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)	454.71	Adjusted for RPS	
CH4 Intensity Factor (lb./Mwh)	default		
N20 Intensity Factor (lb./Mwh)	default		
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	--	--

CalEEMod Input Sheet
Project Characteristics

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**
Site Preparation	Site Preparation	1-Jun-22	30-Jun-22	5 days/week	22
Grading	Grading	1-Jul-22	31-Oct-22	5 days/week	87
Utilities	Site Preparation	1-Oct-22	31-Mar-23	5 days/week	130
Internal Open Space Landscaping	Site Preparation	1-Jan-23	28-Feb-23	5 days/week	42
P1 Site Preparation (mo. 1)	Site Preparation	1-Feb-23	28-Feb-23	5 days/week	20
P1 Building Construction 1 (mo. 2-4)	Building Construction	1-Mar-23	31-May-23	5 days/week	66
P1 Building Construction 2 (mo. 5)	Building Construction	1-Jun-23	30-Jun-23	5 days/week	22
P1 Paving	Paving	1-Jan-23	31-Jan-23	5 days/week	22
P1 Architectural Coating	Architectural Coating	1-Apr-23	31-May-23	5 days/week	43
P2 Site Preparation (mo. 1)	Site Preparation	1-Jun-23	30-Jun-23	5 days/week	22
P2 Building Construction 1 (mo. 2-4)	Building Construction	1-Jul-23	30-Sep-23	5 days/week	65
P2 Building Construction 2 (mo. 5)	Building Construction	1-Oct-23	31-Oct-23	5 days/week	22
P2 Paving	Paving	1-May-23	31-May-23	5 days/week	23
P2 Architectural Coating	Architectural Coating	1-Aug-23	30-Sep-23	5 days/week	44
P3 Site Preparation (mo. 1)	Site Preparation	1-Oct-23	31-Oct-23	5 days/week	22
P3 Building Construction 1 (mo. 2-4)	Building Construction	1-Nov-23	31-Jan-24	5 days/week	66
P3 Building Construction 2 (mo. 5)	Building Construction	1-Feb-24	28-Feb-24	5 days/week	20
P3 Paving	Paving	1-Sep-23	30-Sep-23	5 days/week	21
P3 Architectural Coating	Architectural Coating	1-Dec-23	31-Jan-24	5 days/week	44
P4 Site Preparation (mo. 1)	Site Preparation	1-Feb-24	28-Feb-24	5 days/week	20
P4 Building Construction 1 (mo. 2-4)	Building Construction	1-Mar-24	31-May-24	5 days/week	66
P4 Building Construction 2 (mo. 5)	Building Construction	1-Jun-24	30-Jun-24	5 days/week	20
P4 Paving	Paving	1-Jan-24	31-Jan-24	5 days/week	23
P4 Architectural Coating	Architectural Coating	1-Apr-24	31-May-24	5 days/week	45

CalEEMod Input Sheet
Construction Phase

Table 6: Off-Road Equipment					
Phase Name	**Equipment Type**	**Unit Amount**	**Hours/Day**	**Horsepower (hp)**	**Load Factor**
Site Preparation	Rubber Tired Dozer	default	8	default	
	Tractor/Loader/Backhoe				
	Other Construction Equipment (brush grinder)				
Grading	default				
Utilities	Excavator	1			
	Rubber Tired Loader	1			
Internal Open Space Landscaping	Skid Steer Loaders	1			
	Excavator	1			
All Phases Site Preparation (mo. 1)	Grader	1			
	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 Paving	default				
All Phases Architectural Coating	Air Compressor	2			

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**
Site Prep	default					--	default	
Grading	default	--	cubic yards	default				

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

CalEEMod Input Sheet
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			1215		2				MHDT
Utilities	Refer to Construction VMT worksheet								
Internal Open Space Landscaping									
All Phases Site Preparation (									
All Phases Building Construction 1 (mo. 2-4)									
All Phases Building Construction 2 (mo. 5)									
All Phases Paving									
All Phases Architectural Coating									

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)**
Site Preparation								
Grading			0					
Utilities								
Internal Open Space Landscaping								
All Phases Site Preparation (								
						default		
All Phases Building Construction 1 (mo. 2-4)								
All Phases Building Construction 2 (mo. 5)								
All Phases Paving								
All Phases Architectural Coating								

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)
P1 Architectural Coating	50	163,545	100	54,515	N/A	0	N/A	0	N/A	default
P2 Architectural Coating	50	136,287	100	45,429	N/A	0	N/A	0	N/A	
P3 Architectural Coating	50	181,716	100	60,572	N/A	0	N/A	0	N/A	
P4 Architectural Coating	50	181,716	100	60,572	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)**
Teir 4 Interim						

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 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)**
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	--

Proctor Valley EIR - North Residential (P5-7)

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	49.00	Dwelling Unit	25.10	219,863.00	135
Single Family Housing	61.00	Dwelling Unit	28.30	273,707.00	168

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2026
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	427.49	**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 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Construction Phase - Refer to CalEEMod Input Matrix Table 5

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

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

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

Off-road Equipment -

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

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

Off-road Equipment -

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

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

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

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

Off-road Equipment -

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

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

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

Off-road Equipment -

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

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

Vehicle Trips - Refer to CalEEMod Input Matrix Table

Woodstoves - Refer to CalEEMod Input Matrix Table

Area Coating - Refer to CalEEMod Input Matrix Table

Energy Use - Refer to CalEEMod Input Matrix Table

Area Mitigation - Refer to CalEEMod Input Matrix Table

Waste Mitigation - 75% waste diversion consistent with AB 341 (not mitigation)

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	333,160.00	24,229.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	333,160.00	63,601.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	333,160.00	24,229.00
tblArchitecturalCoating	ConstArea_Residential_Interior	999,479.00	72,686.00
tblArchitecturalCoating	ConstArea_Residential_Interior	999,479.00	190,802.00
tblArchitecturalCoating	ConstArea_Residential_Interior	999,479.00	72,686.00

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_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Parking	250	0
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	150
tblEnergyUse	LightingElect	1,608.84	993.00
tblEnergyUse	NT24E	6,680.41	2,371.00
tblEnergyUse	NT24NG	4,180.00	4,500.00
tblEnergyUse	T24E	374.93	971.00
tblEnergyUse	T24NG	24,312.55	22,000.00
tblFireplaces	NumberGas	60.50	110.00
tblFireplaces	NumberNoFireplace	11.00	0.00
tblFireplaces	NumberWood	38.50	0.00
tblLandUse	BuildingSpaceSquareFeet	88,200.00	219,863.00
tblLandUse	BuildingSpaceSquareFeet	109,800.00	273,707.00
tblLandUse	LandUseSquareFeet	88,200.00	219,863.00
tblLandUse	LandUseSquareFeet	109,800.00	273,707.00
tblLandUse	LotAcreage	15.91	25.10

tblLandUse	LotAcreage	19.81	28.30
tblLandUse	Population	140.00	135.00
tblLandUse	Population	174.00	168.00
tblOffRoadEquipment	HorsePower	9.00	84.00
tblOffRoadEquipment	HorsePower	9.00	84.00
tblOffRoadEquipment	HorsePower	9.00	84.00
tblOffRoadEquipment	HorsePower	187.00	247.00
tblOffRoadEquipment	HorsePower	187.00	247.00
tblOffRoadEquipment	HorsePower	187.00	247.00
tblOffRoadEquipment	HorsePower	100.00	231.00
tblOffRoadEquipment	HorsePower	100.00	231.00
tblOffRoadEquipment	HorsePower	100.00	231.00
tblOffRoadEquipment	HorsePower	100.00	231.00
tblOffRoadEquipment	HorsePower	100.00	231.00
tblOffRoadEquipment	HorsePower	100.00	231.00
tblOffRoadEquipment	HorsePower	65.00	97.00
tblOffRoadEquipment	HorsePower	65.00	89.00
tblOffRoadEquipment	HorsePower	65.00	89.00
tblOffRoadEquipment	HorsePower	65.00	97.00
tblOffRoadEquipment	HorsePower	65.00	97.00
tblOffRoadEquipment	HorsePower	65.00	89.00
tblOffRoadEquipment	LoadFactor	0.56	0.74
tblOffRoadEquipment	LoadFactor	0.56	0.74
tblOffRoadEquipment	LoadFactor	0.56	0.74
tblOffRoadEquipment	LoadFactor	0.41	0.40
tblOffRoadEquipment	LoadFactor	0.41	0.40
tblOffRoadEquipment	LoadFactor	0.41	0.40

tblOffRoadEquipment	LoadFactor	0.40	0.29
tblOffRoadEquipment	LoadFactor	0.40	0.29
tblOffRoadEquipment	LoadFactor	0.40	0.29
tblOffRoadEquipment	LoadFactor	0.40	0.29
tblOffRoadEquipment	LoadFactor	0.40	0.29
tblOffRoadEquipment	LoadFactor	0.40	0.29
tblOffRoadEquipment	LoadFactor	0.37	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.20
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	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	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	PhaseName		P5 Site Preperation (mo. 1)

tblOffRoadEquipment	PhaseName		P6 Site Preperation (mo. 1)
tblOffRoadEquipment	PhaseName		P5 Site Preperation (mo. 1)
tblOffRoadEquipment	PhaseName		P6 Site Preperation (mo. 1)
tblOffRoadEquipment	PhaseName		P5 Site Preperation (mo. 1)
tblOffRoadEquipment	PhaseName		P6 Site Preperation (mo. 1)
tblOffRoadEquipment	PhaseName		P5 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P5 Site Preperation (mo. 1)
tblOffRoadEquipment	PhaseName		P6 Site Preperation (mo. 1)
tblOffRoadEquipment	PhaseName		P5 Site Preperation (mo. 1)
tblOffRoadEquipment	PhaseName		P6 Site Preperation (mo. 1)
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	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	427.49
tblProjectCharacteristics	OperationalYear	2018	2026
tblVehicleTrips	ST_TR	9.91	10.00
tblVehicleTrips	SU_TR	8.62	10.00
tblVehicleTrips	WD_TR	9.52	10.00
tblWoodstoves	NumberCatalytic	5.50	0.00
tblWoodstoves	NumberNoncatalytic	5.50	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.5196	0.7974	0.9222	1.8900e-003	0.2962	0.0334	0.3296	0.0311	0.0314	0.0625	0.0000	166.2085	166.2085	0.0401	0.0000	167.2119
2025	0.2683	0.5412	0.6692	1.4500e-003	0.2036	0.0202	0.2238	0.0214	0.0190	0.0404	0.0000	127.7625	127.7625	0.0302	0.0000	128.5177
Maximum	**0.5196**	**0.7974**	**0.9222**	**1.8900e-003**	**0.2962**	**0.0334**	**0.3296**	**0.0311**	**0.0314**	**0.0625**	**0.0000**	**166.2085**	**166.2085**	**0.0401**	**0.0000**	**167.2119**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.4700	0.6663	1.1530	1.8900e-003	0.1312	2.7600e-003	0.1340	0.0146	2.7600e-003	0.0173	0.0000	166.2083	166.2083	0.0401	0.0000	167.2118
2025	0.2375	0.5000	0.8628	1.4500e-003	0.0904	2.1100e-003	0.0925	0.0101	2.1000e-003	0.0122	0.0000	127.7623	127.7623	0.0302	0.0000	128.5176
Maximum	**0.4700**	**0.6663**	**1.1530**	**1.8900e-003**	**0.1312**	**2.7600e-003**	**0.1340**	**0.0146**	**2.7600e-003**	**0.0173**	**0.0000**	**166.2083**	**166.2083**	**0.0401**	**0.0000**	**167.2118**

	ROG	**NOx**	**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	**10.22**	**12.87**	**-26.67**	**0.00**	**55.66**	**90.92**	**59.08**	**53.11**	**90.36**	**71.37**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
8	**3-1-2024**	**5-31-2024**	0.1251	0.1236
9	**6-1-2024**	**8-31-2024**	0.0813	0.0716
10	**9-1-2024**	**11-30-2024**	0.1944	0.1862
11	**12-1-2024**	**2-28-2025**	0.2268	0.2266
12	**3-1-2025**	**5-31-2025**	0.1163	0.1056
13	**6-1-2025**	**8-31-2025**	0.0357	0.0343
		Highest	0.2268	0.2266

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.1627	0.1590	0.8797	1.0000e-003		0.0166	0.0166		0.0166	0.0166	0.0000	174.6171	174.6171	4.6000e-003	3.1800e-003	175.6788
Energy	0.0157	0.1343	0.0572	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	248.0197	248.0197	9.2500e-003	4.1500e-003	249.4876
Mobile	0.4634	1.9405	5.5602	0.0221	1.3566	0.0159	1.3725	0.3856	0.0148	0.4004	0.0000	2,050.7815	2,050.7815	0.0999	0.0000	2,053.2789
Waste						0.0000	0.0000		0.0000	0.0000	25.2176	0.0000	25.2176	1.4903	0.0000	62.4755
Water						0.0000	0.0000		0.0000	0.0000	2.2737	27.8292	30.1030	0.2354	5.9000e-003	37.7482
Total	**2.6418**	**2.2338**	**6.4970**	**0.0240**	**1.3566**	**0.0434**	**1.4000**	**0.3856**	**0.0423**	**0.4279**	**27.4913**	**2,501.2475**	**2,528.7388**	**1.8395**	**0.0132**	**2,578.6689**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.4329	0.1590	0.8797	1.0000e-003		0.0166	0.0166		0.0166	0.0166	0.0000	174.6171	174.6171	4.6000e-003	3.1800e-003	175.6788
Energy	0.0157	0.1343	0.0572	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	248.0197	248.0197	9.2500e-003	4.1500e-003	249.4876
Mobile	0.4634	1.9405	5.5602	0.0221	1.3566	0.0159	1.3725	0.3856	0.0148	0.4004	0.0000	2,050.7815	2,050.7815	0.0999	0.0000	2,053.2789
Waste						0.0000	0.0000		0.0000	0.0000	6.3044	0.0000	6.3044	0.3726	0.0000	15.6189
Water						0.0000	0.0000		0.0000	0.0000	2.2737	27.8292	30.1030	0.2354	5.9000e-003	37.7482
Total	**2.9121**	**2.2338**	**6.4970**	**0.0240**	**1.3566**	**0.0434**	**1.4000**	**0.3856**	**0.0423**	**0.4279**	**8.5781**	**2,501.2475**	**2,509.8256**	**0.7218**	**0.0132**	**2,531.8123**

	ROG	NOx	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	**-10.23**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**68.80**	**0.00**	**0.75**	**60.76**	**0.00**	**1.82**

3.0 Construction Detail

Construction Phase

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	P5 Paving	Paving	5/1/2024	5/31/2024	5	23	
2	P5 Site Preperation (mo. 1)	Site Preparation	6/1/2024	6/30/2024	5	20	
3	P5 Building Construction 1 (mo. 2 -4)	Building Construction	7/1/2024	9/30/2024	5	66	
4	P5 Architecutal Coating	Architectural Coating	8/1/2024	9/30/2024	5	43	
5	P6 Paving	Paving	9/1/2024	9/30/2024	5	21	
6	P6 Site Preperation (mo. 1)	Site Preparation	10/1/2024	10/31/2024	5	23	
7	P5 Building Construction 2 (mo. 5)	Building Construction	10/1/2024	10/31/2024	5	23	
8	P6 Building Construction 1 (mo. 2 -4)	Building Construction	11/30/2024	1/31/2025	5	45	
9	P6 Architecutal Coating	Architectural Coating	12/1/2024	1/31/2025	5	45	
10	P7 Paving	Paving	1/1/2025	1/31/2025	5	23	
11	P7 Site Preperation (mo. 1)	Site Preparation	2/1/2025	2/28/2025	5	20	
12	P6 Building Construction 2 (mo. 5)	Building Construction	2/1/2025	2/28/2025	5	20	
13	P7 Building Construction 1 (mo. 2 -4)	Building Construction	3/1/2025	5/31/2025	5	65	
14	P7 Architecutal Coating	Architectural Coating	4/1/2025	5/31/2025	5	44	
15	P7 Building Construction 2 (mo. 5)	Building Construction	6/1/2025	6/30/2025	5	21	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 190,802; Residential Outdoor: 63,601; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P5 Paving	Pavers	2	8.00	130	0.42

P5 Paving	Paving Equipment	2	8.00	132	0.36
P5 Paving	Rollers	2	8.00	80	0.38
P5 Site Preperation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Site Preperation (mo. 1)	Graders	1	8.00	247	0.40
P5 Site Preperation (mo. 1)	Pumps	1	8.00	84	0.74
P5 Site Preperation (mo. 1)	Skid Steer Loaders	1	8.00	97	0.37
P5 Site Preperation (mo. 1)	Trenchers	1	8.00	78	0.50
P5 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	231	0.29
P5 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P5 Architecutal Coating	Air Compressors	2	8.00	78	0.48
P6 Paving	Pavers	2	8.00	130	0.42
P6 Paving	Paving Equipment	2	8.00	132	0.36
P6 Paving	Rollers	2	8.00	80	0.38
P6 Site Preperation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P6 Site Preperation (mo. 1)	Graders	1	8.00	247	0.40
P6 Site Preperation (mo. 1)	Pumps	1	8.00	84	0.74
P6 Site Preperation (mo. 1)	Skid Steer Loaders	1	8.00	97	0.37
P6 Site Preperation (mo. 1)	Trenchers	1	8.00	78	0.50
P5 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	84	0.74
P5 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	231	0.29
P5 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	89	0.20
P6 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	231	0.29
P6 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P6 Architecutal Coating	Air Compressors	2	8.00	78	0.48
P7 Paving	Pavers	2	8.00	130	0.42
P7 Paving	Paving Equipment	2	8.00	132	0.36
P7 Paving	Rollers	2	8.00	80	0.38

P7 Site Preperation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Site Preperation (mo. 1)	Graders	1	8.00	247	0.40
P7 Site Preperation (mo. 1)	Pumps	1	8.00	84	0.74
P7 Site Preperation (mo. 1)	Skid Steer Loaders	1	8.00	97	0.37
P7 Site Preperation (mo. 1)	Trenchers	1	8.00	78	0.50
P6 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	84	0.74
P6 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	231	0.29
P6 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	89	0.20
P7 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	231	0.29
P7 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P7 Architecutal Coating	Air Compressors	2	8.00	78	0.48
P7 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	84	0.74
P7 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	231	0.29
P7 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	89	0.20

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
P5 Paving	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Site Preperation (mo. 1)	0	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 1 (mo. 2-	0	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Architecutal Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Paving	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Site Preperation (mo. 1)	0	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 2 (mo. 5)	0	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 1 (mo. 2-	0	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Architecutal Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Paving	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Site Preperation (mo. 1)	0	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 2 (mo. 5)	0	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 1 (mo. 2-	0	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Architecutal Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 2 (mo. 5)	0	4.00	2.00	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 P5 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1095	0.1682	2.6000e-004		5.3900e-003	5.3900e-003		4.9600e-003	4.9600e-003	0.0000	23.0305	23.0305	7.4500e-003	0.0000	23.2167
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0114**	**0.1095**	**0.1682**	**2.6000e-004**		**5.3900e-003**	**5.3900e-003**		**4.9600e-003**	**4.9600e-003**	**0.0000**	**23.0305**	**23.0305**	**7.4500e-003**	**0.0000**	**23.2167**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	8.6400e-003	2.6300e-003	3.0000e-005	0.0228	1.0000e-005	0.0228	2.4100e-003	1.0000e-005	2.4200e-003	0.0000	2.8847	2.8847	1.9000e-004	0.0000	2.8895
Worker	1.4000e-004	9.0000e-005	9.2000e-004	0.0000	0.0134	0.0000	0.0134	1.4000e-003	0.0000	1.4000e-003	0.0000	0.2868	0.2868	1.0000e-005	0.0000	0.2870
Total	**3.9000e-004**	**8.7300e-003**	**3.5500e-003**	**3.0000e-005**	**0.0361**	**1.0000e-005**	**0.0362**	**3.8100e-003**	**1.0000e-005**	**3.8200e-003**	**0.0000**	**3.1715**	**3.1715**	**2.0000e-004**	**0.0000**	**3.1765**

3.2 P5 Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.8400e-003	0.1155	0.1989	2.6000e-004		4.3000e-004	4.3000e-004		4.3000e-004	4.3000e-004	0.0000	23.0305	23.0305	7.4500e-003	0.0000	23.2167
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.8400e-003**	**0.1155**	**0.1989**	**2.6000e-004**		**4.3000e-004**	**4.3000e-004**		**4.3000e-004**	**4.3000e-004**	**0.0000**	**23.0305**	**23.0305**	**7.4500e-003**	**0.0000**	**23.2167**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	8.6400e-003	2.6300e-003	3.0000e-005	0.0102	1.0000e-005	0.0102	1.1600e-003	1.0000e-005	1.1700e-003	0.0000	2.8847	2.8847	1.9000e-004	0.0000	2.8895
Worker	1.4000e-004	9.0000e-005	9.2000e-004	0.0000	5.9400e-003	0.0000	5.9500e-003	6.5000e-004	0.0000	6.5000e-004	0.0000	0.2868	0.2868	1.0000e-005	0.0000	0.2870
Total	**3.9000e-004**	**8.7300e-003**	**3.5500e-003**	**3.0000e-005**	**0.0161**	**1.0000e-005**	**0.0161**	**1.8100e-003**	**1.0000e-005**	**1.8200e-003**	**0.0000**	**3.1715**	**3.1715**	**2.0000e-004**	**0.0000**	**3.1765**

3.3 P5 Site Preperation (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	tons/yr										MT/yr					
Fugitive Dust					5.3000e-003	0.0000	5.3000e-003	5.7000e-004	0.0000	5.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0126	0.1270	0.1082	2.2000e-004		5.6400e-003	5.6400e-003		5.2900e-003	5.2900e-003	0.0000	19.2813	19.2813	4.5600e-003	0.0000	19.3952
Total	**0.0126**	**0.1270**	**0.1082**	**2.2000e-004**	**5.3000e-003**	**5.6400e-003**	**0.0109**	**5.7000e-004**	**5.2900e-003**	**5.8600e-003**	**0.0000**	**19.2813**	**19.2813**	**4.5600e-003**	**0.0000**	**19.3952**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.5000e-003	4.6000e-004	1.0000e-005	3.9600e-003	0.0000	3.9600e-003	4.2000e-004	0.0000	4.2000e-004	0.0000	0.5017	0.5017	3.0000e-005	0.0000	0.5025
Worker	2.4000e-004	1.5000e-004	1.6100e-003	1.0000e-005	0.0233	0.0000	0.0233	2.4300e-003	0.0000	2.4300e-003	0.0000	0.4988	0.4988	1.0000e-005	0.0000	0.4991
Total	**2.8000e-004**	**1.6500e-003**	**2.0700e-003**	**2.0000e-005**	**0.0272**	**0.0000**	**0.0272**	**2.8500e-003**	**0.0000**	**2.8500e-003**	**0.0000**	**1.0005**	**1.0005**	**4.0000e-005**	**0.0000**	**1.0017**

3.3 P5 Site Preperation (mo. 1) - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0700e-003	0.0000	2.0700e-003	2.2000e-004	0.0000	2.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.0500e-003	0.0742	0.1347	2.2000e-004		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004	0.0000	19.2813	19.2813	4.5600e-003	0.0000	19.3952
Total	**4.0500e-003**	**0.0742**	**0.1347**	**2.2000e-004**	**2.0700e-003**	**3.3000e-004**	**2.4000e-003**	**2.2000e-004**	**3.3000e-004**	**5.5000e-004**	**0.0000**	**19.2813**	**19.2813**	**4.5600e-003**	**0.0000**	**19.3952**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.5000e-003	4.6000e-004	1.0000e-005	1.7700e-003	0.0000	1.7700e-003	2.0000e-004	0.0000	2.0000e-004	0.0000	0.5017	0.5017	3.0000e-005	0.0000	0.5025
Worker	2.4000e-004	1.5000e-004	1.6100e-003	1.0000e-005	0.0103	0.0000	0.0103	1.1300e-003	0.0000	1.1400e-003	0.0000	0.4988	0.4988	1.0000e-005	0.0000	0.4991
Total	**2.8000e-004**	**1.6500e-003**	**2.0700e-003**	**2.0000e-005**	**0.0121**	**0.0000**	**0.0121**	**1.3300e-003**	**0.0000**	**1.3400e-003**	**0.0000**	**1.0005**	**1.0005**	**4.0000e-005**	**0.0000**	**1.0017**

3.4 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	tons/yr										MT/yr					
Off-Road	9.3900e-003	0.1055	0.1126	2.9000e-004		3.5500e-003	3.5500e-003		3.2700e-003	3.2700e-003	0.0000	25.7592	25.7592	8.3300e-003	0.0000	25.9674
Total	**9.3900e-003**	**0.1055**	**0.1126**	**2.9000e-004**		**3.5500e-003**	**3.5500e-003**		**3.2700e-003**	**3.2700e-003**	**0.0000**	**25.7592**	**25.7592**	**8.3300e-003**	**0.0000**	**25.9674**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.9600e-003	1.5100e-003	2.0000e-005	0.0131	1.0000e-005	0.0131	1.3800e-003	1.0000e-005	1.3900e-003	0.0000	1.6556	1.6556	1.1000e-004	0.0000	1.6584
Worker	7.8000e-004	5.0000e-004	5.3000e-003	2.0000e-005	0.0768	1.0000e-005	0.0768	8.0100e-003	1.0000e-005	8.0200e-003	0.0000	1.6461	1.6461	4.0000e-005	0.0000	1.6471
Total	**9.2000e-004**	**5.4600e-003**	**6.8100e-003**	**4.0000e-005**	**0.0899**	**2.0000e-005**	**0.0899**	**9.3900e-003**	**2.0000e-005**	**9.4100e-003**	**0.0000**	**3.3016**	**3.3016**	**1.5000e-004**	**0.0000**	**3.3054**

3.4 P5 Building Construction 1 (mo. 2-4) - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.4200e-003	0.0950	0.1787	2.9000e-004		4.8000e-004	4.8000e-004		4.8000e-004	4.8000e-004	0.0000	25.7591	25.7591	8.3300e-003	0.0000	25.9674
Total	**5.4200e-003**	**0.0950**	**0.1787**	**2.9000e-004**		**4.8000e-004**	**4.8000e-004**		**4.8000e-004**	**4.8000e-004**	**0.0000**	**25.7591**	**25.7591**	**8.3300e-003**	**0.0000**	**25.9674**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.9600e-003	1.5100e-003	2.0000e-005	5.8400e-003	1.0000e-005	5.8500e-003	6.6000e-004	1.0000e-005	6.7000e-004	0.0000	1.6556	1.6556	1.1000e-004	0.0000	1.6584
Worker	7.8000e-004	5.0000e-004	5.3000e-003	2.0000e-005	0.0341	1.0000e-005	0.0341	3.7400e-003	1.0000e-005	3.7600e-003	0.0000	1.6461	1.6461	4.0000e-005	0.0000	1.6471
Total	**9.2000e-004**	**5.4600e-003**	**6.8100e-003**	**4.0000e-005**	**0.0400**	**2.0000e-005**	**0.0400**	**4.4000e-003**	**2.0000e-005**	**4.4300e-003**	**0.0000**	**3.3016**	**3.3016**	**1.5000e-004**	**0.0000**	**3.3054**

3.5 P5 Architecutal 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	tons/yr										MT/yr					
Archit. Coating	0.3685					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0104	0.0699	0.1038	1.7000e-004		3.4900e-003	3.4900e-003		3.4900e-003	3.4900e-003	0.0000	14.6387	14.6387	8.2000e-004	0.0000	14.6593
Total	**0.3789**	**0.0699**	**0.1038**	**1.7000e-004**		**3.4900e-003**	**3.4900e-003**		**3.4900e-003**	**3.4900e-003**	**0.0000**	**14.6387**	**14.6387**	**8.2000e-004**	**0.0000**	**14.6593**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8000e-004	6.4600e-003	1.9700e-003	2.0000e-005	0.0170	1.0000e-005	0.0170	1.8000e-003	1.0000e-005	1.8100e-003	0.0000	2.1572	2.1572	1.5000e-004	0.0000	2.1609
Worker	1.3000e-004	8.0000e-005	8.6000e-004	0.0000	0.0125	0.0000	0.0125	1.3000e-003	0.0000	1.3100e-003	0.0000	0.2681	0.2681	1.0000e-005	0.0000	0.2683
Total	**3.1000e-004**	**6.5400e-003**	**2.8300e-003**	**2.0000e-005**	**0.0295**	**1.0000e-005**	**0.0295**	**3.1000e-003**	**1.0000e-005**	**3.1200e-003**	**0.0000**	**2.4253**	**2.4253**	**1.6000e-004**	**0.0000**	**2.4292**

3.5 P5 Architecutal Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3685					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1200e-003	0.0608	0.1051	1.7000e-004		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	14.6386	14.6386	8.2000e-004	0.0000	14.6592
Total	**0.3716**	**0.0608**	**0.1051**	**1.7000e-004**		**2.3000e-004**	**2.3000e-004**		**2.3000e-004**	**2.3000e-004**	**0.0000**	**14.6386**	**14.6386**	**8.2000e-004**	**0.0000**	**14.6592**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8000e-004	6.4600e-003	1.9700e-003	2.0000e-005	7.6100e-003	1.0000e-005	7.6200e-003	8.7000e-004	1.0000e-005	8.7000e-004	0.0000	2.1572	2.1572	1.5000e-004	0.0000	2.1609
Worker	1.3000e-004	8.0000e-005	8.6000e-004	0.0000	5.5600e-003	0.0000	5.5600e-003	6.1000e-004	0.0000	6.1000e-004	0.0000	0.2681	0.2681	1.0000e-005	0.0000	0.2683
Total	**3.1000e-004**	**6.5400e-003**	**2.8300e-003**	**2.0000e-005**	**0.0132**	**1.0000e-005**	**0.0132**	**1.4800e-003**	**1.0000e-005**	**1.4800e-003**	**0.0000**	**2.4253**	**2.4253**	**1.6000e-004**	**0.0000**	**2.4292**

3.6 P6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0104	0.1000	0.1536	2.4000e-004		4.9200e-003	4.9200e-003		4.5300e-003	4.5300e-003	0.0000	21.0279	21.0279	6.8000e-003	0.0000	21.1979
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0104**	**0.1000**	**0.1536**	**2.4000e-004**		**4.9200e-003**	**4.9200e-003**		**4.5300e-003**	**4.5300e-003**	**0.0000**	**21.0279**	**21.0279**	**6.8000e-003**	**0.0000**	**21.1979**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	3.1600e-003	9.6000e-004	1.0000e-005	8.3100e-003	0.0000	8.3100e-003	8.8000e-004	0.0000	8.8000e-004	0.0000	1.0535	1.0535	7.0000e-005	0.0000	1.0553
Worker	1.2000e-004	8.0000e-005	8.4000e-004	0.0000	0.0122	0.0000	0.0122	1.2700e-003	0.0000	1.2800e-003	0.0000	0.2619	0.2619	1.0000e-005	0.0000	0.2620
Total	**2.1000e-004**	**3.2400e-003**	**1.8000e-003**	**1.0000e-005**	**0.0205**	**0.0000**	**0.0205**	**2.1500e-003**	**0.0000**	**2.1600e-003**	**0.0000**	**1.3154**	**1.3154**	**8.0000e-005**	**0.0000**	**1.3174**

3.6 P6 Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.5100e-003	0.1054	0.1816	2.4000e-004		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	21.0278	21.0278	6.8000e-003	0.0000	21.1979
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.5100e-003**	**0.1054**	**0.1816**	**2.4000e-004**		**3.9000e-004**	**3.9000e-004**		**3.9000e-004**	**3.9000e-004**	**0.0000**	**21.0278**	**21.0278**	**6.8000e-003**	**0.0000**	**21.1979**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	3.1600e-003	9.6000e-004	1.0000e-005	3.7200e-003	0.0000	3.7200e-003	4.2000e-004	0.0000	4.3000e-004	0.0000	1.0535	1.0535	7.0000e-005	0.0000	1.0553
Worker	1.2000e-004	8.0000e-005	8.4000e-004	0.0000	5.4300e-003	0.0000	5.4300e-003	6.0000e-004	0.0000	6.0000e-004	0.0000	0.2619	0.2619	1.0000e-005	0.0000	0.2620
Total	**2.1000e-004**	**3.2400e-003**	**1.8000e-003**	**1.0000e-005**	**9.1500e-003**	**0.0000**	**9.1500e-003**	**1.0200e-003**	**0.0000**	**1.0300e-003**	**0.0000**	**1.3154**	**1.3154**	**8.0000e-005**	**0.0000**	**1.3174**

3.7 P6 Site Preperation (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	tons/yr										MT/yr					
Fugitive Dust					6.1000e-003	0.0000	6.1000e-003	6.6000e-004	0.0000	6.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0144	0.1460	0.1244	2.6000e-004		6.4800e-003	6.4800e-003		6.0800e-003	6.0800e-003	0.0000	22.1735	22.1735	5.2400e-003	0.0000	22.3045
Total	**0.0144**	**0.1460**	**0.1244**	**2.6000e-004**	**6.1000e-003**	**6.4800e-003**	**0.0126**	**6.6000e-004**	**6.0800e-003**	**6.7400e-003**	**0.0000**	**22.1735**	**22.1735**	**5.2400e-003**	**0.0000**	**22.3045**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.7300e-003	5.3000e-004	1.0000e-005	4.5500e-003	0.0000	4.5500e-003	4.8000e-004	0.0000	4.8000e-004	0.0000	0.5769	0.5769	4.0000e-005	0.0000	0.5779
Worker	1.4000e-004	9.0000e-005	9.2000e-004	0.0000	0.0134	0.0000	0.0134	1.4000e-003	0.0000	1.4000e-003	0.0000	0.2868	0.2868	1.0000e-005	0.0000	0.2870
Total	**1.9000e-004**	**1.8200e-003**	**1.4500e-003**	**1.0000e-005**	**0.0179**	**0.0000**	**0.0179**	**1.8800e-003**	**0.0000**	**1.8800e-003**	**0.0000**	**0.8638**	**0.8638**	**5.0000e-005**	**0.0000**	**0.8649**

3.7 P6 Site Preperation (mo. 1) - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.3800e-003	0.0000	2.3800e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.6600e-003	0.0853	0.1550	2.6000e-004		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004	0.0000	22.1735	22.1735	5.2400e-003	0.0000	22.3045
Total	**4.6600e-003**	**0.0853**	**0.1550**	**2.6000e-004**	**2.3800e-003**	**3.8000e-004**	**2.7600e-003**	**2.6000e-004**	**3.8000e-004**	**6.4000e-004**	**0.0000**	**22.1735**	**22.1735**	**5.2400e-003**	**0.0000**	**22.3045**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.7300e-003	5.3000e-004	1.0000e-005	2.0400e-003	0.0000	2.0400e-003	2.3000e-004	0.0000	2.3000e-004	0.0000	0.5769	0.5769	4.0000e-005	0.0000	0.5779
Worker	1.4000e-004	9.0000e-005	9.2000e-004	0.0000	5.9400e-003	0.0000	5.9500e-003	6.5000e-004	0.0000	6.5000e-004	0.0000	0.2868	0.2868	1.0000e-005	0.0000	0.2870
Total	**1.9000e-004**	**1.8200e-003**	**1.4500e-003**	**1.0000e-005**	**7.9800e-003**	**0.0000**	**7.9900e-003**	**8.8000e-004**	**0.0000**	**8.8000e-004**	**0.0000**	**0.8638**	**0.8638**	**5.0000e-005**	**0.0000**	**0.8649**

3.8 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	tons/yr										MT/yr					
Off-Road	2.6800e-003	0.0342	0.0371	1.0000e-004		9.3000e-004	9.3000e-004		8.5000e-004	8.5000e-004	0.0000	8.9258	8.9258	2.8900e-003	0.0000	8.9980
Total	**2.6800e-003**	**0.0342**	**0.0371**	**1.0000e-004**		**9.3000e-004**	**9.3000e-004**		**8.5000e-004**	**8.5000e-004**	**0.0000**	**8.9258**	**8.9258**	**2.8900e-003**	**0.0000**	**8.9980**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.7300e-003	5.3000e-004	1.0000e-005	4.5500e-003	0.0000	4.5500e-003	4.8000e-004	0.0000	4.8000e-004	0.0000	0.5769	0.5769	4.0000e-005	0.0000	0.5779
Worker	2.7000e-004	1.7000e-004	1.8500e-003	1.0000e-005	0.0268	0.0000	0.0268	2.7900e-003	0.0000	2.8000e-003	0.0000	0.5736	0.5736	1.0000e-005	0.0000	0.5740
Total	**3.2000e-004**	**1.9000e-003**	**2.3800e-003**	**2.0000e-005**	**0.0313**	**0.0000**	**0.0313**	**3.2700e-003**	**0.0000**	**3.2800e-003**	**0.0000**	**1.1506**	**1.1506**	**5.0000e-005**	**0.0000**	**1.1519**

3.8 P5 Building Construction 2 (mo. 5) - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.8800e-003	0.0330	0.0620	1.0000e-004		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	8.9258	8.9258	2.8900e-003	0.0000	8.9980
Total	**1.8800e-003**	**0.0330**	**0.0620**	**1.0000e-004**		**1.7000e-004**	**1.7000e-004**		**1.7000e-004**	**1.7000e-004**	**0.0000**	**8.9258**	**8.9258**	**2.8900e-003**	**0.0000**	**8.9980**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.7300e-003	5.3000e-004	1.0000e-005	2.0400e-003	0.0000	2.0400e-003	2.3000e-004	0.0000	2.3000e-004	0.0000	0.5769	0.5769	4.0000e-005	0.0000	0.5779
Worker	2.7000e-004	1.7000e-004	1.8500e-003	1.0000e-005	0.0119	0.0000	0.0119	1.3100e-003	0.0000	1.3100e-003	0.0000	0.5736	0.5736	1.0000e-005	0.0000	0.5740
Total	**3.2000e-004**	**1.9000e-003**	**2.3800e-003**	**2.0000e-005**	**0.0139**	**0.0000**	**0.0139**	**1.5400e-003**	**0.0000**	**1.5400e-003**	**0.0000**	**1.1506**	**1.1506**	**5.0000e-005**	**0.0000**	**1.1519**

3.9 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	tons/yr										MT/yr					
Off-Road	3.1300e-003	0.0352	0.0375	1.0000e-004		1.1800e-003	1.1800e-003		1.0900e-003	1.0900e-003	0.0000	8.5864	8.5864	2.7800e-003	0.0000	8.6558
Total	**3.1300e-003**	**0.0352**	**0.0375**	**1.0000e-004**		**1.1800e-003**	**1.1800e-003**		**1.0900e-003**	**1.0900e-003**	**0.0000**	**8.5864**	**8.5864**	**2.7800e-003**	**0.0000**	**8.6558**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6500e-003	5.0000e-004	1.0000e-005	4.3500e-003	0.0000	4.3500e-003	4.6000e-004	0.0000	4.6000e-004	0.0000	0.5519	0.5519	4.0000e-005	0.0000	0.5528
Worker	1.3000e-004	8.0000e-005	8.8000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2744	0.2744	1.0000e-005	0.0000	0.2745
Total	**1.8000e-004**	**1.7300e-003**	**1.3800e-003**	**1.0000e-005**	**0.0172**	**0.0000**	**0.0172**	**1.8000e-003**	**0.0000**	**1.8000e-003**	**0.0000**	**0.8262**	**0.8262**	**5.0000e-005**	**0.0000**	**0.8273**

3.9 P6 Building Construction 1 (mo. 2-4) - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.8100e-003	0.0317	0.0596	1.0000e-004		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	8.5864	8.5864	2.7800e-003	0.0000	8.6558
Total	**1.8100e-003**	**0.0317**	**0.0596**	**1.0000e-004**		**1.6000e-004**	**1.6000e-004**		**1.6000e-004**	**1.6000e-004**	**0.0000**	**8.5864**	**8.5864**	**2.7800e-003**	**0.0000**	**8.6558**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6500e-003	5.0000e-004	1.0000e-005	1.9500e-003	0.0000	1.9500e-003	2.2000e-004	0.0000	2.2000e-004	0.0000	0.5519	0.5519	4.0000e-005	0.0000	0.5528
Worker	1.3000e-004	8.0000e-005	8.8000e-004	0.0000	5.6800e-003	0.0000	5.6900e-003	6.2000e-004	0.0000	6.3000e-004	0.0000	0.2744	0.2744	1.0000e-005	0.0000	0.2745
Total	**1.8000e-004**	**1.7300e-003**	**1.3800e-003**	**1.0000e-005**	**7.6300e-003**	**0.0000**	**7.6400e-003**	**8.4000e-004**	**0.0000**	**8.5000e-004**	**0.0000**	**0.8262**	**0.8262**	**5.0000e-005**	**0.0000**	**0.8273**

3.9 P6 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	tons/yr										MT/yr					
Off-Road	3.1800e-003	0.0356	0.0392	1.0000e-004		1.1000e-003	1.1000e-003		1.0200e-003	1.0200e-003	0.0000	8.9806	8.9806	2.9000e-003	0.0000	9.0532
Total	**3.1800e-003**	**0.0356**	**0.0392**	**1.0000e-004**		**1.1000e-003**	**1.1000e-003**		**1.0200e-003**	**1.0200e-003**	**0.0000**	**8.9806**	**8.9806**	**2.9000e-003**	**0.0000**	**9.0532**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.7000e-003	5.2000e-004	1.0000e-005	4.5500e-003	0.0000	4.5500e-003	4.8000e-004	0.0000	4.8000e-004	0.0000	0.5734	0.5734	4.0000e-005	0.0000	0.5744
Worker	1.3000e-004	8.0000e-005	8.6000e-004	0.0000	0.0134	0.0000	0.0134	1.4000e-003	0.0000	1.4000e-003	0.0000	0.2752	0.2752	1.0000e-005	0.0000	0.2754
Total	**1.8000e-004**	**1.7800e-003**	**1.3800e-003**	**1.0000e-005**	**0.0179**	**0.0000**	**0.0179**	**1.8800e-003**	**0.0000**	**1.8800e-003**	**0.0000**	**0.8486**	**0.8486**	**5.0000e-005**	**0.0000**	**0.8498**

3.9 P6 Building Construction 1 (mo. 2-4) - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.8900e-003	0.0331	0.0623	1.0000e-004		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	8.9806	8.9806	2.9000e-003	0.0000	9.0532
Total	**1.8900e-003**	**0.0331**	**0.0623**	**1.0000e-004**		**1.7000e-004**	**1.7000e-004**		**1.7000e-004**	**1.7000e-004**	**0.0000**	**8.9806**	**8.9806**	**2.9000e-003**	**0.0000**	**9.0532**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.7000e-003	5.2000e-004	1.0000e-005	2.0400e-003	0.0000	2.0400e-003	2.3000e-004	0.0000	2.3000e-004	0.0000	0.5734	0.5734	4.0000e-005	0.0000	0.5744
Worker	1.3000e-004	8.0000e-005	8.6000e-004	0.0000	5.9400e-003	0.0000	5.9400e-003	6.5000e-004	0.0000	6.5000e-004	0.0000	0.2752	0.2752	1.0000e-005	0.0000	0.2754
Total	**1.8000e-004**	**1.7800e-003**	**1.3800e-003**	**1.0000e-005**	**7.9800e-003**	**0.0000**	**7.9800e-003**	**8.8000e-004**	**0.0000**	**8.8000e-004**	**0.0000**	**0.8486**	**0.8486**	**5.0000e-005**	**0.0000**	**0.8498**

3.10 P6 Architecutal 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	tons/yr										MT/yr					
Archit. Coating	0.0686					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.3000e-003	0.0358	0.0531	9.0000e-005		1.7900e-003	1.7900e-003		1.7900e-003	1.7900e-003	0.0000	7.4895	7.4895	4.2000e-004	0.0000	7.5001
Total	**0.0739**	**0.0358**	**0.0531**	**9.0000e-005**		**1.7900e-003**	**1.7900e-003**		**1.7900e-003**	**1.7900e-003**	**0.0000**	**7.4895**	**7.4895**	**4.2000e-004**	**0.0000**	**7.5001**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	3.3100e-003	1.0100e-003	1.0000e-005	8.7100e-003	0.0000	8.7100e-003	9.2000e-004	0.0000	9.3000e-004	0.0000	1.1037	1.1037	7.0000e-005	0.0000	1.1056
Worker	7.0000e-005	4.0000e-005	4.4000e-004	0.0000	6.4000e-003	0.0000	6.4000e-003	6.7000e-004	0.0000	6.7000e-004	0.0000	0.1372	0.1372	0.0000	0.0000	0.1373
Total	**1.6000e-004**	**3.3500e-003**	**1.4500e-003**	**1.0000e-005**	**0.0151**	**0.0000**	**0.0151**	**1.5900e-003**	**0.0000**	**1.6000e-003**	**0.0000**	**1.2409**	**1.2409**	**7.0000e-005**	**0.0000**	**1.2428**

3.10 P6 Architecutal Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0686					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.6000e-003	0.0311	0.0538	9.0000e-005		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	7.4895	7.4895	4.2000e-004	0.0000	7.5001
Total	**0.0702**	**0.0311**	**0.0538**	**9.0000e-005**		**1.2000e-004**	**1.2000e-004**		**1.2000e-004**	**1.2000e-004**	**0.0000**	**7.4895**	**7.4895**	**4.2000e-004**	**0.0000**	**7.5001**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	3.3100e-003	1.0100e-003	1.0000e-005	3.9000e-003	0.0000	3.9000e-003	4.4000e-004	0.0000	4.5000e-004	0.0000	1.1037	1.1037	7.0000e-005	0.0000	1.1056
Worker	7.0000e-005	4.0000e-005	4.4000e-004	0.0000	2.8400e-003	0.0000	2.8400e-003	3.1000e-004	0.0000	3.1000e-004	0.0000	0.1372	0.1372	0.0000	0.0000	0.1373
Total	**1.6000e-004**	**3.3500e-003**	**1.4500e-003**	**1.0000e-005**	**6.7400e-003**	**0.0000**	**6.7400e-003**	**7.5000e-004**	**0.0000**	**7.6000e-004**	**0.0000**	**1.2409**	**1.2409**	**7.0000e-005**	**0.0000**	**1.2428**

3.10 P6 Architecutal 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	tons/yr										MT/yr					
Archit. Coating	0.0718					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.2400e-003	0.0351	0.0555	9.0000e-005		1.5800e-003	1.5800e-003		1.5800e-003	1.5800e-003	0.0000	7.8300	7.8300	4.3000e-004	0.0000	7.8407
Total	**0.0770**	**0.0351**	**0.0555**	**9.0000e-005**		**1.5800e-003**	**1.5800e-003**		**1.5800e-003**	**1.5800e-003**	**0.0000**	**7.8300**	**7.8300**	**4.3000e-004**	**0.0000**	**7.8407**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	3.4100e-003	1.0300e-003	1.0000e-005	9.1000e-003	0.0000	9.1100e-003	9.7000e-004	0.0000	9.7000e-004	0.0000	1.1469	1.1469	8.0000e-005	0.0000	1.1488
Worker	7.0000e-005	4.0000e-005	4.3000e-004	0.0000	6.6900e-003	0.0000	6.6900e-003	7.0000e-004	0.0000	7.0000e-004	0.0000	0.1376	0.1376	0.0000	0.0000	0.1377
Total	**1.7000e-004**	**3.4500e-003**	**1.4600e-003**	**1.0000e-005**	**0.0158**	**0.0000**	**0.0158**	**1.6700e-003**	**0.0000**	**1.6700e-003**	**0.0000**	**1.2845**	**1.2845**	**8.0000e-005**	**0.0000**	**1.2865**

3.10 P6 Architecutal Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0718					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.6700e-003	0.0325	0.0562	9.0000e-005		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	7.8300	7.8300	4.3000e-004	0.0000	7.8407
Total	**0.0734**	**0.0325**	**0.0562**	**9.0000e-005**		**1.2000e-004**	**1.2000e-004**		**1.2000e-004**	**1.2000e-004**	**0.0000**	**7.8300**	**7.8300**	**4.3000e-004**	**0.0000**	**7.8407**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	3.4100e-003	1.0300e-003	1.0000e-005	4.0700e-003	0.0000	4.0800e-003	4.6000e-004	0.0000	4.7000e-004	0.0000	1.1469	1.1469	8.0000e-005	0.0000	1.1488
Worker	7.0000e-005	4.0000e-005	4.3000e-004	0.0000	2.9700e-003	0.0000	2.9700e-003	3.3000e-004	0.0000	3.3000e-004	0.0000	0.1376	0.1376	0.0000	0.0000	0.1377
Total	**1.7000e-004**	**3.4500e-003**	**1.4600e-003**	**1.0000e-005**	**7.0400e-003**	**0.0000**	**7.0500e-003**	**7.9000e-004**	**0.0000**	**8.0000e-004**	**0.0000**	**1.2845**	**1.2845**	**8.0000e-005**	**0.0000**	**1.2865**

3.11 P7 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0105	0.0987	0.1677	2.6000e-004		4.8100e-003	4.8100e-003		4.4300e-003	4.4300e-003	0.0000	23.0221	23.0221	7.4500e-003	0.0000	23.2083
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0105**	**0.0987**	**0.1677**	**2.6000e-004**		**4.8100e-003**	**4.8100e-003**		**4.4300e-003**	**4.4300e-003**	**0.0000**	**23.0221**	**23.0221**	**7.4500e-003**	**0.0000**	**23.2083**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	8.5200e-003	2.5800e-003	3.0000e-005	0.0228	1.0000e-005	0.0228	2.4100e-003	1.0000e-005	2.4200e-003	0.0000	2.8671	2.8671	1.9000e-004	0.0000	2.8719
Worker	1.3000e-004	8.0000e-005	8.6000e-004	0.0000	0.0134	0.0000	0.0134	1.4000e-003	0.0000	1.4000e-003	0.0000	0.2752	0.2752	1.0000e-005	0.0000	0.2754
Total	**3.7000e-004**	**8.6000e-003**	**3.4400e-003**	**3.0000e-005**	**0.0361**	**1.0000e-005**	**0.0362**	**3.8100e-003**	**1.0000e-005**	**3.8200e-003**	**0.0000**	**3.1423**	**3.1423**	**2.0000e-004**	**0.0000**	**3.1473**

3.11 P7 Paving - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.8400e-003	0.1155	0.1989	2.6000e-004		4.3000e-004	4.3000e-004		4.3000e-004	4.3000e-004	0.0000	23.0221	23.0221	7.4500e-003	0.0000	23.2083
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.8400e-003**	**0.1155**	**0.1989**	**2.6000e-004**		**4.3000e-004**	**4.3000e-004**		**4.3000e-004**	**4.3000e-004**	**0.0000**	**23.0221**	**23.0221**	**7.4500e-003**	**0.0000**	**23.2083**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	8.5200e-003	2.5800e-003	3.0000e-005	0.0102	1.0000e-005	0.0102	1.1600e-003	1.0000e-005	1.1700e-003	0.0000	2.8671	2.8671	1.9000e-004	0.0000	2.8719
Worker	1.3000e-004	8.0000e-005	8.6000e-004	0.0000	5.9400e-003	0.0000	5.9400e-003	6.5000e-004	0.0000	6.5000e-004	0.0000	0.2752	0.2752	1.0000e-005	0.0000	0.2754
Total	**3.7000e-004**	**8.6000e-003**	**3.4400e-003**	**3.0000e-005**	**0.0161**	**1.0000e-005**	**0.0161**	**1.8100e-003**	**1.0000e-005**	**1.8200e-003**	**0.0000**	**3.1423**	**3.1423**	**2.0000e-004**	**0.0000**	**3.1473**

3.12 P7 Site Preperation (mo. 1) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.3000e-003	0.0000	5.3000e-003	5.7000e-004	0.0000	5.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0115	0.1137	0.1071	2.2000e-004		4.9000e-003	4.9000e-003		4.6000e-003	4.6000e-003	0.0000	19.2786	19.2786	4.5400e-003	0.0000	19.3920
Total	**0.0115**	**0.1137**	**0.1071**	**2.2000e-004**	**5.3000e-003**	**4.9000e-003**	**0.0102**	**5.7000e-004**	**4.6000e-003**	**5.1700e-003**	**0.0000**	**19.2786**	**19.2786**	**4.5400e-003**	**0.0000**	**19.3920**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.4800e-003	4.5000e-004	1.0000e-005	3.9600e-003	0.0000	3.9600e-003	4.2000e-004	0.0000	4.2000e-004	0.0000	0.4986	0.4986	3.0000e-005	0.0000	0.4995
Worker	1.1000e-004	7.0000e-005	7.5000e-004	0.0000	0.0116	0.0000	0.0116	1.2100e-003	0.0000	1.2200e-003	0.0000	0.2393	0.2393	1.0000e-005	0.0000	0.2395
Total	**1.5000e-004**	**1.5500e-003**	**1.2000e-003**	**1.0000e-005**	**0.0156**	**0.0000**	**0.0156**	**1.6300e-003**	**0.0000**	**1.6400e-003**	**0.0000**	**0.7380**	**0.7380**	**4.0000e-005**	**0.0000**	**0.7389**

3.12 P7 Site Preperation (mo. 1) - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0700e-003	0.0000	2.0700e-003	2.2000e-004	0.0000	2.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.0500e-003	0.0742	0.1347	2.2000e-004		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004	0.0000	19.2786	19.2786	4.5400e-003	0.0000	19.3920
Total	**4.0500e-003**	**0.0742**	**0.1347**	**2.2000e-004**	**2.0700e-003**	**3.3000e-004**	**2.4000e-003**	**2.2000e-004**	**3.3000e-004**	**5.5000e-004**	**0.0000**	**19.2786**	**19.2786**	**4.5400e-003**	**0.0000**	**19.3920**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.4800e-003	4.5000e-004	1.0000e-005	1.7700e-003	0.0000	1.7700e-003	2.0000e-004	0.0000	2.0000e-004	0.0000	0.4986	0.4986	3.0000e-005	0.0000	0.4995
Worker	1.1000e-004	7.0000e-005	7.5000e-004	0.0000	5.1700e-003	0.0000	5.1700e-003	5.7000e-004	0.0000	5.7000e-004	0.0000	0.2393	0.2393	1.0000e-005	0.0000	0.2395
Total	**1.5000e-004**	**1.5500e-003**	**1.2000e-003**	**1.0000e-005**	**6.9400e-003**	**0.0000**	**6.9400e-003**	**7.7000e-004**	**0.0000**	**7.7000e-004**	**0.0000**	**0.7380**	**0.7380**	**4.0000e-005**	**0.0000**	**0.7389**

3.13 P6 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	tons/yr										MT/yr					
Off-Road	2.3200e-003	0.0293	0.0322	9.0000e-005		7.7000e-004	7.7000e-004		7.1000e-004	7.1000e-004	0.0000	7.7611	7.7611	2.5100e-003	0.0000	7.8239
Total	**2.3200e-003**	**0.0293**	**0.0322**	**9.0000e-005**		**7.7000e-004**	**7.7000e-004**		**7.1000e-004**	**7.1000e-004**	**0.0000**	**7.7611**	**7.7611**	**2.5100e-003**	**0.0000**	**7.8239**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.4800e-003	4.5000e-004	1.0000e-005	3.9600e-003	0.0000	3.9600e-003	4.2000e-004	0.0000	4.2000e-004	0.0000	0.4986	0.4986	3.0000e-005	0.0000	0.4995
Worker	1.1000e-004	7.0000e-005	7.5000e-004	0.0000	0.0116	0.0000	0.0116	1.2100e-003	0.0000	1.2200e-003	0.0000	0.2393	0.2393	1.0000e-005	0.0000	0.2395
Total	**1.5000e-004**	**1.5500e-003**	**1.2000e-003**	**1.0000e-005**	**0.0156**	**0.0000**	**0.0156**	**1.6300e-003**	**0.0000**	**1.6400e-003**	**0.0000**	**0.7380**	**0.7380**	**4.0000e-005**	**0.0000**	**0.7389**

3.13 P6 Building Construction 2 (mo. 5) - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.6400e-003	0.0287	0.0540	9.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	7.7611	7.7611	2.5100e-003	0.0000	7.8239
Total	**1.6400e-003**	**0.0287**	**0.0540**	**9.0000e-005**		**1.4000e-004**	**1.4000e-004**		**1.4000e-004**	**1.4000e-004**	**0.0000**	**7.7611**	**7.7611**	**2.5100e-003**	**0.0000**	**7.8239**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.4800e-003	4.5000e-004	1.0000e-005	1.7700e-003	0.0000	1.7700e-003	2.0000e-004	0.0000	2.0000e-004	0.0000	0.4986	0.4986	3.0000e-005	0.0000	0.4995
Worker	1.1000e-004	7.0000e-005	7.5000e-004	0.0000	5.1700e-003	0.0000	5.1700e-003	5.7000e-004	0.0000	5.7000e-004	0.0000	0.2393	0.2393	1.0000e-005	0.0000	0.2395
Total	**1.5000e-004**	**1.5500e-003**	**1.2000e-003**	**1.0000e-005**	**6.9400e-003**	**0.0000**	**6.9400e-003**	**7.7000e-004**	**0.0000**	**7.7000e-004**	**0.0000**	**0.7380**	**0.7380**	**4.0000e-005**	**0.0000**	**0.7389**

3.14 P7 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	tons/yr										MT/yr					
Off-Road	9.0000e-003	0.1006	0.1109	2.9000e-004		3.1200e-003	3.1200e-003		2.8700e-003	2.8700e-003	0.0000	25.3800	25.3800	8.2100e-003	0.0000	25.5852
Total	**9.0000e-003**	**0.1006**	**0.1109**	**2.9000e-004**		**3.1200e-003**	**3.1200e-003**		**2.8700e-003**	**2.8700e-003**	**0.0000**	**25.3800**	**25.3800**	**8.2100e-003**	**0.0000**	**25.5852**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	4.8100e-003	1.4600e-003	2.0000e-005	0.0129	1.0000e-005	0.0129	1.3600e-003	1.0000e-005	1.3700e-003	0.0000	1.6205	1.6205	1.1000e-004	0.0000	1.6233
Worker	3.7000e-004	2.3000e-004	2.4400e-003	1.0000e-005	0.0378	1.0000e-005	0.0378	3.9400e-003	1.0000e-005	3.9500e-003	0.0000	0.7778	0.7778	2.0000e-005	0.0000	0.7783
Total	**5.0000e-004**	**5.0400e-003**	**3.9000e-003**	**3.0000e-005**	**0.0507**	**2.0000e-005**	**0.0507**	**5.3000e-003**	**2.0000e-005**	**5.3200e-003**	**0.0000**	**2.3983**	**2.3983**	**1.3000e-004**	**0.0000**	**2.4015**

3.14 P7 Building Construction 1 (mo. 2-4) - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.3300e-003	0.0936	0.1760	2.9000e-004		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004	0.0000	25.3799	25.3799	8.2100e-003	0.0000	25.5852
Total	**5.3300e-003**	**0.0936**	**0.1760**	**2.9000e-004**		**4.7000e-004**	**4.7000e-004**		**4.7000e-004**	**4.7000e-004**	**0.0000**	**25.3799**	**25.3799**	**8.2100e-003**	**0.0000**	**25.5852**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	4.8100e-003	1.4600e-003	2.0000e-005	5.7500e-003	1.0000e-005	5.7600e-003	6.5000e-004	1.0000e-005	6.6000e-004	0.0000	1.6205	1.6205	1.1000e-004	0.0000	1.6233
Worker	3.7000e-004	2.3000e-004	2.4400e-003	1.0000e-005	0.0168	1.0000e-005	0.0168	1.8400e-003	1.0000e-005	1.8500e-003	0.0000	0.7778	0.7778	2.0000e-005	0.0000	0.7783
Total	**5.0000e-004**	**5.0400e-003**	**3.9000e-003**	**3.0000e-005**	**0.0225**	**2.0000e-005**	**0.0226**	**2.4900e-003**	**2.0000e-005**	**2.5100e-003**	**0.0000**	**2.3983**	**2.3983**	**1.3000e-004**	**0.0000**	**2.4015**

3.15 P7 Architecutal 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	tons/yr										MT/yr					
Archit. Coating	0.1404					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0100	0.0672	0.1061	1.7000e-004		3.0200e-003	3.0200e-003		3.0200e-003	3.0200e-003	0.0000	14.9791	14.9791	8.2000e-004	0.0000	14.9995
Total	**0.1504**	**0.0672**	**0.1061**	**1.7000e-004**		**3.0200e-003**	**3.0200e-003**		**3.0200e-003**	**3.0200e-003**	**0.0000**	**14.9791**	**14.9791**	**8.2000e-004**	**0.0000**	**14.9995**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8000e-004	6.5200e-003	1.9700e-003	2.0000e-005	0.0174	1.0000e-005	0.0174	1.8500e-003	1.0000e-005	1.8500e-003	0.0000	2.1940	2.1940	1.5000e-004	0.0000	2.1977
Worker	1.2000e-004	8.0000e-005	8.2000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2633	0.2633	1.0000e-005	0.0000	0.2634
Total	**3.0000e-004**	**6.6000e-003**	**2.7900e-003**	**2.0000e-005**	**0.0302**	**1.0000e-005**	**0.0302**	**3.1900e-003**	**1.0000e-005**	**3.1900e-003**	**0.0000**	**2.4572**	**2.4572**	**1.6000e-004**	**0.0000**	**2.4611**

3.15 P7 Architecutal Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1404					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2000e-003	0.0622	0.1075	1.7000e-004		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	14.9791	14.9791	8.2000e-004	0.0000	14.9995
Total	**0.1436**	**0.0622**	**0.1075**	**1.7000e-004**		**2.3000e-004**	**2.3000e-004**		**2.3000e-004**	**2.3000e-004**	**0.0000**	**14.9791**	**14.9791**	**8.2000e-004**	**0.0000**	**14.9995**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8000e-004	6.5200e-003	1.9700e-003	2.0000e-005	7.7900e-003	1.0000e-005	7.8000e-003	8.9000e-004	1.0000e-005	8.9000e-004	0.0000	2.1940	2.1940	1.5000e-004	0.0000	2.1977
Worker	1.2000e-004	8.0000e-005	8.2000e-004	0.0000	5.6800e-003	0.0000	5.6900e-003	6.2000e-004	0.0000	6.3000e-004	0.0000	0.2633	0.2633	1.0000e-005	0.0000	0.2634
Total	**3.0000e-004**	**6.6000e-003**	**2.7900e-003**	**2.0000e-005**	**0.0135**	**1.0000e-005**	**0.0135**	**1.5100e-003**	**1.0000e-005**	**1.5200e-003**	**0.0000**	**2.4572**	**2.4572**	**1.6000e-004**	**0.0000**	**2.4611**

3.16 P7 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	tons/yr										MT/yr					
Off-Road	2.4400e-003	0.0308	0.0339	9.0000e-005		8.1000e-004	8.1000e-004		7.5000e-004	7.5000e-004	0.0000	8.1492	8.1492	2.6400e-003	0.0000	8.2151
Total	**2.4400e-003**	**0.0308**	**0.0339**	**9.0000e-005**		**8.1000e-004**	**8.1000e-004**		**7.5000e-004**	**7.5000e-004**	**0.0000**	**8.1492**	**8.1492**	**2.6400e-003**	**0.0000**	**8.2151**

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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.5600e-003	4.7000e-004	1.0000e-005	4.1600e-003	0.0000	4.1600e-003	4.4000e-004	0.0000	4.4000e-004	0.0000	0.5236	0.5236	4.0000e-005	0.0000	0.5244
Worker	1.2000e-004	7.0000e-005	7.9000e-004	0.0000	0.0122	0.0000	0.0122	1.2700e-003	0.0000	1.2800e-003	0.0000	0.2513	0.2513	1.0000e-005	0.0000	0.2514
Total	**1.6000e-004**	**1.6300e-003**	**1.2600e-003**	**1.0000e-005**	**0.0164**	**0.0000**	**0.0164**	**1.7100e-003**	**0.0000**	**1.7200e-003**	**0.0000**	**0.7749**	**0.7749**	**5.0000e-005**	**0.0000**	**0.7759**

3.16 P7 Building Construction 2 (mo. 5) - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.7200e-003	0.0301	0.0567	9.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	8.1492	8.1492	2.6400e-003	0.0000	8.2151
Total	**1.7200e-003**	**0.0301**	**0.0567**	**9.0000e-005**		**1.5000e-004**	**1.5000e-004**		**1.5000e-004**	**1.5000e-004**	**0.0000**	**8.1492**	**8.1492**	**2.6400e-003**	**0.0000**	**8.2151**

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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.5600e-003	4.7000e-004	1.0000e-005	1.8600e-003	0.0000	1.8600e-003	2.1000e-004	0.0000	2.1000e-004	0.0000	0.5236	0.5236	4.0000e-005	0.0000	0.5244
Worker	1.2000e-004	7.0000e-005	7.9000e-004	0.0000	5.4300e-003	0.0000	5.4300e-003	6.0000e-004	0.0000	6.0000e-004	0.0000	0.2513	0.2513	1.0000e-005	0.0000	0.2514
Total	**1.6000e-004**	**1.6300e-003**	**1.2600e-003**	**1.0000e-005**	**7.2900e-003**	**0.0000**	**7.2900e-003**	**8.1000e-004**	**0.0000**	**8.1000e-004**	**0.0000**	**0.7749**	**0.7749**	**5.0000e-005**	**0.0000**	**0.7759**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.4634	1.9405	5.5602	0.0221	1.3566	0.0159	1.3725	0.3856	0.0148	0.4004	0.0000	2,050.7815	2,050.7815	0.0999	0.0000	2,053.2789
Unmitigated	0.4634	1.9405	5.5602	0.0221	1.3566	0.0159	1.3725	0.3856	0.0148	0.4004	0.0000	2,050.7815	2,050.7815	0.0999	0.0000	2,053.2789

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	490.00	490.00	490.00	1,399,099	1,399,099
Single Family Housing	610.00	610.00	610.00	1,741,735	1,741,735
Total	1,100.00	1,100.00	1,100.00	3,140,834	3,140,834

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Single Family Housing	0.611343	0.038414	0.178161	0.100214	0.013382	0.005338	0.017151	0.024839	0.001931	0.001783	0.005765	0.000770	0.000908
Single Family Housing	0.611343	0.038414	0.178161	0.100214	0.013382	0.005338	0.017151	0.024839	0.001931	0.001783	0.005765	0.000770	0.000908

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	92.4642	92.4642	6.2700e-003	1.3000e-003	93.0077
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	92.4642	92.4642	6.2700e-003	1.3000e-003	93.0077
NaturalGas Mitigated	0.0157	0.1343	0.0572	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	155.5555	155.5555	2.9800e-003	2.8500e-003	156.4799
NaturalGas Unmitigated	0.0157	0.1343	0.0572	8.6000e-004		0.0109	0.0109		0.0109	0.0109	0.0000	155.5555	155.5555	2.9800e-003	2.8500e-003	156.4799

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Single Family Housing	1.2985e+006	7.0000e-003	0.0598	0.0255	3.8000e-004		4.8400e-003	4.8400e-003		4.8400e-003	4.8400e-003	0.0000	69.2929	69.2929	1.3300e-003	1.2700e-003	69.7047
Single Family Housing	1.6165e+006	8.7200e-003	0.0745	0.0317	4.8000e-004		6.0200e-003	6.0200e-003		6.0200e-003	6.0200e-003	0.0000	86.2626	86.2626	1.6500e-003	1.5800e-003	86.7752
Total		**0.0157**	**0.1343**	**0.0572**	**8.6000e-004**		**0.0109**	**0.0109**		**0.0109**	**0.0109**	**0.0000**	**155.5555**	**155.5555**	**2.9800e-003**	**2.8500e-003**	**156.4799**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Single Family Housing	1.2985e+006	7.0000e-003	0.0598	0.0255	3.8000e-004		4.8400e-003	4.8400e-003		4.8400e-003	4.8400e-003	0.0000	69.2929	69.2929	1.3300e-003	1.2700e-003	69.7047
Single Family Housing	1.6165e+006	8.7200e-003	0.0745	0.0317	4.8000e-004		6.0200e-003	6.0200e-003		6.0200e-003	6.0200e-003	0.0000	86.2626	86.2626	1.6500e-003	1.5800e-003	86.7752
Total		**0.0157**	**0.1343**	**0.0572**	**8.6000e-004**		**0.0109**	**0.0109**		**0.0109**	**0.0109**	**0.0000**	**155.5555**	**155.5555**	**2.9800e-003**	**2.8500e-003**	**156.4799**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Single Family Housing	212415	41.1886	2.7900e-003	5.8000e-004	41.4307
Single Family Housing	264435	51.2756	3.4800e-003	7.2000e-004	51.5770
Total		**92.4642**	**6.2700e-003**	**1.3000e-003**	**93.0077**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Single Family Housing	212415	41.1886	2.7900e-003	5.8000e-004	41.4307
Single Family Housing	264435	51.2756	3.4800e-003	7.2000e-004	51.5770
Total		**92.4642**	**6.2700e-003**	**1.3000e-003**	**93.0077**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.4329	0.1590	0.8797	1.0000e-003		0.0166	0.0166		0.0166	0.0166	0.0000	174.6171	174.6171	4.6000e-003	3.1800e-003	175.6788
Unmitigated	2.1627	0.1590	0.8797	1.0000e-003		0.0166	0.0166		0.0166	0.0166	0.0000	174.6171	174.6171	4.6000e-003	3.1800e-003	175.6788

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1930					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.9276					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0175	0.1496	0.0637	9.6000e-004		0.0121	0.0121		0.0121	0.0121	0.0000	173.2830	173.2830	3.3200e-003	3.1800e-003	174.3127
Landscaping	0.0245	9.4000e-003	0.8160	4.0000e-005		4.5300e-003	4.5300e-003		4.5300e-003	4.5300e-003	0.0000	1.3342	1.3342	1.2800e-003	0.0000	1.3661
Total	**2.1627**	**0.1590**	**0.8797**	**1.0000e-003**		**0.0166**	**0.0166**		**0.0166**	**0.0166**	**0.0000**	**174.6171**	**174.6171**	**4.6000e-003**	**3.1800e-003**	**175.6788**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.4633					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.9276					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0175	0.1496	0.0637	9.6000e-004		0.0121	0.0121		0.0121	0.0121	0.0000	173.2830	173.2830	3.3200e-003	3.1800e-003	174.3127
Landscaping	0.0245	9.4000e-003	0.8160	4.0000e-005		4.5300e-003	4.5300e-003		4.5300e-003	4.5300e-003	0.0000	1.3342	1.3342	1.2800e-003	0.0000	1.3661
Total	**2.4329**	**0.1590**	**0.8797**	**1.0000e-003**		**0.0166**	**0.0166**		**0.0166**	**0.0166**	**0.0000**	**174.6171**	**174.6171**	**4.6000e-003**	**3.1800e-003**	**175.6788**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	30.1030	0.2354	5.9000e-003	37.7482
Unmitigated	30.1030	0.2354	5.9000e-003	37.7482

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Single Family Housing	7.16694 / 4.51829	30.1030	0.2354	5.9000e-003	37.7482
Total		**30.1030**	**0.2354**	**5.9000e-003**	**37.7482**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Single Family Housing	7.16694 / 4.51829	30.1030	0.2354	5.9000e-003	37.7482
Total		**30.1030**	**0.2354**	**5.9000e-003**	**37.7482**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	6.3044	0.3726	0.0000	15.6189
Unmitigated	25.2176	1.4903	0.0000	62.4755

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Single Family Housing	124.23	25.2176	1.4903	0.0000	62.4755
Total		**25.2176**	**1.4903**	**0.0000**	**62.4755**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Single Family Housing	31.0575	6.3044	0.3726	0.0000	15.6189
Total		**6.3044**	**0.3726**	**0.0000**	**15.6189**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Proctor Valley EIR - North Residential (P5-7)

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												
P5 Architecutal Coating	0.02	0.12	-0.01	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 1 (mo. 2-4)	0.39	0.09	-0.55	0.00	0.86	0.85	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 2 (mo. 5)	0.27	0.03	-0.63	0.00	0.82	0.80	0.00	0.00	0.00	0.00	0.00	0.00
P5 Paving	0.64	-0.05	-0.18	0.00	0.92	0.91	0.00	0.00	0.00	0.00	0.00	0.00
P5 Site Preperation (mo. 1)	0.66	0.41	-0.24	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
P6 Architecutal Coating	0.05	0.09	-0.01	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 1 (mo. 2-4)	0.39	0.08	-0.57	0.00	0.86	0.84	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 2 (mo. 5)	0.28	0.02	-0.65	0.00	0.82	0.80	0.00	0.00	0.00	0.00	0.00	0.00
P6 Paving	0.65	-0.05	-0.18	0.00	0.92	0.91	0.00	0.00	0.00	0.00	0.00	0.00
P6 Site Preperation (mo. 1)	0.67	0.41	-0.24	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
P7 Architecutal Coating	0.05	0.07	-0.01	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 1 (mo. 2-4)	0.39	0.07	-0.57	0.00	0.84	0.83	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 2 (mo. 5)	0.28	0.02	-0.65	0.00	0.81	0.80	0.00	0.00	0.00	0.00	0.00	0.00
P7 Paving	0.61	-0.16	-0.18	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P7 Site Preperation (mo. 1)	0.64	0.34	-0.26	0.00	0.93	0.93	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	6	6	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 4 Interim	6	6	No Change	0.00
Graders	Diesel	Tier 4 Interim	3	3	No Change	0.00
Pavers	Diesel	Tier 4 Interim	6	6	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	6	6	No Change	0.00
Pumps	Diesel	Tier 4 Interim	3	3	No Change	0.00
Rollers	Diesel	Tier 4 Interim	6	6	No Change	0.00
Rough Terrain Forklifts	Diesel	Tier 4 Interim	6	6	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	9	9	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	3	3	No Change	0.00
Trenchers	Diesel	Tier 4 Interim	3	3	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	3.09300E-002	2.07960E-001	3.18490E-001	5.20000E-004	9.88000E-003	9.88000E-003	0.00000E+000	4.49373E+001	4.49373E+001	2.49000E-003	0.00000E+000	4.49995E+001
Cement and Mortar Mixers	1.85000E-003	1.16000E-002	9.71000E-003	2.00000E-005	4.50000E-004	4.50000E-004	0.00000E+000	1.44357E+000	1.44357E+000	1.50000E-004	0.00000E+000	1.44732E+000
Graders	1.38300E-002	1.59680E-001	6.64400E-002	2.70000E-004	5.17000E-003	4.75000E-003	0.00000E+000	2.35833E+001	2.35833E+001	7.63000E-003	0.00000E+000	2.37740E+001
Pavers	1.20800E-002	1.13050E-001	1.93890E-001	3.20000E-004	5.28000E-003	4.86000E-003	0.00000E+000	2.76619E+001	2.76619E+001	8.95000E-003	0.00000E+000	2.78855E+001
Paving Equipment	1.06300E-002	9.49200E-002	1.71640E-001	2.70000E-004	4.62000E-003	4.25000E-003	0.00000E+000	2.39731E+001	2.39731E+001	7.75000E-003	0.00000E+000	2.41669E+001
Pumps	9.44000E-003	7.97000E-002	1.17130E-001	2.10000E-004	3.53000E-003	3.53000E-003	0.00000E+000	1.78040E+001	1.78040E+001	7.60000E-004	0.00000E+000	1.78231E+001
Rollers	9.56000E-003	1.00260E-001	1.23880E-001	1.80000E-004	5.22000E-003	4.80000E-003	0.00000E+000	1.54456E+001	1.54456E+001	5.00000E-003	0.00000E+000	1.55705E+001
Rough Terrain Forklifts	1.71300E-002	2.10520E-001	1.41520E-001	6.90000E-004	4.99000E-003	4.59000E-003	0.00000E+000	6.08238E+001	6.08238E+001	1.96700E-002	0.00000E+000	6.13156E+001
Skid Steer Loaders	5.74000E-003	7.64400E-002	1.30420E-001	2.00000E-004	2.39000E-003	2.20000E-003	0.00000E+000	1.71680E+001	1.71680E+001	5.55000E-003	0.00000E+000	1.73068E+001
Tractors/Loaders/ Backhoes	1.21500E-002	1.22470E-001	1.96470E-001	2.70000E-004	5.30000E-003	4.88000E-003	0.00000E+000	2.41023E+001	2.41023E+001	7.80000E-003	0.00000E+000	2.42971E+001
Trenchers	1.04500E-002	9.73600E-002	8.14200E-002	1.10000E-004	6.66000E-003	6.13000E-003	0.00000E+000	9.35071E+000	9.35071E+000	3.02000E-003	0.00000E+000	9.42631E+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	9.59000E-003	1.86530E-001	3.22500E-001	5.20000E-004	7.00000E-004	7.00000E-004	0.00000E+000	4.49372E+001	4.49372E+001	2.49000E-003	0.00000E+000	4.49995E+001
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	2.00000E-005	0.00000E+000	0.00000E+000	0.00000E+000	1.44357E+000	1.44357E+000	1.50000E-004	0.00000E+000	1.44732E+000
Graders	4.39000E-003	7.08100E-002	1.42710E-001	2.70000E-004	4.40000E-004	4.40000E-004	0.00000E+000	2.35833E+001	2.35833E+001	7.63000E-003	0.00000E+000	2.37739E+001
Pavers	3.87000E-003	1.38720E-001	2.38720E-001	3.20000E-004	5.20000E-004	5.20000E-004	0.00000E+000	2.76618E+001	2.76618E+001	8.95000E-003	0.00000E+000	2.78855E+001
Paving Equipment	3.37000E-003	1.20730E-001	2.07770E-001	2.70000E-004	4.50000E-004	4.50000E-004	0.00000E+000	2.39731E+001	2.39731E+001	7.75000E-003	0.00000E+000	2.41669E+001
Pumps	3.80000E-003	7.39000E-002	1.27780E-001	2.10000E-004	2.80000E-004	2.80000E-004	0.00000E+000	1.78040E+001	1.78040E+001	7.60000E-004	0.00000E+000	1.78231E+001
Rollers	3.95000E-003	7.68800E-002	1.32910E-001	1.80000E-004	2.90000E-004	2.90000E-004	0.00000E+000	1.54456E+001	1.54456E+001	5.00000E-003	0.00000E+000	1.55705E+001
Rough Terrain Forklifts	1.13400E-002	1.82900E-001	3.68630E-001	6.90000E-004	1.13000E-003	1.13000E-003	0.00000E+000	6.08237E+001	6.08237E+001	1.96700E-002	0.00000E+000	6.13155E+001
Skid Steer Loaders	4.40000E-003	8.56700E-002	1.48120E-001	2.00000E-004	3.20000E-004	3.20000E-004	0.00000E+000	1.71680E+001	1.71680E+001	5.55000E-003	0.00000E+000	1.73068E+001
Tractors/Loaders/Backhoes	6.13000E-003	1.19200E-001	2.06100E-001	2.70000E-004	4.50000E-004	4.50000E-004	0.00000E+000	2.41022E+001	2.41022E+001	7.80000E-003	0.00000E+000	2.42971E+001
Trenchers	2.38000E-003	4.63700E-002	8.01700E-002	1.10000E-004	1.70000E-004	1.70000E-004	0.00000E+000	9.35070E+000	9.35070E+000	3.02000E-003	0.00000E+000	9.42630E+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	6.89945E-001	1.03049E-001	-1.25907E-002	0.00000E+000	9.29150E-001	9.29150E-001	0.00000E+000	1.33519E-006	1.33519E-006	0.00000E+000	0.00000E+000	1.11112E-006
Cement and Mortar Mixers	1.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Graders	6.82574E-001	5.56551E-001	-1.14795E+000	0.00000E+000	9.14894E-001	9.07368E-001	0.00000E+000	1.27209E-006	1.27209E-006	0.00000E+000	0.00000E+000	1.26188E-006
Pavers	6.79636E-001	-2.27068E-001	-2.31214E-001	0.00000E+000	9.01515E-001	8.93004E-001	0.00000E+000	1.08453E-006	1.08453E-006	0.00000E+000	0.00000E+000	1.07583E-006
Paving Equipment	6.82973E-001	-2.71913E-001	-2.10499E-001	0.00000E+000	9.02597E-001	8.94118E-001	0.00000E+000	8.34269E-007	8.34269E-007	0.00000E+000	0.00000E+000	1.24137E-006
Pumps	5.97458E-001	7.27729E-002	-9.09246E-002	0.00000E+000	9.20680E-001	9.20680E-001	0.00000E+000	1.12334E-006	1.12334E-006	0.00000E+000	0.00000E+000	1.12214E-006
Rollers	5.86820E-001	2.33194E-001	-7.28931E-002	0.00000E+000	9.44444E-001	9.39583E-001	0.00000E+000	1.29487E-006	1.29487E-006	0.00000E+000	0.00000E+000	6.42242E-007
Rough Terrain Forklifts	3.38004E-001	1.31199E-001	-1.60479E+000	0.00000E+000	7.73547E-001	7.53813E-001	0.00000E+000	1.15087E-006	1.15087E-006	0.00000E+000	0.00000E+000	1.14163E-006
Skid Steer Loaders	2.33449E-001	-1.20748E-001	-1.35715E-001	0.00000E+000	8.66109E-001	8.54545E-001	0.00000E+000	1.16496E-006	1.16496E-006	0.00000E+000	0.00000E+000	1.15561E-006
Tractors/Loaders/Backhoes	4.95473E-001	2.67004E-002	-4.90151E-002	0.00000E+000	9.15094E-001	9.07787E-001	0.00000E+000	1.24470E-006	1.24470E-006	0.00000E+000	0.00000E+000	1.23471E-006
Trenchers	7.72249E-001	5.23726E-001	1.53525E-002	0.00000E+000	9.74474E-001	9.72268E-001	0.00000E+000	1.06944E-006	1.06944E-006	0.00000E+000	0.00000E+000	1.06086E-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
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
P5 Architecutal Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Architecutal Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.52
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	0.09	0.01	0.04	0.00	0.56	0.53
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	0.01	0.00	0.56	0.53
P5 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Paving	Roads	0.04	0.00	0.02	0.00	0.55	0.52
P5 Site Preperation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
P5 Site Preperation (mo. 1)	Roads	0.03	0.00	0.01	0.00	0.56	0.53
P6 Architecutal Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Architecutal Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.52
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	0.04	0.00	0.02	0.00	0.56	0.53
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	0.02	0.00	0.01	0.00	0.56	0.53
P6 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Paving	Roads	0.02	0.00	0.01	0.00	0.55	0.53
P6 Site Preperation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
P6 Site Preperation (mo. 1)	Roads	0.02	0.00	0.01	0.00	0.55	0.53
P7 Architecutal Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Architecutal Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.53

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	0.05	0.01	0.02	0.00	0.56	0.53
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	0.02	0.00	0.01	0.00	0.55	0.53
P7 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Paving	Roads	0.04	0.00	0.02	0.00	0.55	0.52
P7 Site Preperation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
P7 Site Preperation (mo. 1)	Roads	0.02	0.00	0.01	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	-140.01	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
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	
Yes	Use Low VOC Paint (Residential Interior)	150.00
Yes	Use Low VOC Paint (Residential Exterior)	150.00
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	0.00
No	% Electric Leafblower	0.00

No	% Electric Chainsaw	0.00

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	75.00

CalEEMod Input Sheet
Project Characteristics

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	Proctor Valley EIR - North Village Residential (5-7)	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	1-Jun-22	North Village Schedule	Proctor Valley EIR Assumptions
Operational Year	2026	North 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)	454.71	Adjusted for RPS	
CH4 Intensity Factor (lb./Mwh)	default		
N20 Intensity Factor (lb./Mwh)	default		

CalEEMod Input Sheet
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**
P5 Site Preparation (mo. 1)	Site Preparation	1-Jun-24	30-Jun-24	5 days/week	20
P5 Building Construction 1 (mo. 2-4)	Building Construction	1-Jul-24	30-Sep-24	5 days/week	66
P5 Building Construction 2 (mo. 5)	Building Construction	1-Oct-24	31-Oct-24	5 days/week	23
P5 Paving	Paving	1-Sep-24	30-Sep-24	5 days/week	21
P5 Architectural Coating	Architectural Coating	1-Aug-24	30-Sep-24	5 days/week	43
P6 Site Preparation (mo. 1)	Site Preparation	1-Oct-24	31-Oct-24	5 days/week	23
P6 Building Construction 1 (mo. 2-4)	Building Construction	30-Nov-24	31-Jan-25	5 days/week	45
P6 Building Construction 2 (mo. 5)	Building Construction	1-Feb-25	28-Feb-25	5 days/week	20
P6 Paving	Paving	1-Sep-24	30-Sep-24	5 days/week	21
P6 Architectural Coating	Architectural Coating	1-Dec-24	31-Jan-25	5 days/week	45
P7 Site Preparation (mo. 1)	Site Preparation	1-Feb-25	28-Feb-25	5 days/week	20
P7 Building Construction 1 (mo. 2-4)	Building Construction	1-Mar-25	31-May-25	5 days/week	65
P7 Building Construction 2 (mo. 5)	Building Construction	1-Jun-25	30-Jun-25	5 days/week	21
P7 Paving	Paving	1-Jan-25	31-Jan-25	5 days/week	23
P7 Architectural Coating	Architectural Coating	1-Apr-25	31-May-25	5 days/week	44

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	8	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 Paving	default				
All Phases Architectural Coating	Air Compressor	2			

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**
Site Prep	default					--	default	
Grading	default	--	cubic yards	default		219.9		

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 Preparatio	Refer to Construction VMT worksheet								
All Phases Building Construction 1 (mo. 2-4)									
All Phases Building Construction 2 (mo. 5)									
All Phases Paving									
All Phases Architectural C									

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)**
All Phases Site Preparatio	default							
All Phases Building Construction 1 (mo. 2-4)								
All Phases Building Construction 2 (mo. 5)								
All Phases Paving								
All Phases Architectural C								

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)**
P5 Architectural Coating	50	190,802	100	63,601	N/A	0	N/A	0	N/A	--
P6 Architectural Coating	50	72,686	100	24,229	N/A	0	N/A	0	N/A	
P7 Architectural Coating	50	72,686	100	24,229	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)**
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	--

Proctor Valley EIR - North Village Non-Residential

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	2.30	Acre	2.30	0.00	0
Recreational Swimming Pool	1.00	1000sqft	1.50	1,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2027
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	441.1	**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 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Construction Phase -

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

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

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

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

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

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

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

Trips and VMT -

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

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Vehicle Trips - Refer to CalEEMod Input Matrix Table 12

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Area Coating - Refer to CalEEMod Input Matrix Table 19

Energy Use - Refer to CalEEMod Input Matrix Table 21

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

Area Mitigation - Refer to CalEEMod Input Matrix Table 33

Water Mitigation -

Waste Mitigation - Refer to CalEEMod Input Matrix Table 40

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00

tblArchitecturalCoating	EF_Parking	250.00	0.00
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	150
tblEnergyUse	LightingElect	0.00	2.91
tblEnergyUse	NT24E	0.00	4.27
tblEnergyUse	NT24NG	0.00	7.00
tblEnergyUse	T24E	0.00	1.27
tblEnergyUse	T24NG	0.00	4.00
tblGrading	AcresOfGrading	1.50	4.00
tblGrading	AcresOfGrading	1.00	0.00
tblGrading	AcresOfGrading	1.50	0.50
tblLandUse	BuildingSpaceSquareFeet	0.00	1,000.00
tblLandUse	GreenSpaceSquareFeet	100,188.00	0.00
tblLandUse	LandUseSquareFeet	100,188.00	0.00
tblLandUse	LotAcreage	0.02	1.50
tblLandUse	RecSwimmingAreaSquareFeet	1,000.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	PhaseName		Site Preparation - Swimming Pool
tblOffRoadEquipment	PhaseName		Site Preparation - Park
tblOffRoadEquipment	PhaseName		Site Preparation - Park
tblOffRoadEquipment	PhaseName		Landscaping
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
tblProjectCharacteristics	CO2IntensityFactor	720.49	441.1
tblProjectCharacteristics	OperationalYear	2018	2027
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	8.00	4.00
tblTripsAndVMT	WorkerTripNumber	8.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	8.00	6.00
tblTripsAndVMT	WorkerTripNumber	10.00	6.00
tblTripsAndVMT	WorkerTripNumber	0.00	6.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00
tblVehicleTrips	ST_TR	22.75	5.00

tblVehicleTrips	ST_TR	9.10	45.00
tblVehicleTrips	SU_TR	16.74	5.00
tblVehicleTrips	SU_TR	13.60	45.00
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	33.82	45.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.0614	0.5722	0.6766	1.2100e-003	0.1993	0.0239	0.2232	0.0303	0.0224	0.0527	0.0000	105.7249	105.7249	0.0252	0.0000	106.3550
Maximum	**0.0614**	**0.5722**	**0.6766**	**1.2100e-003**	**0.1993**	**0.0239**	**0.2232**	**0.0303**	**0.0224**	**0.0527**	**0.0000**	**105.7249**	**105.7249**	**0.0252**	**0.0000**	**106.3550**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.0273	0.4909	0.7577	1.2100e-003	0.0874	6.9000e-003	0.0943	0.0133	6.9000e-003	0.0202	0.0000	105.7248	105.7248	0.0252	0.0000	106.3549
Maximum	**0.0273**	**0.4909**	**0.7577**	**1.2100e-003**	**0.0874**	**6.9000e-003**	**0.0943**	**0.0133**	**6.9000e-003**	**0.0202**	**0.0000**	**105.7248**	**105.7248**	**0.0252**	**0.0000**	**106.3549**

	ROG	**NOx**	**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	**55.59**	**14.20**	**-11.99**	**0.00**	**56.14**	**71.14**	**57.74**	**56.04**	**69.18**	**61.62**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**5-1-2024**	**7-31-2024**	0.0239	0.0116
2	**8-1-2024**	**9-30-2024**	0.1525	0.1063
		Highest	0.1525	0.1063

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.0700e-003	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	6.0000e-005
Energy	6.0000e-005	5.4000e-004	4.5000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.2777	2.2777	1.2000e-004	3.0000e-005	2.2908
Mobile	0.0104	0.0428	0.1081	3.9000e-004	0.0399	3.1000e-004	0.0402	0.0107	2.8000e-004	0.0110	0.0000	36.5652	36.5652	1.8800e-003	0.0000	36.6121
Waste						0.0000	0.0000		0.0000	0.0000	1.1977	0.0000	1.1977	0.0708	0.0000	2.9671
Water						0.0000	0.0000		0.0000	0.0000	0.0188	6.3263	6.3450	2.3400e-003	1.3000e-004	6.4428
Total	**0.0156**	**0.0433**	**0.1086**	**3.9000e-004**	**0.0399**	**3.5000e-004**	**0.0402**	**0.0107**	**3.2000e-004**	**0.0110**	**1.2164**	**45.1692**	**46.3856**	**0.0751**	**1.6000e-004**	**48.3129**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.0700e-003	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	6.0000e-005
Energy	6.0000e-005	5.4000e-004	4.5000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.2777	2.2777	1.2000e-004	3.0000e-005	2.2908
Mobile	0.0104	0.0428	0.1081	3.9000e-004	0.0399	3.1000e-004	0.0402	0.0107	2.8000e-004	0.0110	0.0000	36.5652	36.5652	1.8800e-003	0.0000	36.6121
Waste						0.0000	0.0000		0.0000	0.0000	0.2994	0.0000	0.2994	0.0177	0.0000	0.7418
Water						0.0000	0.0000		0.0000	0.0000	0.0188	6.3263	6.3450	2.3400e-003	1.3000e-004	6.4428
Total	**0.0156**	**0.0433**	**0.1086**	**3.9000e-004**	**0.0399**	**3.5000e-004**	**0.0402**	**0.0107**	**3.2000e-004**	**0.0110**	**0.3182**	**45.1692**	**45.4873**	**0.0220**	**1.6000e-004**	**46.0876**

	ROG	NOx	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**	**73.84**	**0.00**	**1.94**	**70.67**	**0.00**	**4.61**

3.0 Construction Detail

Construction Phase

Proctor Valley EIR - North Village Non-Residential - San Diego County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation - Swimming Pool	Site Preparation	5/1/2024	5/2/2024	5	2	
2	Site Preparation - Park	Site Preparation	5/3/2024	5/3/2024	5	1	
3	Landscaping	Site Preparation	5/4/2024	9/3/2024	5	87	
4	Grading - Swimming Pool	Grading	9/4/2024	9/6/2024	5	3	
5	Grading - Park	Grading	9/7/2024	9/10/2024	5	2	
6	Building Construction - Swimming Pool	Building Construction	9/11/2024	12/3/2024	5	60	
7	Architectural Coating - Swimming Pool	Architectural Coating	12/4/2024	12/10/2024	5	5	

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: 1,500; Non-Residential Outdoor: 500; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Proctor Valley EIR - North Village Non-Residential - San Diego County, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation - Park	Graders	0		187	0.41
Site Preparation - Park	Scrapers	0		367	0.48
Site Preparation - Park	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - Park	Graders	1	8.00	187	0.41
Grading - Park	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Park	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation - Swimming Pool	Graders	0		187	0.41
Site Preparation - Swimming Pool	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - Swimming Pool	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - Swimming Pool	Graders	1	8.00	187	0.41
Grading - Swimming Pool	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Swimming Pool	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction - Swimming Pool	Cranes	1	7.00	231	0.29
Building Construction - Swimming Pool	Forklifts	3	8.00	89	0.20
Building Construction - Swimming Pool	Generator Sets	1	8.00	84	0.74
Building Construction - Swimming Pool	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - Swimming Pool	Welders	1	8.00	46	0.45
Architectural Coating - Swimming Pool	Air Compressors	1	6.00	78	0.48
Landscaping	Skid Steer Loaders	2	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
Site Preparation - Park	3	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Park	4	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Swimming Pool	3	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Swimming Pool	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Swimming Pool	9	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Swimming Pool	1	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Landscaping	2	4.00	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 Site Preparation - Swimming Pool - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.0200e-003	0.0000	6.0200e-003	3.3100e-003	0.0000	3.3100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.6600e-003	0.0272	0.0183	4.0000e-005		1.2300e-003	1.2300e-003		1.1300e-003	1.1300e-003	0.0000	3.3457	3.3457	1.0800e-003	0.0000	3.3728
Total	**2.6600e-003**	**0.0272**	**0.0183**	**4.0000e-005**	**6.0200e-003**	**1.2300e-003**	**7.2500e-003**	**3.3100e-003**	**1.1300e-003**	**4.4400e-003**	**0.0000**	**3.3457**	**3.3457**	**1.0800e-003**	**0.0000**	**3.3728**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	3.0000e-004	9.0000e-005	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.1003	0.1003	1.0000e-005	0.0000	0.1005
Worker	1.0000e-005	1.0000e-005	8.0000e-005	0.0000	1.1600e-003	0.0000	1.1600e-003	1.2000e-004	0.0000	1.2000e-004	0.0000	0.0249	0.0249	0.0000	0.0000	0.0250
Total	**2.0000e-005**	**3.1000e-004**	**1.7000e-004**	**0.0000**	**1.9500e-003**	**0.0000**	**1.9500e-003**	**2.0000e-004**	**0.0000**	**2.0000e-004**	**0.0000**	**0.1253**	**0.1253**	**1.0000e-005**	**0.0000**	**0.1255**

3.2 Site Preparation - Swimming Pool - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.3500e-003	0.0000	2.3500e-003	1.2900e-003	0.0000	1.2900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.0000e-004	0.0122	0.0230	4.0000e-005		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	3.3457	3.3457	1.0800e-003	0.0000	3.3728
Total	**7.0000e-004**	**0.0122**	**0.0230**	**4.0000e-005**	**2.3500e-003**	**6.0000e-005**	**2.4100e-003**	**1.2900e-003**	**6.0000e-005**	**1.3500e-003**	**0.0000**	**3.3457**	**3.3457**	**1.0800e-003**	**0.0000**	**3.3728**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	3.0000e-004	9.0000e-005	0.0000	3.5000e-004	0.0000	3.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1003	0.1003	1.0000e-005	0.0000	0.1005
Worker	1.0000e-005	1.0000e-005	8.0000e-005	0.0000	5.2000e-004	0.0000	5.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0249	0.0249	0.0000	0.0000	0.0250
Total	**2.0000e-005**	**3.1000e-004**	**1.7000e-004**	**0.0000**	**8.7000e-004**	**0.0000**	**8.7000e-004**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**0.1253**	**0.1253**	**1.0000e-005**	**0.0000**	**0.1255**

3.3 Site Preparation - Park - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9000e-004	2.9000e-003	4.4700e-003	1.0000e-005		1.3000e-004	1.3000e-004		1.2000e-004	1.2000e-004	0.0000	0.5475	0.5475	1.8000e-004	0.0000	0.5519
Total	**2.9000e-004**	**2.9000e-003**	**4.4700e-003**	**1.0000e-005**	**2.7000e-004**	**1.3000e-004**	**4.0000e-004**	**3.0000e-005**	**1.2000e-004**	**1.5000e-004**	**0.0000**	**0.5475**	**0.5475**	**1.8000e-004**	**0.0000**	**0.5519**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.5000e-004	5.0000e-005	0.0000	4.0000e-004	0.0000	4.0000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0502	0.0502	0.0000	0.0000	0.0503
Worker	1.0000e-005	0.0000	4.0000e-005	0.0000	5.8000e-004	0.0000	5.8000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0125	0.0125	0.0000	0.0000	0.0125
Total	**1.0000e-005**	**1.5000e-004**	**9.0000e-005**	**0.0000**	**9.8000e-004**	**0.0000**	**9.8000e-004**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**0.0626**	**0.0626**	**0.0000**	**0.0000**	**0.0627**

3.3 Site Preparation - Park - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0000e-004	0.0000	1.0000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.4000e-004	2.7100e-003	4.6800e-003	1.0000e-005		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	0.5475	0.5475	1.8000e-004	0.0000	0.5519
Total	**1.4000e-004**	**2.7100e-003**	**4.6800e-003**	**1.0000e-005**	**1.0000e-004**	**1.0000e-005**	**1.1000e-004**	**1.0000e-005**	**1.0000e-005**	**2.0000e-005**	**0.0000**	**0.5475**	**0.5475**	**1.8000e-004**	**0.0000**	**0.5519**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.5000e-004	5.0000e-005	0.0000	1.8000e-004	0.0000	1.8000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0502	0.0502	0.0000	0.0000	0.0503
Worker	1.0000e-005	0.0000	4.0000e-005	0.0000	2.6000e-004	0.0000	2.6000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0125	0.0125	0.0000	0.0000	0.0125
Total	**1.0000e-005**	**1.5000e-004**	**9.0000e-005**	**0.0000**	**4.4000e-004**	**0.0000**	**4.4000e-004**	**5.0000e-005**	**0.0000**	**5.0000e-005**	**0.0000**	**0.0626**	**0.0626**	**0.0000**	**0.0000**	**0.0627**

3.4 Landscaping - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.4200e-003	0.0719	0.1205	1.8000e-004		2.3100e-003	2.3100e-003		2.1300e-003	2.1300e-003	0.0000	15.8298	15.8298	5.1200e-003	0.0000	15.9578
Total	**5.4200e-003**	**0.0719**	**0.1205**	**1.8000e-004**	**0.0000**	**2.3100e-003**	**2.3100e-003**	**0.0000**	**2.1300e-003**	**2.1300e-003**	**0.0000**	**15.8298**	**15.8298**	**5.1200e-003**	**0.0000**	**15.9578**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7000e-004	0.0131	3.9800e-003	4.0000e-005	0.0344	2.0000e-005	0.0344	3.6500e-003	1.0000e-005	3.6700e-003	0.0000	4.3646	4.3646	3.0000e-004	0.0000	4.3720
Worker	5.2000e-004	3.3000e-004	3.5000e-003	1.0000e-005	0.0506	1.0000e-005	0.0506	5.2800e-003	1.0000e-005	5.2900e-003	0.0000	1.0849	1.0849	3.0000e-005	0.0000	1.0856
Total	**8.9000e-004**	**0.0134**	**7.4800e-003**	**5.0000e-005**	**0.0851**	**3.0000e-005**	**0.0851**	**8.9300e-003**	**2.0000e-005**	**8.9600e-003**	**0.0000**	**5.4495**	**5.4495**	**3.3000e-004**	**0.0000**	**5.4576**

3.4 Landscaping - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.4300e-003	0.1011	0.1365	1.8000e-004		4.1300e-003	4.1300e-003		4.1300e-003	4.1300e-003	0.0000	15.8298	15.8298	5.1200e-003	0.0000	15.9578
Total	**4.4300e-003**	**0.1011**	**0.1365**	**1.8000e-004**	**0.0000**	**4.1300e-003**	**4.1300e-003**	**0.0000**	**4.1300e-003**	**4.1300e-003**	**0.0000**	**15.8298**	**15.8298**	**5.1200e-003**	**0.0000**	**15.9578**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7000e-004	0.0131	3.9800e-003	4.0000e-005	0.0154	2.0000e-005	0.0154	1.7500e-003	1.0000e-005	1.7700e-003	0.0000	4.3646	4.3646	3.0000e-004	0.0000	4.3720
Worker	5.2000e-004	3.3000e-004	3.5000e-003	1.0000e-005	0.0225	1.0000e-005	0.0225	2.4700e-003	1.0000e-005	2.4800e-003	0.0000	1.0849	1.0849	3.0000e-005	0.0000	1.0856
Total	**8.9000e-004**	**0.0134**	**7.4800e-003**	**5.0000e-005**	**0.0379**	**3.0000e-005**	**0.0379**	**4.2200e-003**	**2.0000e-005**	**4.2500e-003**	**0.0000**	**5.4495**	**5.4495**	**3.3000e-004**	**0.0000**	**5.4576**

3.5 Grading - Swimming Pool - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0112	0.0000	0.0112	5.1900e-003	0.0000	5.1900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2200e-003	0.0234	0.0172	4.0000e-005		9.8000e-004	9.8000e-004		9.0000e-004	9.0000e-004	0.0000	3.2288	3.2288	1.0400e-003	0.0000	3.2549
Total	**2.2200e-003**	**0.0234**	**0.0172**	**4.0000e-005**	**0.0112**	**9.8000e-004**	**0.0121**	**5.1900e-003**	**9.0000e-004**	**6.0900e-003**	**0.0000**	**3.2288**	**3.2288**	**1.0400e-003**	**0.0000**	**3.2549**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	4.5000e-004	1.4000e-004	0.0000	1.1900e-003	0.0000	1.1900e-003	1.3000e-004	0.0000	1.3000e-004	0.0000	0.1505	0.1505	1.0000e-005	0.0000	0.1508
Worker	3.0000e-005	2.0000e-005	1.8000e-004	0.0000	2.6200e-003	0.0000	2.6200e-003	2.7000e-004	0.0000	2.7000e-004	0.0000	0.0561	0.0561	0.0000	0.0000	0.0562
Total	**4.0000e-005**	**4.7000e-004**	**3.2000e-004**	**0.0000**	**3.8100e-003**	**0.0000**	**3.8100e-003**	**4.0000e-004**	**0.0000**	**4.0000e-004**	**0.0000**	**0.2066**	**0.2066**	**1.0000e-005**	**0.0000**	**0.2069**

3.5 Grading - Swimming Pool - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.3500e-003	0.0000	4.3500e-003	2.0300e-003	0.0000	2.0300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.8000e-004	0.0121	0.0226	4.0000e-005		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	3.2288	3.2288	1.0400e-003	0.0000	3.2549
Total	**6.8000e-004**	**0.0121**	**0.0226**	**4.0000e-005**	**4.3500e-003**	**6.0000e-005**	**4.4100e-003**	**2.0300e-003**	**6.0000e-005**	**2.0900e-003**	**0.0000**	**3.2288**	**3.2288**	**1.0400e-003**	**0.0000**	**3.2549**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	4.5000e-004	1.4000e-004	0.0000	5.3000e-004	0.0000	5.3000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1505	0.1505	1.0000e-005	0.0000	0.1508
Worker	3.0000e-005	2.0000e-005	1.8000e-004	0.0000	1.1600e-003	0.0000	1.1600e-003	1.3000e-004	0.0000	1.3000e-004	0.0000	0.0561	0.0561	0.0000	0.0000	0.0562
Total	**4.0000e-005**	**4.7000e-004**	**3.2000e-004**	**0.0000**	**1.6900e-003**	**0.0000**	**1.6900e-003**	**1.9000e-004**	**0.0000**	**1.9000e-004**	**0.0000**	**0.2066**	**0.2066**	**1.0000e-005**	**0.0000**	**0.2069**

3.6 Grading - Park - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.5500e-003	0.0000	6.5500e-003	3.3700e-003	0.0000	3.3700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.4800e-003	0.0156	0.0115	2.0000e-005		6.6000e-004	6.6000e-004		6.0000e-004	6.0000e-004	0.0000	2.1526	2.1526	7.0000e-004	0.0000	2.1700
Total	**1.4800e-003**	**0.0156**	**0.0115**	**2.0000e-005**	**6.5500e-003**	**6.6000e-004**	**7.2100e-003**	**3.3700e-003**	**6.0000e-004**	**3.9700e-003**	**0.0000**	**2.1526**	**2.1526**	**7.0000e-004**	**0.0000**	**2.1700**

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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	3.0000e-004	9.0000e-005	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.1003	0.1003	1.0000e-005	0.0000	0.1005
Worker	2.0000e-005	1.0000e-005	1.2000e-004	0.0000	1.7500e-003	0.0000	1.7500e-003	1.8000e-004	0.0000	1.8000e-004	0.0000	0.0374	0.0374	0.0000	0.0000	0.0374
Total	**3.0000e-005**	**3.1000e-004**	**2.1000e-004**	**0.0000**	**2.5400e-003**	**0.0000**	**2.5400e-003**	**2.6000e-004**	**0.0000**	**2.6000e-004**	**0.0000**	**0.1378**	**0.1378**	**1.0000e-005**	**0.0000**	**0.1379**

3.6 Grading - Park - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.5600e-003	0.0000	2.5600e-003	1.3100e-003	0.0000	1.3100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.6000e-004	8.0600e-003	0.0151	2.0000e-005		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.1526	2.1526	7.0000e-004	0.0000	2.1700
Total	**4.6000e-004**	**8.0600e-003**	**0.0151**	**2.0000e-005**	**2.5600e-003**	**4.0000e-005**	**2.6000e-003**	**1.3100e-003**	**4.0000e-005**	**1.3500e-003**	**0.0000**	**2.1526**	**2.1526**	**7.0000e-004**	**0.0000**	**2.1700**

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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	3.0000e-004	9.0000e-005	0.0000	3.5000e-004	0.0000	3.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1003	0.1003	1.0000e-005	0.0000	0.1005
Worker	2.0000e-005	1.0000e-005	1.2000e-004	0.0000	7.8000e-004	0.0000	7.8000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.0374	0.0374	0.0000	0.0000	0.0374
Total	**3.0000e-005**	**3.1000e-004**	**2.1000e-004**	**0.0000**	**1.1300e-003**	**0.0000**	**1.1300e-003**	**1.3000e-004**	**0.0000**	**1.3000e-004**	**0.0000**	**0.1378**	**0.1378**	**1.0000e-005**	**0.0000**	**0.1379**

3.7 Building Construction - Swimming Pool - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0442	0.4033	0.4850	8.1000e-004		0.0184	0.0184		0.0173	0.0173	0.0000	69.5547	69.5547	0.0165	0.0000	69.9659
Total	**0.0442**	**0.4033**	**0.4850**	**8.1000e-004**		**0.0184**	**0.0184**		**0.0173**	**0.0173**	**0.0000**	**69.5547**	**69.5547**	**0.0165**	**0.0000**	**69.9659**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6000e-004	9.0200e-003	2.7500e-003	3.0000e-005	0.0237	1.0000e-005	0.0238	2.5200e-003	1.0000e-005	2.5300e-003	0.0000	3.0101	3.0101	2.0000e-004	0.0000	3.0152
Worker	5.3000e-004	3.4000e-004	3.6200e-003	1.0000e-005	0.0524	1.0000e-005	0.0524	5.4600e-003	1.0000e-005	5.4700e-003	0.0000	1.1223	1.1223	3.0000e-005	0.0000	1.1230
Total	**7.9000e-004**	**9.3600e-003**	**6.3700e-003**	**4.0000e-005**	**0.0761**	**2.0000e-005**	**0.0761**	**7.9800e-003**	**2.0000e-005**	**8.0000e-003**	**0.0000**	**4.1324**	**4.1324**	**2.3000e-004**	**0.0000**	**4.1382**

3.7 Building Construction - Swimming Pool - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0160	0.3274	0.5362	8.1000e-004		2.5400e-003	2.5400e-003		2.5400e-003	2.5400e-003	0.0000	69.5547	69.5547	0.0165	0.0000	69.9658
Total	**0.0160**	**0.3274**	**0.5362**	**8.1000e-004**		**2.5400e-003**	**2.5400e-003**		**2.5400e-003**	**2.5400e-003**	**0.0000**	**69.5547**	**69.5547**	**0.0165**	**0.0000**	**69.9658**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6000e-004	9.0200e-003	2.7500e-003	3.0000e-005	0.0106	1.0000e-005	0.0106	1.2100e-003	1.0000e-005	1.2200e-003	0.0000	3.0101	3.0101	2.0000e-004	0.0000	3.0152
Worker	5.3000e-004	3.4000e-004	3.6200e-003	1.0000e-005	0.0233	1.0000e-005	0.0233	2.5500e-003	1.0000e-005	2.5600e-003	0.0000	1.1223	1.1223	3.0000e-005	0.0000	1.1230
Total	**7.9000e-004**	**9.3600e-003**	**6.3700e-003**	**4.0000e-005**	**0.0339**	**2.0000e-005**	**0.0339**	**3.7600e-003**	**2.0000e-005**	**3.7800e-003**	**0.0000**	**4.1324**	**4.1324**	**2.3000e-004**	**0.0000**	**4.1382**

3.8 Architectural Coating - Swimming Pool - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.9000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.5000e-004	3.0500e-003	4.5300e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6392
Total	**3.3500e-003**	**3.0500e-003**	**4.5300e-003**	**1.0000e-005**		**1.5000e-004**	**1.5000e-004**		**1.5000e-004**	**1.5000e-004**	**0.0000**	**0.6383**	**0.6383**	**4.0000e-005**	**0.0000**	**0.6392**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	7.5000e-004	2.3000e-004	0.0000	1.9800e-003	0.0000	1.9800e-003	2.1000e-004	0.0000	2.1000e-004	0.0000	0.2508	0.2508	2.0000e-005	0.0000	0.2513
Worker	3.0000e-005	2.0000e-005	2.0000e-004	0.0000	2.9100e-003	0.0000	2.9100e-003	3.0000e-004	0.0000	3.0000e-004	0.0000	0.0624	0.0624	0.0000	0.0000	0.0624
Total	**5.0000e-005**	**7.7000e-004**	**4.3000e-004**	**0.0000**	**4.8900e-003**	**0.0000**	**4.8900e-003**	**5.1000e-004**	**0.0000**	**5.1000e-004**	**0.0000**	**0.3132**	**0.3132**	**2.0000e-005**	**0.0000**	**0.3137**

3.8 Architectural Coating - Swimming Pool - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.9000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.4000e-004	2.6500e-003	4.5800e-003	1.0000e-005		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6392
Total	**3.0400e-003**	**2.6500e-003**	**4.5800e-003**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**0.6383**	**0.6383**	**4.0000e-005**	**0.0000**	**0.6392**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	7.5000e-004	2.3000e-004	0.0000	8.9000e-004	0.0000	8.9000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.2508	0.2508	2.0000e-005	0.0000	0.2513
Worker	3.0000e-005	2.0000e-005	2.0000e-004	0.0000	1.2900e-003	0.0000	1.2900e-003	1.4000e-004	0.0000	1.4000e-004	0.0000	0.0624	0.0624	0.0000	0.0000	0.0624
Total	**5.0000e-005**	**7.7000e-004**	**4.3000e-004**	**0.0000**	**2.1800e-003**	**0.0000**	**2.1800e-003**	**2.4000e-004**	**0.0000**	**2.4000e-004**	**0.0000**	**0.3132**	**0.3132**	**2.0000e-005**	**0.0000**	**0.3137**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0104	0.0428	0.1081	3.9000e-004	0.0399	3.1000e-004	0.0402	0.0107	2.8000e-004	0.0110	0.0000	36.5652	36.5652	1.8800e-003	0.0000	36.6121
Unmitigated	0.0104	0.0428	0.1081	3.9000e-004	0.0399	3.1000e-004	0.0402	0.0107	2.8000e-004	0.0110	0.0000	36.5652	36.5652	1.8800e-003	0.0000	36.6121

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	11.50	11.50	11.50	24,551	24,551
Recreational Swimming Pool	45.00	45.00	45.00	81,328	81,328
Total	56.50	56.50	56.50	105,878	105,878

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Recreational Swimming Pool	9.50	7.30	7.30	33.00	48.00	19.00	52	39	9

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Recreational Swimming Pool	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1.6907	1.6907	1.1000e-004	2.0000e-005	1.7003
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1.6907	1.6907	1.1000e-004	2.0000e-005	1.7003
NaturalGas Mitigated	6.0000e-005	5.4000e-004	4.5000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.5870	0.5870	1.0000e-005	1.0000e-005	0.5905
NaturalGas Unmitigated	6.0000e-005	5.4000e-004	4.5000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.5870	0.5870	1.0000e-005	1.0000e-005	0.5905

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	11000	6.0000e-005	5.4000e-004	4.5000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.5870	0.5870	1.0000e-005	1.0000e-005	0.5905
Total		**6.0000e-005**	**5.4000e-004**	**4.5000e-004**	**0.0000**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.5870**	**0.5870**	**1.0000e-005**	**1.0000e-005**	**0.5905**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	11000	6.0000e-005	5.4000e-004	4.5000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.5870	0.5870	1.0000e-005	1.0000e-005	0.5905
Total		**6.0000e-005**	**5.4000e-004**	**4.5000e-004**	**0.0000**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.5870**	**0.5870**	**1.0000e-005**	**1.0000e-005**	**0.5905**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	8450	1.6907	1.1000e-004	2.0000e-005	1.7003
Total		**1.6907**	**1.1000e-004**	**2.0000e-005**	**1.7003**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	8450	1.6907	1.1000e-004	2.0000e-005	1.7003
Total		**1.6907**	**1.1000e-004**	**2.0000e-005**	**1.7003**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	5.0700e-003	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	6.0000e-005
Unmitigated	5.0700e-003	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	6.0000e-005

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.1600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.9100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	6.0000e-005
Total	**5.0700e-003**	**0.0000**	**3.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.0000**	**6.0000e-005**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.1600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.9100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.0000e-005	6.0000e-005	0.0000	0.0000	6.0000e-005
Total	**5.0700e-003**	**0.0000**	**3.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.0000**	**6.0000e-005**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	6.3450	2.3400e-003	1.3000e-004	6.4428
Unmitigated	6.3450	2.3400e-003	1.3000e-004	6.4428

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 2.74041	6.0916	4.0000e-004	8.0000e-005	6.1263
Recreational Swimming Pool	0.0591431 / 0.036249	0.2534	1.9400e-003	5.0000e-005	0.3165
Total		**6.3450**	**2.3400e-003**	**1.3000e-004**	**6.4428**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 2.74041	6.0916	4.0000e-004	8.0000e-005	6.1263
Recreational Swimming Pool	0.0591431 / 0.036249	0.2534	1.9400e-003	5.0000e-005	0.3165
Total		**6.3450**	**2.3400e-003**	**1.3000e-004**	**6.4428**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.2994	0.0177	0.0000	0.7418
Unmitigated	1.1977	0.0708	0.0000	2.9671

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.2	0.0406	2.4000e-003	0.0000	0.1006
Recreational Swimming Pool	5.7	1.1571	0.0684	0.0000	2.8665
Total		**1.1977**	**0.0708**	**0.0000**	**2.9671**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.05	0.0102	6.0000e-004	0.0000	0.0252
Recreational Swimming Pool	1.425	0.2893	0.0171	0.0000	0.7166
Total		**0.2994**	**0.0177**	**0.0000**	**0.7418**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Proctor Valley EIR - North Village Non-Residential

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 - Swimming Pool	0.09	0.10	-0.01	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - Swimming Pool	0.63	0.18	-0.10	0.00	0.86	0.85	0.00	0.00	0.00	0.00	0.00	0.00
Grading - Park	0.68	0.47	-0.31	0.00	0.94	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Grading - Swimming Pool	0.68	0.48	-0.31	0.00	0.94	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.16	-0.34	-0.13	0.00	-0.78	-0.93	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation - Park	0.50	0.06	-0.05	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation - Swimming Pool	0.73	0.55	-0.25	0.00	0.95	0.95	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	1	1	No Change	0.00
Cranes	Diesel	Tier 4 Interim	1	1	No Change	0.00
Forklifts	Diesel	Tier 4 Interim	3	3	No Change	0.00
Generator Sets	Diesel	Tier 4 Interim	1	1	No Change	0.00
Graders	Diesel	Tier 4 Interim	4	4	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Interim	3	3	No Change	0.00
Scrapers	Diesel	Tier 4 Interim	1	1	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	2	2	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	8	8	No Change	0.00
Welders	Diesel	Tier 4 Interim	1	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	4.50000E-004	3.05000E-003	4.53000E-003	1.00000E-005	1.50000E-004	1.50000E-004	0.00000E+000	6.38310E-001	6.38310E-001	4.00000E-005	0.00000E+000	6.39210E-001
Cranes	8.71000E-003	9.19900E-002	4.65900E-002	1.50000E-004	3.83000E-003	3.52000E-003	0.00000E+000	1.33072E+001	1.33072E+001	4.30000E-003	0.00000E+000	1.34148E+001
Forklifts	8.48000E-003	7.95200E-002	1.02540E-001	1.40000E-004	4.59000E-003	4.22000E-003	0.00000E+000	1.20862E+001	1.20862E+001	3.91000E-003	0.00000E+000	1.21839E+001
Generator Sets	8.55000E-003	7.63400E-002	1.09920E-001	2.00000E-004	3.32000E-003	3.32000E-003	0.00000E+000	1.69562E+001	1.69562E+001	6.90000E-004	0.00000E+000	1.69734E+001
Graders	8.90000E-004	1.03900E-002	4.14000E-003	2.00000E-005	3.40000E-004	3.10000E-004	0.00000E+000	1.45265E+000	1.45265E+000	4.70000E-004	0.00000E+000	1.46439E+000
Rubber Tired Dozers	3.82000E-003	3.92000E-002	1.72200E-002	5.00000E-005	1.77000E-003	1.63000E-003	0.00000E+000	4.12623E+000	4.12623E+000	1.33000E-003	0.00000E+000	4.15960E+000
Scrapers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Skid Steer Loaders	5.42000E-003	7.19000E-002	1.20450E-001	1.80000E-004	2.31000E-003	2.13000E-003	0.00000E+000	1.58298E+001	1.58298E+001	5.12000E-003	0.00000E+000	1.59578E+001
Tractors/Loaders/ Backhoes	1.32800E-002	1.33600E-001	2.06230E-001	2.90000E-004	6.13000E-003	5.64000E-003	0.00000E+000	2.52542E+001	2.52542E+001	8.17000E-003	0.00000E+000	2.54584E+001
Welders	7.08000E-003	4.14200E-002	4.99100E-002	8.00000E-005	1.42000E-003	1.42000E-003	0.00000E+000	5.64662E+000	5.64662E+000	5.80000E-004	0.00000E+000	5.66103E+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	1.40000E-004	2.65000E-003	4.58000E-003	1.00000E-005	1.00000E-005	1.00000E-005	0.00000E+000	6.38310E-001	6.38310E-001	4.00000E-005	0.00000E+000	6.39210E-001
Cranes	2.48000E-003	4.00100E-002	8.06400E-002	1.50000E-004	2.50000E-004	2.50000E-004	0.00000E+000	1.33072E+001	1.33072E+001	4.30000E-003	0.00000E+000	1.34148E+001
Forklifts	3.11000E-003	6.04600E-002	1.04540E-001	1.40000E-004	2.30000E-004	2.30000E-004	0.00000E+000	1.20862E+001	1.20862E+001	3.91000E-003	0.00000E+000	1.21839E+001
Generator Sets	3.62000E-003	7.03800E-002	1.21690E-001	2.00000E-004	2.60000E-004	2.60000E-004	0.00000E+000	1.69562E+001	1.69562E+001	6.90000E-004	0.00000E+000	1.69734E+001
Graders	2.70000E-004	4.36000E-003	8.79000E-003	2.00000E-005	3.00000E-005	3.00000E-005	0.00000E+000	1.45264E+000	1.45264E+000	4.70000E-004	0.00000E+000	1.46439E+000
Rubber Tired Dozers	7.70000E-004	1.23600E-002	2.49200E-002	5.00000E-005	8.00000E-005	8.00000E-005	0.00000E+000	4.12623E+000	4.12623E+000	1.33000E-003	0.00000E+000	4.15959E+000
Scrapers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Skid Steer Loaders	4.43000E-003	1.01110E-001	1.36540E-001	1.80000E-004	4.13000E-003	4.13000E-003	0.00000E+000	1.58298E+001	1.58298E+001	5.12000E-003	0.00000E+000	1.59578E+001
Tractors/Loaders/Backhoes	6.42000E-003	1.24960E-001	2.16060E-001	2.90000E-004	4.70000E-004	4.70000E-004	0.00000E+000	2.52542E+001	2.52542E+001	8.17000E-003	0.00000E+000	2.54584E+001
Welders	1.31000E-003	4.98300E-002	4.49100E-002	8.00000E-005	1.40000E-003	1.40000E-003	0.00000E+000	5.64661E+000	5.64661E+000	5.80000E-004	0.00000E+000	5.66102E+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	6.88889E-001	1.31148E-001	-1.10375E-002	0.00000E+000	9.33333E-001	9.33333E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	7.15270E-001	5.65061E-001	-7.30844E-001	0.00000E+000	9.34726E-001	9.28977E-001	0.00000E+000	7.51472E-007	7.51472E-007	0.00000E+000	0.00000E+000	1.49089E-006
Forklifts	6.33255E-001	2.39688E-001	-1.95046E-002	0.00000E+000	9.49891E-001	9.45498E-001	0.00000E+000	1.65478E-006	1.65478E-006	0.00000E+000	0.00000E+000	8.20753E-007
Generator Sets	5.76608E-001	7.80718E-002	-1.07078E-001	0.00000E+000	9.21687E-001	9.21687E-001	0.00000E+000	1.17951E-006	1.17951E-006	0.00000E+000	0.00000E+000	1.17832E-006
Graders	6.96629E-001	5.80366E-001	-1.12319E+000	0.00000E+000	9.11765E-001	9.03226E-001	0.00000E+000	6.88397E-006	6.88397E-006	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers	7.98429E-001	6.84694E-001	-4.47154E-001	0.00000E+000	9.54802E-001	9.50920E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	2.40408E-006
Scrapers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Skid Steer Loaders	1.82657E-001	-4.06259E-001	-1.33582E-001	0.00000E+000	-7.87879E-001	-9.38967E-001	0.00000E+000	6.31721E-007	6.31721E-007	0.00000E+000	0.00000E+000	1.25331E-006
Tractors/Loaders/Backhoes	5.16566E-001	6.46707E-002	-4.76652E-002	0.00000E+000	9.23328E-001	9.16667E-001	0.00000E+000	1.18792E-006	1.18792E-006	0.00000E+000	0.00000E+000	1.57119E-006
Welders	8.14972E-001	-2.03042E-001	1.00180E-001	0.00000E+000	1.40845E-002	1.40845E-002	0.00000E+000	1.77097E-006	1.77097E-006	0.00000E+000	0.00000E+000	1.76646E-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
Architectural Coating - Swimming Pool	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - Swimming Pool	Roads	0.00	0.00	0.00	0.00	0.55	0.53
Building Construction - Swimming Pool	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - Swimming Pool	Roads	0.08	0.01	0.03	0.00	0.55	0.53
Grading - Park	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Grading - Park	Roads	0.00	0.00	0.00	0.00	0.56	0.50
Grading - Swimming Pool	Fugitive Dust	0.01	0.01	0.00	0.00	0.61	0.61
Grading - Swimming Pool	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	Roads	0.09	0.01	0.04	0.00	0.55	0.53
Site Preparation - Park	Fugitive Dust	0.00	0.00	0.00	0.00	0.63	0.67
Site Preparation - Park	Roads	0.00	0.00	0.00	0.00	0.55	0.50
Site Preparation - Swimming Pool	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Site Preparation - Swimming Pool	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
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	
Yes	Use Low VOC Paint (Residential Interior)	150.00
Yes	Use Low VOC Paint (Residential Exterior)	150.00
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	0.00
No	% Electric Leafblower	0.00
No	% Electric Chainsaw	0.00

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	0.00	0.00
No	Use Grey Water	0.00	
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	0.00	
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape	0.00	0.00

Solid Waste Mitigation

Mitigation Measures	Input Value

Institute Recycling and Composting Services Percent Reduction in Waste Disposed	75.00

CalEEMod Input Sheet
Project Characteristics

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	Proctor Valley EIR - North Village Non-Residential	--	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-May-24	North Village Schedule	Proctor Valley EIR Assumptions
Operational Year	2027	NorthVillage 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)	441.1	Adjusted for RPS	
CH4 Intensity Factor (lb./Mwh)	default		
N20 Intensity Factor (lb./Mwh)	default		

CalEEMod Input Sheet
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**	**Phase Description**
Site Preparation - Swimming Pool	Site Preparation	1-May-24	2-May-24	5	2	--
Grading - Swimming Pool	Grading	3-May-24	7-May-24	5	3	
Building Construction - Swimming Pool	Building Construction	8-May-24	30-Jul-24	5	60	
Architectural Coating - Swimming Pool	Architectural Coating	31-Jul-24	6-Aug-24	5	5	
Site Preparation - Park	Site Preparation	1-Nov-21	1-Nov-21	5	1	
Grading - Park	Grading	2-Nov-21	3-Nov-21	5	2	
Landscaping	Site Preparation	1-Sep-24	31-Dec-24	5	87	

Table 6: Off-Road Equipment					
Phase Name	**Eqiupment**	**Unit Amount**	**Hours/Day**	**Horsepower (hp)**	**Load Factor**
Site Preparation - Swimming Pool	default				
Grading - Swimming Pool					
Building Construction - Swimming Pool					
Paving - Swimming Pool					
Architectural Coating - Swimming Pool					
Site Preparation - Park					
Grading - Park					
Landscaping	Skidsteer	2	default		

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 North 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 South Village Residential CalEEMod inputs							

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

CalEEMod Input Sheet
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 - Swimming Pool	Refer to Construction VMT Worksheet								
Grading - Swimming Pool									
Building Construction - Swimming Pool									
Paving - Swimming Pool									
Architectural Coating - Swimming Pool									
Site Preparation - Park									
Grading - Park									
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)**
Demolition	default							
Site Preparation								
Grading								
Building Construction								
Paving								
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)**
Architectural Coating - Swimming Pool	N/A	0	N/A	0	50	1,500	100	500	100	0

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)**
Tier 4 Interim						

Table 33: Fugitive Dust	
Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	30
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)	default
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	15
Clean Paved Road	
% PM Reduction	--

CalEEMod Version: CalEEMod.2016.3.1 Date: 8/17/2017 10:33 AM

Proctor Valley EIR - PA 16-19 Residential

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	125.00	Dwelling Unit	368.00	591,125.00	344

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2028
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	427.49	**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 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Off-road Equipment -

Off-road Equipment -

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

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

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

Off-road Equipment -

Off-road Equipment - Refer to CalEEMod Input Matrix Table

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

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

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Off-road Equipment -

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

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

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Off-road Equipment -

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

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

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Off-road Equipment -

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

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

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

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

Off-road Equipment -

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

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

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

Off-road Equipment - Refer to CalEEMod Input Matrix Table

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

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

Vehicle Trips - Operational Emissions Modeled Separately

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Woodstoves - Operational Emissions Modeled Separately

Area Coating - Operational Emissions Modeled Separately

Energy Use - Operational Emissions Modeled Separately

Construction Off-road Equipment Mitigation - --

Area Mitigation - Refer to CalEEMod Input Matrix Table 36

Water Mitigation -

Waste Mitigation -

Consumer Products - Operational Emissions Modeled Separately

Water And Wastewater - Operational Emissions Modeled Separately

Solid Waste - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	399,009.00	70,228.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	399,009.00	70,228.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	399,009.00	28,730.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	399,009.00	28,730.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	399,009.00	41,499.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,197,028.00	210,685.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,197,028.00	210,685.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,197,028.00	86,190.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,197,028.00	86,190.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,197,028.00	124,497.00
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_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
tblAreaCoating	Area_EF_Residential_Exterior	250	150
tblAreaCoating	Area_EF_Residential_Interior	250	150
tblAreaCoating	Area_Residential_Exterior	399009	0

tblAreaCoating	Area_Residential_Interior	1197028	0
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
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tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
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tblConsumerProducts	ROG_EF	2.14E-05	1E-11
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-15
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-14
tblEnergyUse	LightingElect	1,608.84	0.00
tblEnergyUse	NT24E	6,680.41	0.00
tblEnergyUse	NT24NG	4,180.00	0.00
tblEnergyUse	T24E	374.93	0.00
tblEnergyUse	T24NG	24,312.55	0.00
tblFireplaces	NumberGas	68.75	0.00
tblFireplaces	NumberNoFireplace	12.50	0.00
tblFireplaces	NumberWood	43.75	0.00
tblLandUse	BuildingSpaceSquareFeet	225,000.00	591,125.00
tblLandUse	LandUseSquareFeet	225,000.00	591,125.00
tblLandUse	LotAcreage	40.58	368.00
tblLandUse	Population	358.00	344.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00

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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00

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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
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tblOffRoadEquipment	PhaseName		P2 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P3 Site Preparation (mo. 1)
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tblOffRoadEquipment	PhaseName		P4 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P4 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P5 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P1 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P1 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		Utilities -2
tblOffRoadEquipment	PhaseName		Utilities -1
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tblOffRoadEquipment	PhaseName		P3 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P4 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P5 Site Preparation (mo. 1)

tblOffRoadEquipment	PhaseName		P1 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		Site Preparation -2
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tblOffRoadEquipment	PhaseName		P3 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P4 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P5 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P1 Site Preparation (mo. 1)
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tblOffRoadEquipment	PhaseName		P2 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P3 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P3 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P4 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P4 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P1 Building Construction 1 (mo. 2-4)
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tblOffRoadEquipment	PhaseName		P2 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P3 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P3 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P4 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P4 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P5 Site Preparation (mo. 1)
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tblOffRoadEquipment	PhaseName		P1 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P2 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P3 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P4 Site Preparation (mo. 1)

tblOffRoadEquipment	PhaseName		P5 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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tblOffRoadEquipment	UsageHours	7.00	0.00
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tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
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tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00

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tblOnRoadDust	VendorPercentPave	100.00	98.00

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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	427.49
tblProjectCharacteristics	OperationalYear	2018	2028
tblSolidWaste	SolidWasteGenerationRate	141.04	0.00
tblTripsAndVMT	HaulingTripLength	20.00	0.50
tblTripsAndVMT	HaulingTripLength	20.00	0.50
tblTripsAndVMT	HaulingTripNumber	0.00	2,731.00
tblTripsAndVMT	HaulingTripNumber	0.00	232.00
tblTripsAndVMT	HaulingVehicleClass	HHDT	MHDT
tblTripsAndVMT	HaulingVehicleClass	HHDT	MHDT
tblTripsAndVMT	VendorTripLength	7.30	47.30
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	2.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00

tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
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tblTripsAndVMT	VendorTripNumber	0.00	10.00
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tblTripsAndVMT	WorkerTripNumber	13.00	4.00
tblTripsAndVMT	WorkerTripNumber	45.00	4.00
tblTripsAndVMT	WorkerTripNumber	9.00	2.00
tblTripsAndVMT	WorkerTripNumber	45.00	4.00

tblTripsAndVMT	WorkerTripNumber	15.00	4.00
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tblTripsAndVMT	WorkerTripNumber	45.00	8.00
tblTripsAndVMT	WorkerTripNumber	9.00	2.00
tblTripsAndVMT	WorkerTripNumber	45.00	8.00
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tblTripsAndVMT	WorkerTripNumber	9.00	2.00
tblTripsAndVMT	WorkerTripNumber	45.00	6.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	9.52	0.00
tblWater	IndoorWaterUseRate	8,144,253.20	0.00
tblWater	OutdoorWaterUseRate	5,134,420.50	0.00
tblWoodstoves	NumberCatalytic	6.25	0.00
tblWoodstoves	NumberNoncatalytic	6.25	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.3677	1.2639	1.2428	2.4800e-003	0.7004	0.0547	0.7551	0.1829	0.0508	0.2337	0.0000	218.0746	218.0746	0.0606	0.0000	219.5890
2024	0.4617	2.9236	2.8210	6.0300e-003	2.2969	0.1201	2.4170	0.4725	0.1109	0.5834	0.0000	531.3992	531.3992	0.1564	0.0000	535.3080
2025	0.6743	0.9724	1.3354	2.4800e-003	0.5325	0.0386	0.5711	0.0560	0.0363	0.0923	0.0000	218.4303	218.4303	0.0485	0.0000	219.6432
2026	0.4254	0.1661	0.2635	4.5000e-004	0.1160	5.8900e-003	0.1219	0.0122	5.6600e-003	0.0178	0.0000	39.6320	39.6320	7.4100e-003	0.0000	39.8172
Maximum	**0.6743**	**2.9236**	**2.8210**	**6.0300e-003**	**2.2969**	**0.1201**	**2.4170**	**0.4725**	**0.1109**	**0.5834**	**0.0000**	**531.3992**	**531.3992**	**0.1564**	**0.0000**	**535.3080**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.2842	0.8614	1.5191	2.4800e-003	0.2949	5.2100e-003	0.3001	0.0745	5.2000e-003	0.0797	0.0000	218.0743	218.0743	0.0606	0.0000	219.5888
2024	0.2685	2.0172	3.6022	6.0300e-003	0.9702	0.0108	0.9810	0.1938	0.0108	0.2046	0.0000	531.3987	531.3987	0.1564	0.0000	535.3074
2025	0.6182	0.9230	1.5088	2.4800e-003	0.2363	6.8200e-003	0.2431	0.0263	6.8100e-003	0.0331	0.0000	218.4301	218.4301	0.0485	0.0000	219.6430
2026	0.4161	0.1730	0.2784	4.5000e-004	0.0516	1.5800e-003	0.0532	5.7200e-003	1.5800e-003	7.3000e-003	0.0000	39.6320	39.6320	7.4100e-003	0.0000	39.8171
Maximum	**0.6182**	**2.0172**	**3.6022**	**6.0300e-003**	**0.9702**	**0.0108**	**0.9810**	**0.1938**	**0.0108**	**0.2046**	**0.0000**	**531.3987**	**531.3987**	**0.1564**	**0.0000**	**535.3074**

	ROG	**NOx**	**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	**17.73**	**25.37**	**-22.00**	**0.00**	**57.40**	**88.87**	**59.19**	**58.49**	**88.03**	**64.98**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	10-1-2023	12-31-2023	0.2499	0.2390
2	1-1-2024	3-31-2024	1.1609	0.6367
3	4-1-2024	6-30-2024	1.1928	0.6951
4	7-1-2024	9-30-2024	0.2916	0.2329
5	10-1-2024	12-31-2024	0.4907	0.4758
6	1-1-2025	3-31-2025	0.3177	0.2717
7	4-1-2025	6-30-2025	0.4344	0.4035
8	7-1-2025	9-30-2025	0.5953	0.5889
9	10-1-2025	12-31-2025	0.3084	0.2833
10	1-1-2026	3-31-2026	0.5936	0.5912
		Highest	1.1928	0.6951

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0278	0.0107	0.9273	5.0000e-005		5.1500e-003	5.1500e-003		5.1500e-003	5.1500e-003	0.0000	1.5161	1.5161	1.4500e-003	0.0000	1.5524
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	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	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0278**	**0.0107**	**0.9273**	**5.0000e-005**	**0.0000**	**5.1500e-003**	**5.1500e-003**	**0.0000**	**5.1500e-003**	**5.1500e-003**	**0.0000**	**1.5161**	**1.5161**	**1.4500e-003**	**0.0000**	**1.5524**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0278	0.0107	0.9273	5.0000e-005		5.1500e-003	5.1500e-003		5.1500e-003	5.1500e-003	0.0000	1.5161	1.5161	1.4500e-003	0.0000	1.5524
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	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	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0278**	**0.0107**	**0.9273**	**5.0000e-005**	**0.0000**	**5.1500e-003**	**5.1500e-003**	**0.0000**	**5.1500e-003**	**5.1500e-003**	**0.0000**	**1.5161**	**1.5161**	**1.4500e-003**	**0.0000**	**1.5524**

	ROG	**NOx**	**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 -1	Site Preparation	4/1/2023	4/30/2023	5	20	
2	Utilities -1	Site Preparation	5/1/2023	6/30/2023	5	45	
3	Grading -1	Grading	5/1/2023	5/30/2023	5	22	
4	P1 Paving	Paving	6/1/2023	6/30/2023	5	22	
5	P1 Site Preparation (mo. 1)	Site Preparation	7/1/2023	7/31/2023	5	21	
6	P1 Building Construction 1 (mo. 2-4)	Building Construction	8/1/2023	10/31/2023	5	66	
7	P1 Architectural Coating	Architectural Coating	9/1/2023	10/31/2023	5	43	
8	P1 Building Construction 2 (mo. 5)	Building Construction	11/1/2023	11/30/2023	5	22	
9	Site Preparation -2	Site Preparation	1/1/2024	1/31/2024	5	23	
10	Grading -2	Grading	2/1/2024	6/30/2024	5	107	
11	Utilities -2	Site Preparation	5/1/2024	9/30/2024	5	109	
12	P2 Paving	Paving	7/1/2024	7/31/2024	5	23	
13	P2 Site Preparation (mo. 1)	Site Preparation	8/1/2024	8/31/2024	5	22	
14	P2 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2024	11/30/2024	5	65	
15	P2 Architectural Coating	Architectural Coating	10/1/2024	11/30/2024	5	44	
16	P2 Building Construction 2 (mo. 5)	Building Construction	12/1/2024	12/31/2024	5	22	
17	P3 Paving	Paving	12/1/2024	12/31/2024	5	22	
18	P3 Site Preparation (mo. 1)	Site Preparation	1/1/2025	1/31/2025	5	23	
19	P3 Building Construction 1 (mo. 2-4)	Building Construction	2/1/2025	4/30/2025	5	63	
20	P3 Architectural Coating	Architectural Coating	3/1/2025	4/30/2025	5	43	
21	P3 Building Construction 2 (mo. 5)	Building Construction	5/1/2025	5/31/2025	5	22	
22	P4 Paving	Paving	5/1/2025	5/31/2025	5	22	
23	P4 Site Preparation (mo. 1)	Site Preparation	6/1/2025	6/30/2025	5	21	
24	P4 Building Construction 1 (mo. 2-4)	Building Construction	7/1/2025	9/30/2025	5	66	

25	P4 Architectural Coating	Architectural Coating	8/1/2025	9/30/2025	5	43	
26	P4 Building Construction 2 (mo. 5)	Building Construction	10/1/2025	10/31/2025	5	23	
27	P5 Paving	Paving	10/1/2025	10/31/2025	5	23	
28	P5 Site Preparation (mo. 1)	Site Preparation	11/1/2025	11/30/2025	5	20	
29	P5 Building Construction 1 (mo. 2-4)	Building Construction	12/1/2025	2/28/2026	5	65	
30	P5 Architectural Coating	Architectural Coating	1/1/2026	2/28/2026	5	42	
31	P5 Building Construction 2 (mo. 5)	Building Construction	3/1/2026	3/31/2026	5	22	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 124,497; Residential Outdoor: 41,499; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation -1	Other Construction Equipment	1	8.00	172	0.42
Site Preparation -1	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation -1	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Utilities -1	Excavators	1	8.00	158	0.38
Utilities -1	Rubber Tired Dozers	0	8.00	247	0.40
Utilities -1	Rubber Tired Loaders	1	8.00	203	0.36
Utilities -1	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading -1	Excavators	2	8.00	158	0.38
Grading -1	Graders	1	8.00	187	0.41
Grading -1	Rubber Tired Dozers	1	8.00	247	0.40
Grading -1	Scrapers	2	8.00	367	0.48
Grading -1	Tractors/Loaders/Backhoes	2	8.00	97	0.37
P1 Paving	Pavers	2	8.00	130	0.42
P1 Paving	Paving Equipment	2	8.00	132	0.36
P1 Paving	Rollers	2	8.00	80	0.38
P1 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
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
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	2	8.00	65	0.37
Site Preparation -2	Other Construction Equipment	1	8.00	172	0.42

Site Preparation -2	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation -2	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading -2	Excavators	2	8.00	158	0.38
Grading -2	Graders	1	8.00	187	0.41
Grading -2	Rubber Tired Dozers	1	8.00	247	0.40
Grading -2	Scrapers	2	8.00	367	0.48
Grading -2	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Utilities -2	Excavators	1	8.00	158	0.38
Utilities -2	Rubber Tired Loaders	1	8.00	203	0.36
P2 Paving	Pavers	2	8.00	130	0.42
P2 Paving	Paving Equipment	2	8.00	132	0.36
P2 Paving	Rollers	2	8.00	80	0.38
P2 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P2 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
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
P2 Building Construction 1 (mo. 2-4)	Cranes	0	0.00	231	0.29
P2 Building Construction 1 (mo. 2-4)	Forklifts	0	0.00	89	0.20
P2 Building Construction 1 (mo. 2-4)	Generator Sets	0	0.00	84	0.74
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 Building Construction 1 (mo. 2-4)	Welders	0	0.00	46	0.45
P2 Architectural Coating	Air Compressors	2	8.00	78	0.48
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	2	8.00	65	0.37
P3 Paving	Pavers	2	8.00	130	0.42
P3 Paving	Paving Equipment	2	8.00	132	0.36

P3 Paving	Rollers	2	8.00	80	0.38
P3 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
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
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	7.00	97	0.37
P3 Architectural Coating	Air Compressors	2	8.00	78	0.48
P3 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Building Construction 2 (mo. 5)	Cranes	0	0.00	231	0.29
P3 Building Construction 2 (mo. 5)	Forklifts	0	0.00	89	0.20
P3 Building Construction 2 (mo. 5)	Generator Sets	0	0.00	84	0.74
P3 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P3 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P3 Building Construction 2 (mo. 5)	Welders	0	0.00	46	0.45
P4 Paving	Pavers	2	8.00	130	0.42
P4 Paving	Paving Equipment	2	8.00	132	0.36
P4 Paving	Rollers	2	8.00	80	0.38
P4 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
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
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
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	2	8.00	65	0.37
P5 Paving	Pavers	2	8.00	130	0.42
P5 Paving	Paving Equipment	2	8.00	132	0.36
P5 Paving	Rollers	2	8.00	80	0.38
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
P5 Building Construction 1 (mo. 2-4)	Cranes	0	0.00	231	0.29
P5 Building Construction 1 (mo. 2-4)	Forklifts	0	0.00	89	0.20
P5 Building Construction 1 (mo. 2-4)	Generator Sets	0	0.00	84	0.74
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 Building Construction 1 (mo. 2-4)	Welders	0	0.00	46	0.45
P5 Architectural Coating	Air Compressors	2	8.00	78	0.48
P5 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Building Construction 2 (mo. 5)	Cranes	0	0.00	231	0.29
P5 Building Construction 2 (mo. 5)	Forklifts	0	0.00	89	0.20
P5 Building Construction 2 (mo. 5)	Generator Sets	0	0.00	84	0.74
P5 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P5 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P5 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P5 Building Construction 2 (mo. 5)	Welders	0	0.00	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
Site Preparation -1	8	18.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Utilities -1	2	5.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading -1	8	20.00	4.00	232.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	MHDT
P1 Paving	6	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Site Preparation (mo. 1)	5	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 1 (mo. 2-	2	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Architectural Coating	2	2.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 2 (mo. 5)	4	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation -2	8	20.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading -2	8	20.00	4.00	2,731.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	MHDT
Utilities -2	2	5.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Paving	6	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Site Preparation (mo. 1)	5	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 1 (mo. 2-	2	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 2 (mo. 5)	4	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Paving	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Site Preparation (mo. 1)	5	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 1 (mo. 2-	2	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

P3 Architectural Coating	2	2.00	4.00	0.00	10.80	47.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 2 (mo. 5)	4	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Paving	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Site Preparation (mo. 1)	5	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 1 (mo. 2-	2	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 2 (mo. 5)	4	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Paving	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Site Preparation (mo. 1)	5	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 1 (mo. 2-	2	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 2 (mo. 5)	4	8.00	2.00	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 Site Preparation -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	tons/yr										MT/yr					
Fugitive Dust					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0301	0.3096	0.2225	4.4000e-004		0.0145	0.0145		0.0133	0.0133	0.0000	38.8780	38.8780	0.0126	0.0000	39.1924
Total	**0.0301**	**0.3096**	**0.2225**	**4.4000e-004**	**0.1807**	**0.0145**	**0.1951**	**0.0993**	**0.0133**	**0.1126**	**0.0000**	**38.8780**	**38.8780**	**0.0126**	**0.0000**	**39.1924**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	3.0500e-003	9.5000e-004	1.0000e-005	7.9100e-003	0.0000	7.9200e-003	8.4000e-004	0.0000	8.4000e-004	0.0000	1.0098	1.0098	7.0000e-005	0.0000	1.0115
Worker	5.6000e-004	3.7000e-004	3.8700e-003	1.0000e-005	0.0524	1.0000e-005	0.0524	5.4600e-003	1.0000e-005	5.4700e-003	0.0000	1.1683	1.1683	3.0000e-005	0.0000	1.1691
Total	**6.5000e-004**	**3.4200e-003**	**4.8200e-003**	**2.0000e-005**	**0.0603**	**1.0000e-005**	**0.0603**	**6.3000e-003**	**1.0000e-005**	**6.3100e-003**	**0.0000**	**2.1781**	**2.1781**	**1.0000e-004**	**0.0000**	**2.1806**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0705	0.0000	0.0705	0.0387	0.0000	0.0387	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.7300e-003	0.1490	0.2767	4.4000e-004		7.2000e-004	7.2000e-004		7.2000e-004	7.2000e-004	0.0000	38.8780	38.8780	0.0126	0.0000	39.1923
Total	**7.7300e-003**	**0.1490**	**0.2767**	**4.4000e-004**	**0.0705**	**7.2000e-004**	**0.0712**	**0.0387**	**7.2000e-004**	**0.0395**	**0.0000**	**38.8780**	**38.8780**	**0.0126**	**0.0000**	**39.1923**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	3.0500e-003	9.5000e-004	1.0000e-005	3.5400e-003	0.0000	3.5500e-003	4.0000e-004	0.0000	4.1000e-004	0.0000	1.0098	1.0098	7.0000e-005	0.0000	1.0115
Worker	5.6000e-004	3.7000e-004	3.8700e-003	1.0000e-005	0.0233	1.0000e-005	0.0233	2.5500e-003	1.0000e-005	2.5600e-003	0.0000	1.1683	1.1683	3.0000e-005	0.0000	1.1691
Total	**6.5000e-004**	**3.4200e-003**	**4.8200e-003**	**2.0000e-005**	**0.0268**	**1.0000e-005**	**0.0268**	**2.9500e-003**	**1.0000e-005**	**2.9700e-003**	**0.0000**	**2.1781**	**2.1781**	**1.0000e-004**	**0.0000**	**2.1806**

3.3 Utilities -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	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0103	0.0946	0.1073	2.6000e-004		3.7100e-003	3.7100e-003		3.4100e-003	3.4100e-003	0.0000	22.5685	22.5685	7.3000e-003	0.0000	22.7510
Total	**0.0103**	**0.0946**	**0.1073**	**2.6000e-004**	**0.0000**	**3.7100e-003**	**3.7100e-003**	**0.0000**	**3.4100e-003**	**3.4100e-003**	**0.0000**	**22.5685**	**22.5685**	**7.3000e-003**	**0.0000**	**22.7510**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-004	6.8600e-003	2.1300e-003	2.0000e-005	0.0178	1.0000e-005	0.0178	1.8900e-003	1.0000e-005	1.9000e-003	0.0000	2.2720	2.2720	1.5000e-004	0.0000	2.2759
Worker	3.5000e-004	2.3000e-004	2.4200e-003	1.0000e-005	0.0327	1.0000e-005	0.0327	3.4100e-003	1.0000e-005	3.4200e-003	0.0000	0.7302	0.7302	2.0000e-005	0.0000	0.7307
Total	**5.5000e-004**	**7.0900e-003**	**4.5500e-003**	**3.0000e-005**	**0.0505**	**2.0000e-005**	**0.0506**	**5.3000e-003**	**2.0000e-005**	**5.3200e-003**	**0.0000**	**3.0022**	**3.0022**	**1.7000e-004**	**0.0000**	**3.0065**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.7500e-003	0.0886	0.1636	2.6000e-004		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004	0.0000	22.5685	22.5685	7.3000e-003	0.0000	22.7509
Total	**3.7500e-003**	**0.0886**	**0.1636**	**2.6000e-004**	**0.0000**	**4.2000e-004**	**4.2000e-004**	**0.0000**	**4.2000e-004**	**4.2000e-004**	**0.0000**	**22.5685**	**22.5685**	**7.3000e-003**	**0.0000**	**22.7509**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-004	6.8600e-003	2.1300e-003	2.0000e-005	7.9700e-003	1.0000e-005	7.9800e-003	9.1000e-004	1.0000e-005	9.1000e-004	0.0000	2.2720	2.2720	1.5000e-004	0.0000	2.2759
Worker	3.5000e-004	2.3000e-004	2.4200e-003	1.0000e-005	0.0145	1.0000e-005	0.0145	1.6000e-003	1.0000e-005	1.6000e-003	0.0000	0.7302	0.7302	2.0000e-005	0.0000	0.7307
Total	**5.5000e-004**	**7.0900e-003**	**4.5500e-003**	**3.0000e-005**	**0.0225**	**2.0000e-005**	**0.0225**	**2.5100e-003**	**2.0000e-005**	**2.5100e-003**	**0.0000**	**3.0022**	**3.0022**	**1.7000e-004**	**0.0000**	**3.0065**

3.4 Grading -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	tons/yr										MT/yr					
Fugitive Dust					0.0954	0.0000	0.0954	0.0396	0.0000	0.0396	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0365	0.3797	0.3086	6.8000e-004		0.0157	0.0157		0.0144	0.0144	0.0000	59.9887	59.9887	0.0194	0.0000	60.4738
Total	**0.0365**	**0.3797**	**0.3086**	**6.8000e-004**	**0.0954**	**0.0157**	**0.1111**	**0.0396**	**0.0144**	**0.0540**	**0.0000**	**59.9887**	**59.9887**	**0.0194**	**0.0000**	**60.4738**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1000e-004	3.1100e-003	1.5000e-003	0.0000	0.0760	0.0000	0.0760	7.5900e-003	0.0000	7.5900e-003	0.0000	0.2124	0.2124	2.0000e-005	0.0000	0.2128
Vendor	1.0000e-004	3.3500e-003	1.0400e-003	1.0000e-005	8.7100e-003	0.0000	8.7100e-003	9.2000e-004	0.0000	9.3000e-004	0.0000	1.1108	1.1108	8.0000e-005	0.0000	1.1127
Worker	6.9000e-004	4.5000e-004	4.7300e-003	2.0000e-005	0.0640	1.0000e-005	0.0640	6.6800e-003	1.0000e-005	6.6900e-003	0.0000	1.4279	1.4279	4.0000e-005	0.0000	1.4289
Total	**9.0000e-004**	**6.9100e-003**	**7.2700e-003**	**3.0000e-005**	**0.1487**	**1.0000e-005**	**0.1488**	**0.0152**	**1.0000e-005**	**0.0152**	**0.0000**	**2.7511**	**2.7511**	**1.4000e-004**	**0.0000**	**2.7543**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0372	0.0000	0.0372	0.0154	0.0000	0.0154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0111	0.2120	0.4040	6.8000e-004		1.1200e-003	1.1200e-003		1.1200e-003	1.1200e-003	0.0000	59.9887	59.9887	0.0194	0.0000	60.4737
Total	**0.0111**	**0.2120**	**0.4040**	**6.8000e-004**	**0.0372**	**1.1200e-003**	**0.0383**	**0.0154**	**1.1200e-003**	**0.0166**	**0.0000**	**59.9887**	**59.9887**	**0.0194**	**0.0000**	**60.4737**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1000e-004	3.1100e-003	1.5000e-003	0.0000	0.0326	0.0000	0.0326	3.2600e-003	0.0000	3.2600e-003	0.0000	0.2124	0.2124	2.0000e-005	0.0000	0.2128
Vendor	1.0000e-004	3.3500e-003	1.0400e-003	1.0000e-005	3.9000e-003	0.0000	3.9000e-003	4.4000e-004	0.0000	4.5000e-004	0.0000	1.1108	1.1108	8.0000e-005	0.0000	1.1127
Worker	6.9000e-004	4.5000e-004	4.7300e-003	2.0000e-005	0.0284	1.0000e-005	0.0284	3.1200e-003	1.0000e-005	3.1300e-003	0.0000	1.4279	1.4279	4.0000e-005	0.0000	1.4289
Total	**9.0000e-004**	**6.9100e-003**	**7.2700e-003**	**3.0000e-005**	**0.0649**	**1.0000e-005**	**0.0649**	**6.8200e-003**	**1.0000e-005**	**6.8400e-003**	**0.0000**	**2.7511**	**2.7511**	**1.4000e-004**	**0.0000**	**2.7543**

3.5 P1 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0296	22.0296	7.1200e-003	0.0000	22.2077
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0114**	**0.1121**	**0.1604**	**2.5000e-004**		**5.6100e-003**	**5.6100e-003**		**5.1600e-003**	**5.1600e-003**	**0.0000**	**22.0296**	**22.0296**	**7.1200e-003**	**0.0000**	**22.2077**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	3.3500e-003	1.0400e-003	1.0000e-005	8.7100e-003	0.0000	8.7100e-003	9.2000e-004	0.0000	9.3000e-004	0.0000	1.1108	1.1108	8.0000e-005	0.0000	1.1127
Worker	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2856	0.2856	1.0000e-005	0.0000	0.2858
Total	**2.4000e-004**	**3.4400e-003**	**1.9900e-003**	**1.0000e-005**	**0.0215**	**0.0000**	**0.0215**	**2.2600e-003**	**0.0000**	**2.2700e-003**	**0.0000**	**1.3964**	**1.3964**	**9.0000e-005**	**0.0000**	**1.3984**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.6700e-003	0.1104	0.1903	2.5000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	22.0295	22.0295	7.1200e-003	0.0000	22.2077
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.6700e-003**	**0.1104**	**0.1903**	**2.5000e-004**		**4.1000e-004**	**4.1000e-004**		**4.1000e-004**	**4.1000e-004**	**0.0000**	**22.0295**	**22.0295**	**7.1200e-003**	**0.0000**	**22.2077**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	3.3500e-003	1.0400e-003	1.0000e-005	3.9000e-003	0.0000	3.9000e-003	4.4000e-004	0.0000	4.5000e-004	0.0000	1.1108	1.1108	8.0000e-005	0.0000	1.1127
Worker	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	5.6800e-003	0.0000	5.6900e-003	6.2000e-004	0.0000	6.3000e-004	0.0000	0.2856	0.2856	1.0000e-005	0.0000	0.2858
Total	**2.4000e-004**	**3.4400e-003**	**1.9900e-003**	**1.0000e-005**	**9.5800e-003**	**0.0000**	**9.5900e-003**	**1.0600e-003**	**0.0000**	**1.0800e-003**	**0.0000**	**1.3964**	**1.3964**	**9.0000e-005**	**0.0000**	**1.3984**

3.6 P1 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	tons/yr										MT/yr					
Fugitive Dust					5.5700e-003	0.0000	5.5700e-003	6.0000e-004	0.0000	6.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0124	0.1247	0.1019	2.0000e-004		5.8100e-003	5.8100e-003		5.4700e-003	5.4700e-003	0.0000	17.5467	17.5467	3.9200e-003	0.0000	17.6448
Total	**0.0124**	**0.1247**	**0.1019**	**2.0000e-004**	**5.5700e-003**	**5.8100e-003**	**0.0114**	**6.0000e-004**	**5.4700e-003**	**6.0700e-003**	**0.0000**	**17.5467**	**17.5467**	**3.9200e-003**	**0.0000**	**17.6448**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6000e-003	5.0000e-004	1.0000e-005	4.1600e-003	0.0000	4.1600e-003	4.4000e-004	0.0000	4.4000e-004	0.0000	0.5301	0.5301	4.0000e-005	0.0000	0.5310
Worker	2.0000e-004	1.3000e-004	1.3600e-003	0.0000	0.0183	0.0000	0.0183	1.9100e-003	0.0000	1.9100e-003	0.0000	0.4089	0.4089	1.0000e-005	0.0000	0.4092
Total	**2.5000e-004**	**1.7300e-003**	**1.8600e-003**	**1.0000e-005**	**0.0225**	**0.0000**	**0.0225**	**2.3500e-003**	**0.0000**	**2.3500e-003**	**0.0000**	**0.9390**	**0.9390**	**5.0000e-005**	**0.0000**	**0.9402**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.1700e-003	0.0000	2.1700e-003	2.3000e-004	0.0000	2.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.7300e-003	0.0706	0.1227	2.0000e-004		7.6000e-004	7.6000e-004		7.6000e-004	7.6000e-004	0.0000	17.5467	17.5467	3.9200e-003	0.0000	17.6448
Total	**3.7300e-003**	**0.0706**	**0.1227**	**2.0000e-004**	**2.1700e-003**	**7.6000e-004**	**2.9300e-003**	**2.3000e-004**	**7.6000e-004**	**9.9000e-004**	**0.0000**	**17.5467**	**17.5467**	**3.9200e-003**	**0.0000**	**17.6448**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6000e-003	5.0000e-004	1.0000e-005	1.8600e-003	0.0000	1.8600e-003	2.1000e-004	0.0000	2.1000e-004	0.0000	0.5301	0.5301	4.0000e-005	0.0000	0.5310
Worker	2.0000e-004	1.3000e-004	1.3600e-003	0.0000	8.1400e-003	0.0000	8.1400e-003	8.9000e-004	0.0000	9.0000e-004	0.0000	0.4089	0.4089	1.0000e-005	0.0000	0.4092
Total	**2.5000e-004**	**1.7300e-003**	**1.8600e-003**	**1.0000e-005**	**0.0100**	**0.0000**	**0.0100**	**1.1000e-003**	**0.0000**	**1.1100e-003**	**0.0000**	**0.9390**	**0.9390**	**5.0000e-005**	**0.0000**	**0.9402**

3.7 P1 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	tons/yr										MT/yr					
Off-Road	8.4900e-003	0.0969	0.1491	2.2000e-004		3.9900e-003	3.9900e-003		3.6700e-003	3.6700e-003	0.0000	19.0214	19.0214	6.1500e-003	0.0000	19.1752
Total	**8.4900e-003**	**0.0969**	**0.1491**	**2.2000e-004**		**3.9900e-003**	**3.9900e-003**		**3.6700e-003**	**3.6700e-003**	**0.0000**	**19.0214**	**19.0214**	**6.1500e-003**	**0.0000**	**19.1752**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5000e-004	5.0300e-003	1.5600e-003	2.0000e-005	0.0131	1.0000e-005	0.0131	1.3800e-003	1.0000e-005	1.3900e-003	0.0000	1.6661	1.6661	1.1000e-004	0.0000	1.6690
Worker	6.2000e-004	4.1000e-004	4.2600e-003	1.0000e-005	0.0576	1.0000e-005	0.0576	6.0100e-003	1.0000e-005	6.0200e-003	0.0000	1.2852	1.2852	3.0000e-005	0.0000	1.2860
Total	**7.7000e-004**	**5.4400e-003**	**5.8200e-003**	**3.0000e-005**	**0.0707**	**2.0000e-005**	**0.0707**	**7.3900e-003**	**2.0000e-005**	**7.4100e-003**	**0.0000**	**2.9513**	**2.9513**	**1.4000e-004**	**0.0000**	**2.9550**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.8600e-003	0.0945	0.1634	2.2000e-004		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	19.0214	19.0214	6.1500e-003	0.0000	19.1752
Total	**4.8600e-003**	**0.0945**	**0.1634**	**2.2000e-004**		**3.5000e-004**	**3.5000e-004**		**3.5000e-004**	**3.5000e-004**	**0.0000**	**19.0214**	**19.0214**	**6.1500e-003**	**0.0000**	**19.1752**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5000e-004	5.0300e-003	1.5600e-003	2.0000e-005	5.8400e-003	1.0000e-005	5.8500e-003	6.6000e-004	1.0000e-005	6.7000e-004	0.0000	1.6661	1.6661	1.1000e-004	0.0000	1.6690
Worker	6.2000e-004	4.1000e-004	4.2600e-003	1.0000e-005	0.0256	1.0000e-005	0.0256	2.8100e-003	1.0000e-005	2.8200e-003	0.0000	1.2852	1.2852	3.0000e-005	0.0000	1.2860
Total	**7.7000e-004**	**5.4400e-003**	**5.8200e-003**	**3.0000e-005**	**0.0314**	**2.0000e-005**	**0.0314**	**3.4700e-003**	**2.0000e-005**	**3.4900e-003**	**0.0000**	**2.9513**	**2.9513**	**1.4000e-004**	**0.0000**	**2.9550**

3.8 P1 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2404					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0110	0.0747	0.1038	1.7000e-004		4.0600e-003	4.0600e-003		4.0600e-003	4.0600e-003	0.0000	14.6387	14.6387	8.8000e-004	0.0000	14.6606
Total	**0.2514**	**0.0747**	**0.1038**	**1.7000e-004**		**4.0600e-003**	**4.0600e-003**		**4.0600e-003**	**4.0600e-003**	**0.0000**	**14.6387**	**14.6387**	**8.8000e-004**	**0.0000**	**14.6606**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	3.2800e-003	1.0200e-003	1.0000e-005	8.5100e-003	0.0000	8.5100e-003	9.0000e-004	0.0000	9.1000e-004	0.0000	1.0855	1.0855	7.0000e-005	0.0000	1.0874
Worker	1.3000e-004	9.0000e-005	9.2000e-004	0.0000	0.0125	0.0000	0.0125	1.3000e-003	0.0000	1.3100e-003	0.0000	0.2791	0.2791	1.0000e-005	0.0000	0.2793
Total	**2.3000e-004**	**3.3700e-003**	**1.9400e-003**	**1.0000e-005**	**0.0210**	**0.0000**	**0.0210**	**2.2000e-003**	**0.0000**	**2.2200e-003**	**0.0000**	**1.3646**	**1.3646**	**8.0000e-005**	**0.0000**	**1.3666**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2404					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1200e-003	0.0608	0.1051	1.7000e-004		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	14.6386	14.6386	8.8000e-004	0.0000	14.6605
Total	**0.2436**	**0.0608**	**0.1051**	**1.7000e-004**		**2.3000e-004**	**2.3000e-004**		**2.3000e-004**	**2.3000e-004**	**0.0000**	**14.6386**	**14.6386**	**8.8000e-004**	**0.0000**	**14.6605**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	3.2800e-003	1.0200e-003	1.0000e-005	3.8100e-003	0.0000	3.8100e-003	4.3000e-004	0.0000	4.4000e-004	0.0000	1.0855	1.0855	7.0000e-005	0.0000	1.0874
Worker	1.3000e-004	9.0000e-005	9.2000e-004	0.0000	5.5600e-003	0.0000	5.5600e-003	6.1000e-004	0.0000	6.1000e-004	0.0000	0.2791	0.2791	1.0000e-005	0.0000	0.2793
Total	**2.3000e-004**	**3.3700e-003**	**1.9400e-003**	**1.0000e-005**	**9.3700e-003**	**0.0000**	**9.3700e-003**	**1.0400e-003**	**0.0000**	**1.0500e-003**	**0.0000**	**1.3646**	**1.3646**	**8.0000e-005**	**0.0000**	**1.3666**

3.9 P1 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	tons/yr										MT/yr					
Off-Road	3.2400e-003	0.0385	0.0590	9.0000e-005		1.3000e-003	1.3000e-003		1.2000e-003	1.2000e-003	0.0000	7.8365	7.8365	2.4200e-003	0.0000	7.8971
Total	**3.2400e-003**	**0.0385**	**0.0590**	**9.0000e-005**		**1.3000e-003**	**1.3000e-003**		**1.2000e-003**	**1.2000e-003**	**0.0000**	**7.8365**	**7.8365**	**2.4200e-003**	**0.0000**	**7.8971**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6800e-003	5.2000e-004	1.0000e-005	4.3500e-003	0.0000	4.3500e-003	4.6000e-004	0.0000	4.6000e-004	0.0000	0.5554	0.5554	4.0000e-005	0.0000	0.5563
Worker	2.1000e-004	1.4000e-004	1.4200e-003	0.0000	0.0192	0.0000	0.0192	2.0000e-003	0.0000	2.0100e-003	0.0000	0.4284	0.4284	1.0000e-005	0.0000	0.4287
Total	**2.6000e-004**	**1.8200e-003**	**1.9400e-003**	**1.0000e-005**	**0.0236**	**0.0000**	**0.0236**	**2.4600e-003**	**0.0000**	**2.4700e-003**	**0.0000**	**0.9838**	**0.9838**	**5.0000e-005**	**0.0000**	**0.9850**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.9700e-003	0.0422	0.0632	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	7.8365	7.8365	2.4200e-003	0.0000	7.8970
Total	**1.9700e-003**	**0.0422**	**0.0632**	**9.0000e-005**		**1.1100e-003**	**1.1100e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**7.8365**	**7.8365**	**2.4200e-003**	**0.0000**	**7.8970**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6800e-003	5.2000e-004	1.0000e-005	1.9500e-003	0.0000	1.9500e-003	2.2000e-004	0.0000	2.2000e-004	0.0000	0.5554	0.5554	4.0000e-005	0.0000	0.5563
Worker	2.1000e-004	1.4000e-004	1.4200e-003	0.0000	8.5300e-003	0.0000	8.5300e-003	9.4000e-004	0.0000	9.4000e-004	0.0000	0.4284	0.4284	1.0000e-005	0.0000	0.4287
Total	**2.6000e-004**	**1.8200e-003**	**1.9400e-003**	**1.0000e-005**	**0.0105**	**0.0000**	**0.0105**	**1.1600e-003**	**0.0000**	**1.1600e-003**	**0.0000**	**0.9838**	**0.9838**	**5.0000e-005**	**0.0000**	**0.9850**

3.10 Site Preparation -2 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2078	0.0000	0.2078	0.1142	0.0000	0.1142	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0344	0.3495	0.2570	5.1000e-004		0.0160	0.0160		0.0148	0.0148	0.0000	44.7169	44.7169	0.0145	0.0000	45.0784
Total	**0.0344**	**0.3495**	**0.2570**	**5.1000e-004**	**0.2078**	**0.0160**	**0.2238**	**0.1142**	**0.0148**	**0.1290**	**0.0000**	**44.7169**	**44.7169**	**0.0145**	**0.0000**	**45.0784**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	3.4600e-003	1.0500e-003	1.0000e-005	9.1000e-003	0.0000	9.1100e-003	9.7000e-004	0.0000	9.7000e-004	0.0000	1.1539	1.1539	8.0000e-005	0.0000	1.1558
Worker	6.8000e-004	4.4000e-004	4.6200e-003	2.0000e-005	0.0669	1.0000e-005	0.0669	6.9800e-003	1.0000e-005	6.9900e-003	0.0000	1.4341	1.4341	4.0000e-005	0.0000	1.4350
Total	**7.8000e-004**	**3.9000e-003**	**5.6700e-003**	**3.0000e-005**	**0.0760**	**1.0000e-005**	**0.0760**	**7.9500e-003**	**1.0000e-005**	**7.9600e-003**	**0.0000**	**2.5880**	**2.5880**	**1.2000e-004**	**0.0000**	**2.5908**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0810	0.0000	0.0810	0.0445	0.0000	0.0445	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.8900e-003	0.1714	0.3183	5.1000e-004		8.3000e-004	8.3000e-004		8.3000e-004	8.3000e-004	0.0000	44.7168	44.7168	0.0145	0.0000	45.0784
Total	**8.8900e-003**	**0.1714**	**0.3183**	**5.1000e-004**	**0.0810**	**8.3000e-004**	**0.0819**	**0.0445**	**8.3000e-004**	**0.0454**	**0.0000**	**44.7168**	**44.7168**	**0.0145**	**0.0000**	**45.0784**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	3.4600e-003	1.0500e-003	1.0000e-005	4.0700e-003	0.0000	4.0800e-003	4.6000e-004	0.0000	4.7000e-004	0.0000	1.1539	1.1539	8.0000e-005	0.0000	1.1558
Worker	6.8000e-004	4.4000e-004	4.6200e-003	2.0000e-005	0.0297	1.0000e-005	0.0297	3.2600e-003	1.0000e-005	3.2700e-003	0.0000	1.4341	1.4341	4.0000e-005	0.0000	1.4350
Total	**7.8000e-004**	**3.9000e-003**	**5.6700e-003**	**3.0000e-005**	**0.0338**	**1.0000e-005**	**0.0338**	**3.7200e-003**	**1.0000e-005**	**3.7400e-003**	**0.0000**	**2.5880**	**2.5880**	**1.2000e-004**	**0.0000**	**2.5908**

3.11 Grading -2 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4640	0.0000	0.4640	0.1924	0.0000	0.1924	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1722	1.7322	1.4832	3.3200e-003		0.0714	0.0714		0.0657	0.0657	0.0000	291.6795	291.6795	0.0943	0.0000	294.0378
Total	**0.1722**	**1.7322**	**1.4832**	**3.3200e-003**	**0.4640**	**0.0714**	**0.5355**	**0.1924**	**0.0657**	**0.2581**	**0.0000**	**291.6795**	**291.6795**	**0.0943**	**0.0000**	**294.0378**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1600e-003	0.0367	0.0161	3.0000e-005	0.8949	1.0000e-005	0.8949	0.0894	1.0000e-005	0.0894	0.0000	2.4948	2.4948	1.7000e-004	0.0000	2.4990
Vendor	4.6000e-004	0.0161	4.9000e-003	5.0000e-005	0.0423	2.0000e-005	0.0424	4.4900e-003	2.0000e-005	4.5100e-003	0.0000	5.3680	5.3680	3.6000e-004	0.0000	5.3771
Worker	3.1700e-003	2.0300e-003	0.0215	7.0000e-005	0.3113	6.0000e-005	0.3114	0.0325	5.0000e-005	0.0325	0.0000	6.6716	6.6716	1.7000e-004	0.0000	6.6757
Total	**4.7900e-003**	**0.0549**	**0.0424**	**1.5000e-004**	**1.2486**	**9.0000e-005**	**1.2487**	**0.1263**	**8.0000e-005**	**0.1264**	**0.0000**	**14.5344**	**14.5344**	**7.0000e-004**	**0.0000**	**14.5518**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1810	0.0000	0.1810	0.0750	0.0000	0.0750	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0541	1.0310	1.9647	3.3200e-003		5.4300e-003	5.4300e-003		5.4300e-003	5.4300e-003	0.0000	291.6791	291.6791	0.0943	0.0000	294.0375
Total	**0.0541**	**1.0310**	**1.9647**	**3.3200e-003**	**0.1810**	**5.4300e-003**	**0.1864**	**0.0750**	**5.4300e-003**	**0.0805**	**0.0000**	**291.6791**	**291.6791**	**0.0943**	**0.0000**	**294.0375**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1600e-003	0.0367	0.0161	3.0000e-005	0.3837	1.0000e-005	0.3837	0.0383	1.0000e-005	0.0383	0.0000	2.4948	2.4948	1.7000e-004	0.0000	2.4990
Vendor	4.6000e-004	0.0161	4.9000e-003	5.0000e-005	0.0190	2.0000e-005	0.0190	2.1500e-003	2.0000e-005	2.1700e-003	0.0000	5.3680	5.3680	3.6000e-004	0.0000	5.3771
Worker	3.1700e-003	2.0300e-003	0.0215	7.0000e-005	0.1382	6.0000e-005	0.1383	0.0152	5.0000e-005	0.0152	0.0000	6.6716	6.6716	1.7000e-004	0.0000	6.6757
Total	**4.7900e-003**	**0.0549**	**0.0424**	**1.5000e-004**	**0.5409**	**9.0000e-005**	**0.5410**	**0.0557**	**8.0000e-005**	**0.0557**	**0.0000**	**14.5344**	**14.5344**	**7.0000e-004**	**0.0000**	**14.5518**

3.12 Utilities -2 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0237	0.2033	0.2595	6.2000e-004		8.0100e-003	8.0100e-003		7.3700e-003	7.3700e-003	0.0000	54.6715	54.6715	0.0177	0.0000	55.1135
Total	**0.0237**	**0.2033**	**0.2595**	**6.2000e-004**	**0.0000**	**8.0100e-003**	**8.0100e-003**	**0.0000**	**7.3700e-003**	**7.3700e-003**	**0.0000**	**54.6715**	**54.6715**	**0.0177**	**0.0000**	**55.1135**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7000e-004	0.0164	4.9900e-003	6.0000e-005	0.0431	2.0000e-005	0.0432	4.5700e-003	2.0000e-005	4.5900e-003	0.0000	5.4683	5.4683	3.7000e-004	0.0000	5.4776
Worker	8.1000e-004	5.2000e-004	5.4700e-003	2.0000e-005	0.0793	1.0000e-005	0.0793	8.2700e-003	1.0000e-005	8.2800e-003	0.0000	1.6991	1.6991	4.0000e-005	0.0000	1.7001
Total	**1.2800e-003**	**0.0169**	**0.0105**	**8.0000e-005**	**0.1224**	**3.0000e-005**	**0.1224**	**0.0128**	**3.0000e-005**	**0.0129**	**0.0000**	**7.1674**	**7.1674**	**4.1000e-004**	**0.0000**	**7.1777**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.0800e-003	0.2147	0.3962	6.2000e-004		1.0200e-003	1.0200e-003		1.0200e-003	1.0200e-003	0.0000	54.6714	54.6714	0.0177	0.0000	55.1135
Total	**9.0800e-003**	**0.2147**	**0.3962**	**6.2000e-004**	**0.0000**	**1.0200e-003**	**1.0200e-003**	**0.0000**	**1.0200e-003**	**1.0200e-003**	**0.0000**	**54.6714**	**54.6714**	**0.0177**	**0.0000**	**55.1135**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7000e-004	0.0164	4.9900e-003	6.0000e-005	0.0193	2.0000e-005	0.0193	2.1900e-003	2.0000e-005	2.2100e-003	0.0000	5.4683	5.4683	3.7000e-004	0.0000	5.4776
Worker	8.1000e-004	5.2000e-004	5.4700e-003	2.0000e-005	0.0352	1.0000e-005	0.0352	3.8700e-003	1.0000e-005	3.8800e-003	0.0000	1.6991	1.6991	4.0000e-005	0.0000	1.7001
Total	**1.2800e-003**	**0.0169**	**0.0105**	**8.0000e-005**	**0.0545**	**3.0000e-005**	**0.0545**	**6.0600e-003**	**3.0000e-005**	**6.0900e-003**	**0.0000**	**7.1674**	**7.1674**	**4.1000e-004**	**0.0000**	**7.1777**

3.13 P2 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1095	0.1682	2.6000e-004		5.3900e-003	5.3900e-003		4.9600e-003	4.9600e-003	0.0000	23.0305	23.0305	7.4500e-003	0.0000	23.2167
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0114**	**0.1095**	**0.1682**	**2.6000e-004**		**5.3900e-003**	**5.3900e-003**		**4.9600e-003**	**4.9600e-003**	**0.0000**	**23.0305**	**23.0305**	**7.4500e-003**	**0.0000**	**23.2167**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	3.4600e-003	1.0500e-003	1.0000e-005	9.1000e-003	0.0000	9.1100e-003	9.7000e-004	0.0000	9.7000e-004	0.0000	1.1539	1.1539	8.0000e-005	0.0000	1.1558
Worker	1.4000e-004	9.0000e-005	9.2000e-004	0.0000	0.0134	0.0000	0.0134	1.4000e-003	0.0000	1.4000e-003	0.0000	0.2868	0.2868	1.0000e-005	0.0000	0.2870
Total	**2.4000e-004**	**3.5500e-003**	**1.9700e-003**	**1.0000e-005**	**0.0225**	**0.0000**	**0.0225**	**2.3700e-003**	**0.0000**	**2.3700e-003**	**0.0000**	**1.4407**	**1.4407**	**9.0000e-005**	**0.0000**	**1.4428**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.8400e-003	0.1155	0.1989	2.6000e-004		4.3000e-004	4.3000e-004		4.3000e-004	4.3000e-004	0.0000	23.0305	23.0305	7.4500e-003	0.0000	23.2167
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.8400e-003**	**0.1155**	**0.1989**	**2.6000e-004**		**4.3000e-004**	**4.3000e-004**		**4.3000e-004**	**4.3000e-004**	**0.0000**	**23.0305**	**23.0305**	**7.4500e-003**	**0.0000**	**23.2167**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	3.4600e-003	1.0500e-003	1.0000e-005	4.0700e-003	0.0000	4.0800e-003	4.6000e-004	0.0000	4.7000e-004	0.0000	1.1539	1.1539	8.0000e-005	0.0000	1.1558
Worker	1.4000e-004	9.0000e-005	9.2000e-004	0.0000	5.9400e-003	0.0000	5.9500e-003	6.5000e-004	0.0000	6.5000e-004	0.0000	0.2868	0.2868	1.0000e-005	0.0000	0.2870
Total	**2.4000e-004**	**3.5500e-003**	**1.9700e-003**	**1.0000e-005**	**0.0100**	**0.0000**	**0.0100**	**1.1100e-003**	**0.0000**	**1.1200e-003**	**0.0000**	**1.4407**	**1.4407**	**9.0000e-005**	**0.0000**	**1.4428**

3.14 P2 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	tons/yr										MT/yr					
Fugitive Dust					5.8300e-003	0.0000	5.8300e-003	6.3000e-004	0.0000	6.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0123	0.1220	0.1063	2.1000e-004		5.6300e-003	5.6300e-003		5.2900e-003	5.2900e-003	0.0000	18.3792	18.3792	4.1000e-003	0.0000	18.4816
Total	**0.0123**	**0.1220**	**0.1063**	**2.1000e-004**	**5.8300e-003**	**5.6300e-003**	**0.0115**	**6.3000e-004**	**5.2900e-003**	**5.9200e-003**	**0.0000**	**18.3792**	**18.3792**	**4.1000e-003**	**0.0000**	**18.4816**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6500e-003	5.0000e-004	1.0000e-005	4.3500e-003	0.0000	4.3500e-003	4.6000e-004	0.0000	4.6000e-004	0.0000	0.5519	0.5519	4.0000e-005	0.0000	0.5528
Worker	1.3000e-004	8.0000e-005	8.8000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2744	0.2744	1.0000e-005	0.0000	0.2745
Total	**1.8000e-004**	**1.7300e-003**	**1.3800e-003**	**1.0000e-005**	**0.0172**	**0.0000**	**0.0172**	**1.8000e-003**	**0.0000**	**1.8000e-003**	**0.0000**	**0.8262**	**0.8262**	**5.0000e-005**	**0.0000**	**0.8273**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.2700e-003	0.0000	2.2700e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.9100e-003	0.0740	0.1286	2.1000e-004		8.0000e-004	8.0000e-004		8.0000e-004	8.0000e-004	0.0000	18.3792	18.3792	4.1000e-003	0.0000	18.4816
Total	**3.9100e-003**	**0.0740**	**0.1286**	**2.1000e-004**	**2.2700e-003**	**8.0000e-004**	**3.0700e-003**	**2.5000e-004**	**8.0000e-004**	**1.0500e-003**	**0.0000**	**18.3792**	**18.3792**	**4.1000e-003**	**0.0000**	**18.4816**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6500e-003	5.0000e-004	1.0000e-005	1.9500e-003	0.0000	1.9500e-003	2.2000e-004	0.0000	2.2000e-004	0.0000	0.5519	0.5519	4.0000e-005	0.0000	0.5528
Worker	1.3000e-004	8.0000e-005	8.8000e-004	0.0000	5.6800e-003	0.0000	5.6900e-003	6.2000e-004	0.0000	6.3000e-004	0.0000	0.2744	0.2744	1.0000e-005	0.0000	0.2745
Total	**1.8000e-004**	**1.7300e-003**	**1.3800e-003**	**1.0000e-005**	**7.6300e-003**	**0.0000**	**7.6400e-003**	**8.4000e-004**	**0.0000**	**8.5000e-004**	**0.0000**	**0.8262**	**0.8262**	**5.0000e-005**	**0.0000**	**0.8273**

3.15 P2 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	tons/yr										MT/yr					
Off-Road	8.0100e-003	0.0910	0.1471	2.1000e-004		3.5000e-003	3.5000e-003		3.2200e-003	3.2200e-003	0.0000	18.7369	18.7369	6.0600e-003	0.0000	18.8884
Total	**8.0100e-003**	**0.0910**	**0.1471**	**2.1000e-004**		**3.5000e-003**	**3.5000e-003**		**3.2200e-003**	**3.2200e-003**	**0.0000**	**18.7369**	**18.7369**	**6.0600e-003**	**0.0000**	**18.8884**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.8900e-003	1.4900e-003	2.0000e-005	0.0129	1.0000e-005	0.0129	1.3600e-003	1.0000e-005	1.3700e-003	0.0000	1.6305	1.6305	1.1000e-004	0.0000	1.6332
Worker	3.9000e-004	2.5000e-004	2.6100e-003	1.0000e-005	0.0378	1.0000e-005	0.0378	3.9400e-003	1.0000e-005	3.9500e-003	0.0000	0.8106	0.8106	2.0000e-005	0.0000	0.8111
Total	**5.3000e-004**	**5.1400e-003**	**4.1000e-003**	**3.0000e-005**	**0.0507**	**2.0000e-005**	**0.0507**	**5.3000e-003**	**2.0000e-005**	**5.3200e-003**	**0.0000**	**2.4410**	**2.4410**	**1.3000e-004**	**0.0000**	**2.4443**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.7900e-003	0.0931	0.1610	2.1000e-004		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	18.7368	18.7368	6.0600e-003	0.0000	18.8883
Total	**4.7900e-003**	**0.0931**	**0.1610**	**2.1000e-004**		**3.5000e-004**	**3.5000e-004**		**3.5000e-004**	**3.5000e-004**	**0.0000**	**18.7368**	**18.7368**	**6.0600e-003**	**0.0000**	**18.8883**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.8900e-003	1.4900e-003	2.0000e-005	5.7500e-003	1.0000e-005	5.7600e-003	6.5000e-004	1.0000e-005	6.6000e-004	0.0000	1.6305	1.6305	1.1000e-004	0.0000	1.6332
Worker	3.9000e-004	2.5000e-004	2.6100e-003	1.0000e-005	0.0168	1.0000e-005	0.0168	1.8400e-003	1.0000e-005	1.8500e-003	0.0000	0.8106	0.8106	2.0000e-005	0.0000	0.8111
Total	**5.3000e-004**	**5.1400e-003**	**4.1000e-003**	**3.0000e-005**	**0.0225**	**2.0000e-005**	**0.0226**	**2.4900e-003**	**2.0000e-005**	**2.5100e-003**	**0.0000**	**2.4410**	**2.4410**	**1.3000e-004**	**0.0000**	**2.4443**

3.16 P2 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	tons/yr										MT/yr					
Archit. Coating	0.1665					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0106	0.0715	0.1062	1.7000e-004		3.5700e-003	3.5700e-003		3.5700e-003	3.5700e-003	0.0000	14.9791	14.9791	8.4000e-004	0.0000	15.0002
Total	**0.1771**	**0.0715**	**0.1062**	**1.7000e-004**		**3.5700e-003**	**3.5700e-003**		**3.5700e-003**	**3.5700e-003**	**0.0000**	**14.9791**	**14.9791**	**8.4000e-004**	**0.0000**	**15.0002**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9000e-004	6.6100e-003	2.0100e-003	2.0000e-005	0.0174	1.0000e-005	0.0174	1.8500e-003	1.0000e-005	1.8500e-003	0.0000	2.2074	2.2074	1.5000e-004	0.0000	2.2111
Worker	1.3000e-004	8.0000e-005	8.8000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2744	0.2744	1.0000e-005	0.0000	0.2745
Total	**3.2000e-004**	**6.6900e-003**	**2.8900e-003**	**2.0000e-005**	**0.0302**	**1.0000e-005**	**0.0302**	**3.1900e-003**	**1.0000e-005**	**3.1900e-003**	**0.0000**	**2.4818**	**2.4818**	**1.6000e-004**	**0.0000**	**2.4857**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1665					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2000e-003	0.0622	0.1075	1.7000e-004		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	14.9791	14.9791	8.4000e-004	0.0000	15.0002
Total	**0.1697**	**0.0622**	**0.1075**	**1.7000e-004**		**2.3000e-004**	**2.3000e-004**		**2.3000e-004**	**2.3000e-004**	**0.0000**	**14.9791**	**14.9791**	**8.4000e-004**	**0.0000**	**15.0002**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9000e-004	6.6100e-003	2.0100e-003	2.0000e-005	7.7900e-003	1.0000e-005	7.8000e-003	8.9000e-004	1.0000e-005	8.9000e-004	0.0000	2.2074	2.2074	1.5000e-004	0.0000	2.2111
Worker	1.3000e-004	8.0000e-005	8.8000e-004	0.0000	5.6800e-003	0.0000	5.6900e-003	6.2000e-004	0.0000	6.3000e-004	0.0000	0.2744	0.2744	1.0000e-005	0.0000	0.2745
Total	**3.2000e-004**	**6.6900e-003**	**2.8900e-003**	**2.0000e-005**	**0.0135**	**1.0000e-005**	**0.0135**	**1.5100e-003**	**1.0000e-005**	**1.5200e-003**	**0.0000**	**2.4818**	**2.4818**	**1.6000e-004**	**0.0000**	**2.4857**

3.17 P2 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	tons/yr										MT/yr					
Off-Road	3.1400e-003	0.0371	0.0590	9.0000e-005		1.1900e-003	1.1900e-003		1.1100e-003	1.1100e-003	0.0000	7.8374	7.8374	2.4200e-003	0.0000	7.8980
Total	**3.1400e-003**	**0.0371**	**0.0590**	**9.0000e-005**		**1.1900e-003**	**1.1900e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**7.8374**	**7.8374**	**2.4200e-003**	**0.0000**	**7.8980**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6500e-003	5.0000e-004	1.0000e-005	4.3500e-003	0.0000	4.3500e-003	4.6000e-004	0.0000	4.6000e-004	0.0000	0.5519	0.5519	4.0000e-005	0.0000	0.5528
Worker	1.3000e-004	8.0000e-005	8.8000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2744	0.2744	1.0000e-005	0.0000	0.2745
Total	**1.8000e-004**	**1.7300e-003**	**1.3800e-003**	**1.0000e-005**	**0.0172**	**0.0000**	**0.0172**	**1.8000e-003**	**0.0000**	**1.8000e-003**	**0.0000**	**0.8262**	**0.8262**	**5.0000e-005**	**0.0000**	**0.8273**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.9700e-003	0.0422	0.0632	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	7.8374	7.8374	2.4200e-003	0.0000	7.8980
Total	**1.9700e-003**	**0.0422**	**0.0632**	**9.0000e-005**		**1.1100e-003**	**1.1100e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**7.8374**	**7.8374**	**2.4200e-003**	**0.0000**	**7.8980**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6500e-003	5.0000e-004	1.0000e-005	1.9500e-003	0.0000	1.9500e-003	2.2000e-004	0.0000	2.2000e-004	0.0000	0.5519	0.5519	4.0000e-005	0.0000	0.5528
Worker	1.3000e-004	8.0000e-005	8.8000e-004	0.0000	5.6800e-003	0.0000	5.6900e-003	6.2000e-004	0.0000	6.3000e-004	0.0000	0.2744	0.2744	1.0000e-005	0.0000	0.2745
Total	**1.8000e-004**	**1.7300e-003**	**1.3800e-003**	**1.0000e-005**	**7.6300e-003**	**0.0000**	**7.6400e-003**	**8.4000e-004**	**0.0000**	**8.5000e-004**	**0.0000**	**0.8262**	**0.8262**	**5.0000e-005**	**0.0000**	**0.8273**

3.18 P3 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0109	0.1048	0.1609	2.5000e-004		5.1500e-003	5.1500e-003		4.7400e-003	4.7400e-003	0.0000	22.0292	22.0292	7.1200e-003	0.0000	22.2073
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0109**	**0.1048**	**0.1609**	**2.5000e-004**		**5.1500e-003**	**5.1500e-003**		**4.7400e-003**	**4.7400e-003**	**0.0000**	**22.0292**	**22.0292**	**7.1200e-003**	**0.0000**	**22.2073**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	8.2700e-003	2.5200e-003	3.0000e-005	0.0218	1.0000e-005	0.0218	2.3100e-003	1.0000e-005	2.3200e-003	0.0000	2.7593	2.7593	1.9000e-004	0.0000	2.7639
Worker	1.3000e-004	8.0000e-005	8.8000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2744	0.2744	1.0000e-005	0.0000	0.2745
Total	**3.7000e-004**	**8.3500e-003**	**3.4000e-003**	**3.0000e-005**	**0.0346**	**1.0000e-005**	**0.0346**	**3.6500e-003**	**1.0000e-005**	**3.6600e-003**	**0.0000**	**3.0336**	**3.0336**	**2.0000e-004**	**0.0000**	**3.0384**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.6700e-003	0.1104	0.1903	2.5000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	22.0292	22.0292	7.1200e-003	0.0000	22.2073
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.6700e-003**	**0.1104**	**0.1903**	**2.5000e-004**		**4.1000e-004**	**4.1000e-004**		**4.1000e-004**	**4.1000e-004**	**0.0000**	**22.0292**	**22.0292**	**7.1200e-003**	**0.0000**	**22.2073**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	8.2700e-003	2.5200e-003	3.0000e-005	9.7400e-003	1.0000e-005	9.7500e-003	1.1100e-003	1.0000e-005	1.1200e-003	0.0000	2.7593	2.7593	1.9000e-004	0.0000	2.7639
Worker	1.3000e-004	8.0000e-005	8.8000e-004	0.0000	5.6800e-003	0.0000	5.6900e-003	6.2000e-004	0.0000	6.3000e-004	0.0000	0.2744	0.2744	1.0000e-005	0.0000	0.2745
Total	**3.7000e-004**	**8.3500e-003**	**3.4000e-003**	**3.0000e-005**	**0.0154**	**1.0000e-005**	**0.0154**	**1.7300e-003**	**1.0000e-005**	**1.7500e-003**	**0.0000**	**3.0336**	**3.0336**	**2.0000e-004**	**0.0000**	**3.0384**

3.19 P3 Site Preparation (mo. 1) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.1000e-003	0.0000	6.1000e-003	6.6000e-004	0.0000	6.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0118	0.1148	0.1100	2.2000e-004		5.1300e-003	5.1300e-003		4.8300e-003	4.8300e-003	0.0000	19.2128	19.2128	4.2600e-003	0.0000	19.3193
Total	**0.0118**	**0.1148**	**0.1100**	**2.2000e-004**	**6.1000e-003**	**5.1300e-003**	**0.0112**	**6.6000e-004**	**4.8300e-003**	**5.4900e-003**	**0.0000**	**19.2128**	**19.2128**	**4.2600e-003**	**0.0000**	**19.3193**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.7000e-003	5.2000e-004	1.0000e-005	4.5500e-003	0.0000	4.5500e-003	4.8000e-004	0.0000	4.8000e-004	0.0000	0.5734	0.5734	4.0000e-005	0.0000	0.5744
Worker	1.3000e-004	8.0000e-005	8.6000e-004	0.0000	0.0134	0.0000	0.0134	1.4000e-003	0.0000	1.4000e-003	0.0000	0.2752	0.2752	1.0000e-005	0.0000	0.2754
Total	**1.8000e-004**	**1.7800e-003**	**1.3800e-003**	**1.0000e-005**	**0.0179**	**0.0000**	**0.0179**	**1.8800e-003**	**0.0000**	**1.8800e-003**	**0.0000**	**0.8486**	**0.8486**	**5.0000e-005**	**0.0000**	**0.8498**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.3800e-003	0.0000	2.3800e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.0900e-003	0.0773	0.1344	2.2000e-004		8.3000e-004	8.3000e-004		8.3000e-004	8.3000e-004	0.0000	19.2128	19.2128	4.2600e-003	0.0000	19.3193
Total	**4.0900e-003**	**0.0773**	**0.1344**	**2.2000e-004**	**2.3800e-003**	**8.3000e-004**	**3.2100e-003**	**2.6000e-004**	**8.3000e-004**	**1.0900e-003**	**0.0000**	**19.2128**	**19.2128**	**4.2600e-003**	**0.0000**	**19.3193**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.7000e-003	5.2000e-004	1.0000e-005	2.0400e-003	0.0000	2.0400e-003	2.3000e-004	0.0000	2.3000e-004	0.0000	0.5734	0.5734	4.0000e-005	0.0000	0.5744
Worker	1.3000e-004	8.0000e-005	8.6000e-004	0.0000	5.9400e-003	0.0000	5.9400e-003	6.5000e-004	0.0000	6.5000e-004	0.0000	0.2752	0.2752	1.0000e-005	0.0000	0.2754
Total	**1.8000e-004**	**1.7800e-003**	**1.3800e-003**	**1.0000e-005**	**7.9800e-003**	**0.0000**	**7.9800e-003**	**8.8000e-004**	**0.0000**	**8.8000e-004**	**0.0000**	**0.8486**	**0.8486**	**5.0000e-005**	**0.0000**	**0.8498**

3.20 P3 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	tons/yr										MT/yr					
Off-Road	6.7000e-003	0.0773	0.1335	1.9000e-004		2.6300e-003	2.6300e-003		2.4200e-003	2.4200e-003	0.0000	17.0891	17.0891	5.5300e-003	0.0000	17.2273
Total	**6.7000e-003**	**0.0773**	**0.1335**	**1.9000e-004**		**2.6300e-003**	**2.6300e-003**		**2.4200e-003**	**2.4200e-003**	**0.0000**	**17.0891**	**17.0891**	**5.5300e-003**	**0.0000**	**17.2273**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	4.6700e-003	1.4100e-003	2.0000e-005	0.0125	1.0000e-005	0.0125	1.3200e-003	1.0000e-005	1.3300e-003	0.0000	1.5707	1.5707	1.1000e-004	0.0000	1.5733
Worker	3.6000e-004	2.2000e-004	2.3600e-003	1.0000e-005	0.0367	1.0000e-005	0.0367	3.8200e-003	1.0000e-005	3.8300e-003	0.0000	0.7539	0.7539	2.0000e-005	0.0000	0.7543
Total	**4.9000e-004**	**4.8900e-003**	**3.7700e-003**	**3.0000e-005**	**0.0491**	**2.0000e-005**	**0.0491**	**5.1400e-003**	**2.0000e-005**	**5.1600e-003**	**0.0000**	**2.3246**	**2.3246**	**1.3000e-004**	**0.0000**	**2.3276**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.3600e-003	0.0849	0.1468	1.9000e-004		3.2000e-004	3.2000e-004		3.2000e-004	3.2000e-004	0.0000	17.0891	17.0891	5.5300e-003	0.0000	17.2273
Total	**4.3600e-003**	**0.0849**	**0.1468**	**1.9000e-004**		**3.2000e-004**	**3.2000e-004**		**3.2000e-004**	**3.2000e-004**	**0.0000**	**17.0891**	**17.0891**	**5.5300e-003**	**0.0000**	**17.2273**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	4.6700e-003	1.4100e-003	2.0000e-005	5.5800e-003	1.0000e-005	5.5800e-003	6.3000e-004	1.0000e-005	6.4000e-004	0.0000	1.5707	1.5707	1.1000e-004	0.0000	1.5733
Worker	3.6000e-004	2.2000e-004	2.3600e-003	1.0000e-005	0.0163	1.0000e-005	0.0163	1.7900e-003	1.0000e-005	1.7900e-003	0.0000	0.7539	0.7539	2.0000e-005	0.0000	0.7543
Total	**4.9000e-004**	**4.8900e-003**	**3.7700e-003**	**3.0000e-005**	**0.0219**	**2.0000e-005**	**0.0219**	**2.4200e-003**	**2.0000e-005**	**2.4300e-003**	**0.0000**	**2.3246**	**2.3246**	**1.3000e-004**	**0.0000**	**2.3276**

3.21 P3 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	tons/yr										MT/yr					
Archit. Coating	0.1665					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.8000e-003	0.0657	0.1037	1.7000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003	0.0000	14.6387	14.6387	8.0000e-004	0.0000	14.6586
Total	**0.1763**	**0.0657**	**0.1037**	**1.7000e-004**		**2.9500e-003**	**2.9500e-003**		**2.9500e-003**	**2.9500e-003**	**0.0000**	**14.6387**	**14.6387**	**8.0000e-004**	**0.0000**	**14.6586**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.3000e-004	0.0176	7.3800e-003	1.2000e-004	0.1102	4.0000e-005	0.1103	0.0117	4.0000e-005	0.0117	0.0000	11.5981	11.5981	6.1000e-004	0.0000	11.6134
Worker	1.2000e-004	8.0000e-005	8.1000e-004	0.0000	0.0125	0.0000	0.0125	1.3000e-003	0.0000	1.3100e-003	0.0000	0.2573	0.2573	1.0000e-005	0.0000	0.2574
Total	**8.5000e-004**	**0.0177**	**8.1900e-003**	**1.2000e-004**	**0.1228**	**4.0000e-005**	**0.1228**	**0.0130**	**4.0000e-005**	**0.0130**	**0.0000**	**11.8553**	**11.8553**	**6.2000e-004**	**0.0000**	**11.8708**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1665					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1200e-003	0.0608	0.1051	1.7000e-004		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	14.6386	14.6386	8.0000e-004	0.0000	14.6586
Total	**0.1696**	**0.0608**	**0.1051**	**1.7000e-004**		**2.3000e-004**	**2.3000e-004**		**2.3000e-004**	**2.3000e-004**	**0.0000**	**14.6386**	**14.6386**	**8.0000e-004**	**0.0000**	**14.6586**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.3000e-004	0.0176	7.3800e-003	1.2000e-004	0.0493	4.0000e-005	0.0494	5.6000e-003	4.0000e-005	5.6400e-003	0.0000	11.5981	11.5981	6.1000e-004	0.0000	11.6134
Worker	1.2000e-004	8.0000e-005	8.1000e-004	0.0000	5.5600e-003	0.0000	5.5600e-003	6.1000e-004	0.0000	6.1000e-004	0.0000	0.2573	0.2573	1.0000e-005	0.0000	0.2574
Total	**8.5000e-004**	**0.0177**	**8.1900e-003**	**1.2000e-004**	**0.0549**	**4.0000e-005**	**0.0549**	**6.2100e-003**	**4.0000e-005**	**6.2500e-003**	**0.0000**	**11.8553**	**11.8553**	**6.2000e-004**	**0.0000**	**11.8708**

3.22 P3 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	tons/yr										MT/yr					
Off-Road	3.0200e-003	0.0356	0.0589	9.0000e-005		1.0800e-003	1.0800e-003		1.0100e-003	1.0100e-003	0.0000	7.8354	7.8354	2.4200e-003	0.0000	7.8960
Total	**3.0200e-003**	**0.0356**	**0.0589**	**9.0000e-005**		**1.0800e-003**	**1.0800e-003**		**1.0100e-003**	**1.0100e-003**	**0.0000**	**7.8354**	**7.8354**	**2.4200e-003**	**0.0000**	**7.8960**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6300e-003	4.9000e-004	1.0000e-005	4.3500e-003	0.0000	4.3500e-003	4.6000e-004	0.0000	4.6000e-004	0.0000	0.5485	0.5485	4.0000e-005	0.0000	0.5494
Worker	1.2000e-004	8.0000e-005	8.2000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2633	0.2633	1.0000e-005	0.0000	0.2634
Total	**1.7000e-004**	**1.7100e-003**	**1.3100e-003**	**1.0000e-005**	**0.0172**	**0.0000**	**0.0172**	**1.8000e-003**	**0.0000**	**1.8000e-003**	**0.0000**	**0.8117**	**0.8117**	**5.0000e-005**	**0.0000**	**0.8128**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.9700e-003	0.0422	0.0632	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	7.8354	7.8354	2.4200e-003	0.0000	7.8960
Total	**1.9700e-003**	**0.0422**	**0.0632**	**9.0000e-005**		**1.1100e-003**	**1.1100e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**7.8354**	**7.8354**	**2.4200e-003**	**0.0000**	**7.8960**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6300e-003	4.9000e-004	1.0000e-005	1.9500e-003	0.0000	1.9500e-003	2.2000e-004	0.0000	2.2000e-004	0.0000	0.5485	0.5485	4.0000e-005	0.0000	0.5494
Worker	1.2000e-004	8.0000e-005	8.2000e-004	0.0000	5.6800e-003	0.0000	5.6900e-003	6.2000e-004	0.0000	6.3000e-004	0.0000	0.2633	0.2633	1.0000e-005	0.0000	0.2634
Total	**1.7000e-004**	**1.7100e-003**	**1.3100e-003**	**1.0000e-005**	**7.6300e-003**	**0.0000**	**7.6400e-003**	**8.4000e-004**	**0.0000**	**8.5000e-004**	**0.0000**	**0.8117**	**0.8117**	**5.0000e-005**	**0.0000**	**0.8128**

3.23 P4 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0101	0.0944	0.1604	2.5000e-004		4.6000e-003	4.6000e-003		4.2400e-003	4.2400e-003	0.0000	22.0212	22.0212	7.1200e-003	0.0000	22.1992
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0101**	**0.0944**	**0.1604**	**2.5000e-004**		**4.6000e-003**	**4.6000e-003**		**4.2400e-003**	**4.2400e-003**	**0.0000**	**22.0212**	**22.0212**	**7.1200e-003**	**0.0000**	**22.1992**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3000e-004	8.1500e-003	2.4700e-003	3.0000e-005	0.0218	1.0000e-005	0.0218	2.3100e-003	1.0000e-005	2.3200e-003	0.0000	2.7425	2.7425	1.8000e-004	0.0000	2.7471
Worker	1.2000e-004	8.0000e-005	8.2000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2633	0.2633	1.0000e-005	0.0000	0.2634
Total	**3.5000e-004**	**8.2300e-003**	**3.2900e-003**	**3.0000e-005**	**0.0346**	**1.0000e-005**	**0.0346**	**3.6500e-003**	**1.0000e-005**	**3.6600e-003**	**0.0000**	**3.0057**	**3.0057**	**1.9000e-004**	**0.0000**	**3.0105**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.6700e-003	0.1104	0.1903	2.5000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	22.0212	22.0212	7.1200e-003	0.0000	22.1992
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.6700e-003**	**0.1104**	**0.1903**	**2.5000e-004**		**4.1000e-004**	**4.1000e-004**		**4.1000e-004**	**4.1000e-004**	**0.0000**	**22.0212**	**22.0212**	**7.1200e-003**	**0.0000**	**22.1992**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3000e-004	8.1500e-003	2.4700e-003	3.0000e-005	9.7400e-003	1.0000e-005	9.7500e-003	1.1100e-003	1.0000e-005	1.1200e-003	0.0000	2.7425	2.7425	1.8000e-004	0.0000	2.7471
Worker	1.2000e-004	8.0000e-005	8.2000e-004	0.0000	5.6800e-003	0.0000	5.6900e-003	6.2000e-004	0.0000	6.3000e-004	0.0000	0.2633	0.2633	1.0000e-005	0.0000	0.2634
Total	**3.5000e-004**	**8.2300e-003**	**3.2900e-003**	**3.0000e-005**	**0.0154**	**1.0000e-005**	**0.0154**	**1.7300e-003**	**1.0000e-005**	**1.7500e-003**	**0.0000**	**3.0057**	**3.0057**	**1.9000e-004**	**0.0000**	**3.0105**

3.24 P4 Site Preparation (mo. 1) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.5700e-003	0.0000	5.5700e-003	6.0000e-004	0.0000	6.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0108	0.1049	0.1004	2.0000e-004		4.6900e-003	4.6900e-003		4.4100e-003	4.4100e-003	0.0000	17.5422	17.5422	3.8900e-003	0.0000	17.6394
Total	**0.0108**	**0.1049**	**0.1004**	**2.0000e-004**	**5.5700e-003**	**4.6900e-003**	**0.0103**	**6.0000e-004**	**4.4100e-003**	**5.0100e-003**	**0.0000**	**17.5422**	**17.5422**	**3.8900e-003**	**0.0000**	**17.6394**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.5600e-003	4.7000e-004	1.0000e-005	4.1600e-003	0.0000	4.1600e-003	4.4000e-004	0.0000	4.4000e-004	0.0000	0.5236	0.5236	4.0000e-005	0.0000	0.5244
Worker	2.4000e-004	1.5000e-004	1.5700e-003	1.0000e-005	0.0244	0.0000	0.0244	2.5500e-003	0.0000	2.5500e-003	0.0000	0.5026	0.5026	1.0000e-005	0.0000	0.5029
Total	**2.8000e-004**	**1.7100e-003**	**2.0400e-003**	**2.0000e-005**	**0.0286**	**0.0000**	**0.0286**	**2.9900e-003**	**0.0000**	**2.9900e-003**	**0.0000**	**1.0261**	**1.0261**	**5.0000e-005**	**0.0000**	**1.0273**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.1700e-003	0.0000	2.1700e-003	2.3000e-004	0.0000	2.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.7300e-003	0.0706	0.1227	2.0000e-004		7.6000e-004	7.6000e-004		7.6000e-004	7.6000e-004	0.0000	17.5421	17.5421	3.8900e-003	0.0000	17.6393
Total	**3.7300e-003**	**0.0706**	**0.1227**	**2.0000e-004**	**2.1700e-003**	**7.6000e-004**	**2.9300e-003**	**2.3000e-004**	**7.6000e-004**	**9.9000e-004**	**0.0000**	**17.5421**	**17.5421**	**3.8900e-003**	**0.0000**	**17.6393**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.5600e-003	4.7000e-004	1.0000e-005	1.8600e-003	0.0000	1.8600e-003	2.1000e-004	0.0000	2.1000e-004	0.0000	0.5236	0.5236	4.0000e-005	0.0000	0.5244
Worker	2.4000e-004	1.5000e-004	1.5700e-003	1.0000e-005	0.0109	0.0000	0.0109	1.1900e-003	0.0000	1.2000e-003	0.0000	0.5026	0.5026	1.0000e-005	0.0000	0.5029
Total	**2.8000e-004**	**1.7100e-003**	**2.0400e-003**	**2.0000e-005**	**0.0127**	**0.0000**	**0.0127**	**1.4000e-003**	**0.0000**	**1.4100e-003**	**0.0000**	**1.0261**	**1.0261**	**5.0000e-005**	**0.0000**	**1.0273**

3.25 P4 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	tons/yr										MT/yr					
Off-Road	7.5600e-003	0.0864	0.1490	2.2000e-004		2.9800e-003	2.9800e-003		2.7400e-003	2.7400e-003	0.0000	19.0332	19.0332	6.1600e-003	0.0000	19.1871
Total	**7.5600e-003**	**0.0864**	**0.1490**	**2.2000e-004**		**2.9800e-003**	**2.9800e-003**		**2.7400e-003**	**2.7400e-003**	**0.0000**	**19.0332**	**19.0332**	**6.1600e-003**	**0.0000**	**19.1871**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.8900e-003	1.4800e-003	2.0000e-005	0.0131	1.0000e-005	0.0131	1.3800e-003	1.0000e-005	1.3900e-003	0.0000	1.6455	1.6455	1.1000e-004	0.0000	1.6482
Worker	7.5000e-004	4.6000e-004	4.9500e-003	2.0000e-005	0.0768	1.0000e-005	0.0768	8.0100e-003	1.0000e-005	8.0200e-003	0.0000	1.5795	1.5795	4.0000e-005	0.0000	1.5805
Total	**8.9000e-004**	**5.3500e-003**	**6.4300e-003**	**4.0000e-005**	**0.0899**	**2.0000e-005**	**0.0899**	**9.3900e-003**	**2.0000e-005**	**9.4100e-003**	**0.0000**	**3.2250**	**3.2250**	**1.5000e-004**	**0.0000**	**3.2287**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.8600e-003	0.0945	0.1634	2.2000e-004		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	19.0332	19.0332	6.1600e-003	0.0000	19.1871
Total	**4.8600e-003**	**0.0945**	**0.1634**	**2.2000e-004**		**3.5000e-004**	**3.5000e-004**		**3.5000e-004**	**3.5000e-004**	**0.0000**	**19.0332**	**19.0332**	**6.1600e-003**	**0.0000**	**19.1871**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.8900e-003	1.4800e-003	2.0000e-005	5.8400e-003	1.0000e-005	5.8500e-003	6.6000e-004	1.0000e-005	6.7000e-004	0.0000	1.6455	1.6455	1.1000e-004	0.0000	1.6482
Worker	7.5000e-004	4.6000e-004	4.9500e-003	2.0000e-005	0.0341	1.0000e-005	0.0341	3.7400e-003	1.0000e-005	3.7600e-003	0.0000	1.5795	1.5795	4.0000e-005	0.0000	1.5805
Total	**8.9000e-004**	**5.3500e-003**	**6.4300e-003**	**4.0000e-005**	**0.0400**	**2.0000e-005**	**0.0400**	**4.4000e-003**	**2.0000e-005**	**4.4300e-003**	**0.0000**	**3.2250**	**3.2250**	**1.5000e-004**	**0.0000**	**3.2287**

3.26 P4 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	tons/yr										MT/yr					
Archit. Coating	0.4069					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.8000e-003	0.0657	0.1037	1.7000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003	0.0000	14.6387	14.6387	8.0000e-004	0.0000	14.6586
Total	**0.4167**	**0.0657**	**0.1037**	**1.7000e-004**		**2.9500e-003**	**2.9500e-003**		**2.9500e-003**	**2.9500e-003**	**0.0000**	**14.6387**	**14.6387**	**8.0000e-004**	**0.0000**	**14.6586**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8000e-004	6.3700e-003	1.9300e-003	2.0000e-005	0.0170	1.0000e-005	0.0170	1.8000e-003	1.0000e-005	1.8100e-003	0.0000	2.1441	2.1441	1.4000e-004	0.0000	2.1477
Worker	1.2000e-004	8.0000e-005	8.1000e-004	0.0000	0.0125	0.0000	0.0125	1.3000e-003	0.0000	1.3100e-003	0.0000	0.2573	0.2573	1.0000e-005	0.0000	0.2574
Total	**3.0000e-004**	**6.4500e-003**	**2.7400e-003**	**2.0000e-005**	**0.0295**	**1.0000e-005**	**0.0295**	**3.1000e-003**	**1.0000e-005**	**3.1200e-003**	**0.0000**	**2.4014**	**2.4014**	**1.5000e-004**	**0.0000**	**2.4051**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4069					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1200e-003	0.0608	0.1051	1.7000e-004		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	14.6386	14.6386	8.0000e-004	0.0000	14.6586
Total	**0.4100**	**0.0608**	**0.1051**	**1.7000e-004**		**2.3000e-004**	**2.3000e-004**		**2.3000e-004**	**2.3000e-004**	**0.0000**	**14.6386**	**14.6386**	**8.0000e-004**	**0.0000**	**14.6586**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8000e-004	6.3700e-003	1.9300e-003	2.0000e-005	7.6100e-003	1.0000e-005	7.6200e-003	8.7000e-004	1.0000e-005	8.7000e-004	0.0000	2.1441	2.1441	1.4000e-004	0.0000	2.1477
Worker	1.2000e-004	8.0000e-005	8.1000e-004	0.0000	5.5600e-003	0.0000	5.5600e-003	6.1000e-004	0.0000	6.1000e-004	0.0000	0.2573	0.2573	1.0000e-005	0.0000	0.2574
Total	**3.0000e-004**	**6.4500e-003**	**2.7400e-003**	**2.0000e-005**	**0.0132**	**1.0000e-005**	**0.0132**	**1.4800e-003**	**1.0000e-005**	**1.4800e-003**	**0.0000**	**2.4014**	**2.4014**	**1.5000e-004**	**0.0000**	**2.4051**

3.27 P4 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	tons/yr										MT/yr					
Off-Road	3.1500e-003	0.0372	0.0616	1.0000e-004		1.1300e-003	1.1300e-003		1.0500e-003	1.0500e-003	0.0000	8.1915	8.1915	2.5300e-003	0.0000	8.2549
Total	**3.1500e-003**	**0.0372**	**0.0616**	**1.0000e-004**		**1.1300e-003**	**1.1300e-003**		**1.0500e-003**	**1.0500e-003**	**0.0000**	**8.1915**	**8.1915**	**2.5300e-003**	**0.0000**	**8.2549**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.7000e-003	5.2000e-004	1.0000e-005	4.5500e-003	0.0000	4.5500e-003	4.8000e-004	0.0000	4.8000e-004	0.0000	0.5734	0.5734	4.0000e-005	0.0000	0.5744
Worker	2.6000e-004	1.6000e-004	1.7200e-003	1.0000e-005	0.0268	0.0000	0.0268	2.7900e-003	0.0000	2.8000e-003	0.0000	0.5504	0.5504	1.0000e-005	0.0000	0.5508
Total	**3.1000e-004**	**1.8600e-003**	**2.2400e-003**	**2.0000e-005**	**0.0313**	**0.0000**	**0.0313**	**3.2700e-003**	**0.0000**	**3.2800e-003**	**0.0000**	**1.1239**	**1.1239**	**5.0000e-005**	**0.0000**	**1.1252**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.0600e-003	0.0441	0.0661	1.0000e-004		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	8.1915	8.1915	2.5300e-003	0.0000	8.2549
Total	**2.0600e-003**	**0.0441**	**0.0661**	**1.0000e-004**		**1.1600e-003**	**1.1600e-003**		**1.1600e-003**	**1.1600e-003**	**0.0000**	**8.1915**	**8.1915**	**2.5300e-003**	**0.0000**	**8.2549**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.7000e-003	5.2000e-004	1.0000e-005	2.0400e-003	0.0000	2.0400e-003	2.3000e-004	0.0000	2.3000e-004	0.0000	0.5734	0.5734	4.0000e-005	0.0000	0.5744
Worker	2.6000e-004	1.6000e-004	1.7200e-003	1.0000e-005	0.0119	0.0000	0.0119	1.3100e-003	0.0000	1.3100e-003	0.0000	0.5504	0.5504	1.0000e-005	0.0000	0.5508
Total	**3.1000e-004**	**1.8600e-003**	**2.2400e-003**	**2.0000e-005**	**0.0139**	**0.0000**	**0.0139**	**1.5400e-003**	**0.0000**	**1.5400e-003**	**0.0000**	**1.1239**	**1.1239**	**5.0000e-005**	**0.0000**	**1.1252**

3.28 P5 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0105	0.0987	0.1677	2.6000e-004		4.8100e-003	4.8100e-003		4.4300e-003	4.4300e-003	0.0000	23.0221	23.0221	7.4500e-003	0.0000	23.2083
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0105**	**0.0987**	**0.1677**	**2.6000e-004**		**4.8100e-003**	**4.8100e-003**		**4.4300e-003**	**4.4300e-003**	**0.0000**	**23.0221**	**23.0221**	**7.4500e-003**	**0.0000**	**23.2083**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	8.5200e-003	2.5800e-003	3.0000e-005	0.0228	1.0000e-005	0.0228	2.4100e-003	1.0000e-005	2.4200e-003	0.0000	2.8671	2.8671	1.9000e-004	0.0000	2.8719
Worker	1.3000e-004	8.0000e-005	8.6000e-004	0.0000	0.0134	0.0000	0.0134	1.4000e-003	0.0000	1.4000e-003	0.0000	0.2752	0.2752	1.0000e-005	0.0000	0.2754
Total	**3.7000e-004**	**8.6000e-003**	**3.4400e-003**	**3.0000e-005**	**0.0361**	**1.0000e-005**	**0.0362**	**3.8100e-003**	**1.0000e-005**	**3.8200e-003**	**0.0000**	**3.1423**	**3.1423**	**2.0000e-004**	**0.0000**	**3.1473**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.8400e-003	0.1155	0.1989	2.6000e-004		4.3000e-004	4.3000e-004		4.3000e-004	4.3000e-004	0.0000	23.0221	23.0221	7.4500e-003	0.0000	23.2083
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.8400e-003**	**0.1155**	**0.1989**	**2.6000e-004**		**4.3000e-004**	**4.3000e-004**		**4.3000e-004**	**4.3000e-004**	**0.0000**	**23.0221**	**23.0221**	**7.4500e-003**	**0.0000**	**23.2083**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	8.5200e-003	2.5800e-003	3.0000e-005	0.0102	1.0000e-005	0.0102	1.1600e-003	1.0000e-005	1.1700e-003	0.0000	2.8671	2.8671	1.9000e-004	0.0000	2.8719
Worker	1.3000e-004	8.0000e-005	8.6000e-004	0.0000	5.9400e-003	0.0000	5.9400e-003	6.5000e-004	0.0000	6.5000e-004	0.0000	0.2752	0.2752	1.0000e-005	0.0000	0.2754
Total	**3.7000e-004**	**8.6000e-003**	**3.4400e-003**	**3.0000e-005**	**0.0161**	**1.0000e-005**	**0.0161**	**1.8100e-003**	**1.0000e-005**	**1.8200e-003**	**0.0000**	**3.1423**	**3.1423**	**2.0000e-004**	**0.0000**	**3.1473**

3.29 P5 Site Preparation (mo. 1) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.3000e-003	0.0000	5.3000e-003	5.7000e-004	0.0000	5.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0103	0.0999	0.0957	1.9000e-004		4.4600e-003	4.4600e-003		4.2000e-003	4.2000e-003	0.0000	16.7068	16.7068	3.7000e-003	0.0000	16.7994
Total	**0.0103**	**0.0999**	**0.0957**	**1.9000e-004**	**5.3000e-003**	**4.4600e-003**	**9.7600e-003**	**5.7000e-004**	**4.2000e-003**	**4.7700e-003**	**0.0000**	**16.7068**	**16.7068**	**3.7000e-003**	**0.0000**	**16.7994**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.4800e-003	4.5000e-004	1.0000e-005	3.9600e-003	0.0000	3.9600e-003	4.2000e-004	0.0000	4.2000e-004	0.0000	0.4986	0.4986	3.0000e-005	0.0000	0.4995
Worker	2.3000e-004	1.4000e-004	1.5000e-003	1.0000e-005	0.0233	0.0000	0.0233	2.4300e-003	0.0000	2.4300e-003	0.0000	0.4787	0.4787	1.0000e-005	0.0000	0.4789
Total	**2.7000e-004**	**1.6200e-003**	**1.9500e-003**	**2.0000e-005**	**0.0272**	**0.0000**	**0.0272**	**2.8500e-003**	**0.0000**	**2.8500e-003**	**0.0000**	**0.9773**	**0.9773**	**4.0000e-005**	**0.0000**	**0.9784**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0700e-003	0.0000	2.0700e-003	2.2000e-004	0.0000	2.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.5500e-003	0.0673	0.1169	1.9000e-004		7.3000e-004	7.3000e-004		7.3000e-004	7.3000e-004	0.0000	16.7068	16.7068	3.7000e-003	0.0000	16.7994
Total	**3.5500e-003**	**0.0673**	**0.1169**	**1.9000e-004**	**2.0700e-003**	**7.3000e-004**	**2.8000e-003**	**2.2000e-004**	**7.3000e-004**	**9.5000e-004**	**0.0000**	**16.7068**	**16.7068**	**3.7000e-003**	**0.0000**	**16.7994**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.4800e-003	4.5000e-004	1.0000e-005	1.7700e-003	0.0000	1.7700e-003	2.0000e-004	0.0000	2.0000e-004	0.0000	0.4986	0.4986	3.0000e-005	0.0000	0.4995
Worker	2.3000e-004	1.4000e-004	1.5000e-003	1.0000e-005	0.0103	0.0000	0.0103	1.1300e-003	0.0000	1.1400e-003	0.0000	0.4787	0.4787	1.0000e-005	0.0000	0.4789
Total	**2.7000e-004**	**1.6200e-003**	**1.9500e-003**	**2.0000e-005**	**0.0121**	**0.0000**	**0.0121**	**1.3300e-003**	**0.0000**	**1.3400e-003**	**0.0000**	**0.9773**	**0.9773**	**4.0000e-005**	**0.0000**	**0.9784**

3.30 P5 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	tons/yr										MT/yr					
Off-Road	2.6300e-003	0.0301	0.0519	8.0000e-005		1.0400e-003	1.0400e-003		9.5000e-004	9.5000e-004	0.0000	6.6328	6.6328	2.1500e-003	0.0000	6.6864
Total	**2.6300e-003**	**0.0301**	**0.0519**	**8.0000e-005**		**1.0400e-003**	**1.0400e-003**		**9.5000e-004**	**9.5000e-004**	**0.0000**	**6.6328**	**6.6328**	**2.1500e-003**	**0.0000**	**6.6864**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.7000e-003	5.2000e-004	1.0000e-005	4.5500e-003	0.0000	4.5500e-003	4.8000e-004	0.0000	4.8000e-004	0.0000	0.5734	0.5734	4.0000e-005	0.0000	0.5744
Worker	2.6000e-004	1.6000e-004	1.7200e-003	1.0000e-005	0.0268	0.0000	0.0268	2.7900e-003	0.0000	2.8000e-003	0.0000	0.5504	0.5504	1.0000e-005	0.0000	0.5508
Total	**3.1000e-004**	**1.8600e-003**	**2.2400e-003**	**2.0000e-005**	**0.0313**	**0.0000**	**0.0313**	**3.2700e-003**	**0.0000**	**3.2800e-003**	**0.0000**	**1.1239**	**1.1239**	**5.0000e-005**	**0.0000**	**1.1252**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.6900e-003	0.0329	0.0570	8.0000e-005		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	6.6328	6.6328	2.1500e-003	0.0000	6.6864
Total	**1.6900e-003**	**0.0329**	**0.0570**	**8.0000e-005**		**1.2000e-004**	**1.2000e-004**		**1.2000e-004**	**1.2000e-004**	**0.0000**	**6.6328**	**6.6328**	**2.1500e-003**	**0.0000**	**6.6864**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.7000e-003	5.2000e-004	1.0000e-005	2.0400e-003	0.0000	2.0400e-003	2.3000e-004	0.0000	2.3000e-004	0.0000	0.5734	0.5734	4.0000e-005	0.0000	0.5744
Worker	2.6000e-004	1.6000e-004	1.7200e-003	1.0000e-005	0.0119	0.0000	0.0119	1.3100e-003	0.0000	1.3100e-003	0.0000	0.5504	0.5504	1.0000e-005	0.0000	0.5508
Total	**3.1000e-004**	**1.8600e-003**	**2.2400e-003**	**2.0000e-005**	**0.0139**	**0.0000**	**0.0139**	**1.5400e-003**	**0.0000**	**1.5400e-003**	**0.0000**	**1.1239**	**1.1239**	**5.0000e-005**	**0.0000**	**1.1252**

3.30 P5 Building Construction 1 (mo. 2-4) - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.8100e-003	0.0550	0.0948	1.4000e-004		1.8900e-003	1.8900e-003		1.7400e-003	1.7400e-003	0.0000	12.1120	12.1120	3.9200e-003	0.0000	12.2100
Total	**4.8100e-003**	**0.0550**	**0.0948**	**1.4000e-004**		**1.8900e-003**	**1.8900e-003**		**1.7400e-003**	**1.7400e-003**	**0.0000**	**12.1120**	**12.1120**	**3.9200e-003**	**0.0000**	**12.2100**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	3.0700e-003	9.3000e-004	1.0000e-005	8.3100e-003	0.0000	8.3100e-003	8.8000e-004	0.0000	8.8000e-004	0.0000	1.0411	1.0411	7.0000e-005	0.0000	1.0429
Worker	4.6000e-004	2.7000e-004	2.9600e-003	1.0000e-005	0.0489	1.0000e-005	0.0489	5.1000e-003	1.0000e-005	5.1100e-003	0.0000	0.9683	0.9683	2.0000e-005	0.0000	0.9689
Total	**5.4000e-004**	**3.3400e-003**	**3.8900e-003**	**2.0000e-005**	**0.0572**	**1.0000e-005**	**0.0572**	**5.9800e-003**	**1.0000e-005**	**5.9900e-003**	**0.0000**	**2.0095**	**2.0095**	**9.0000e-005**	**0.0000**	**2.0118**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.0900e-003	0.0602	0.1040	1.4000e-004		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	12.1120	12.1120	3.9200e-003	0.0000	12.2100
Total	**3.0900e-003**	**0.0602**	**0.1040**	**1.4000e-004**		**2.2000e-004**	**2.2000e-004**		**2.2000e-004**	**2.2000e-004**	**0.0000**	**12.1120**	**12.1120**	**3.9200e-003**	**0.0000**	**12.2100**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	3.0700e-003	9.3000e-004	1.0000e-005	3.7200e-003	0.0000	3.7200e-003	4.2000e-004	0.0000	4.3000e-004	0.0000	1.0411	1.0411	7.0000e-005	0.0000	1.0429
Worker	4.6000e-004	2.7000e-004	2.9600e-003	1.0000e-005	0.0217	1.0000e-005	0.0217	2.3800e-003	1.0000e-005	2.3900e-003	0.0000	0.9683	0.9683	2.0000e-005	0.0000	0.9689
Total	**5.4000e-004**	**3.3400e-003**	**3.8900e-003**	**2.0000e-005**	**0.0254**	**1.0000e-005**	**0.0254**	**2.8000e-003**	**1.0000e-005**	**2.8200e-003**	**0.0000**	**2.0095**	**2.0095**	**9.0000e-005**	**0.0000**	**2.0118**

3.31 P5 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4069					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.5700e-003	0.0642	0.1013	1.7000e-004		2.8800e-003	2.8800e-003		2.8800e-003	2.8800e-003	0.0000	14.2982	14.2982	7.8000e-004	0.0000	14.3177
Total	**0.4165**	**0.0642**	**0.1013**	**1.7000e-004**		**2.8800e-003**	**2.8800e-003**		**2.8800e-003**	**2.8800e-003**	**0.0000**	**14.2982**	**14.2982**	**7.8000e-004**	**0.0000**	**14.3177**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7000e-004	6.1300e-003	1.8600e-003	2.0000e-005	0.0166	1.0000e-005	0.0166	1.7600e-003	1.0000e-005	1.7700e-003	0.0000	2.0823	2.0823	1.4000e-004	0.0000	2.0857
Worker	1.1000e-004	7.0000e-005	7.4000e-004	0.0000	0.0122	0.0000	0.0122	1.2700e-003	0.0000	1.2800e-003	0.0000	0.2421	0.2421	1.0000e-005	0.0000	0.2422
Total	**2.8000e-004**	**6.2000e-003**	**2.6000e-003**	**2.0000e-005**	**0.0288**	**1.0000e-005**	**0.0289**	**3.0300e-003**	**1.0000e-005**	**3.0500e-003**	**0.0000**	**2.3243**	**2.3243**	**1.5000e-004**	**0.0000**	**2.3280**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4069					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.0500e-003	0.0594	0.1026	1.7000e-004		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	14.2982	14.2982	7.8000e-004	0.0000	14.3177
Total	**0.4099**	**0.0594**	**0.1026**	**1.7000e-004**		**2.2000e-004**	**2.2000e-004**		**2.2000e-004**	**2.2000e-004**	**0.0000**	**14.2982**	**14.2982**	**7.8000e-004**	**0.0000**	**14.3177**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7000e-004	6.1300e-003	1.8600e-003	2.0000e-005	7.4400e-003	1.0000e-005	7.4400e-003	8.5000e-004	1.0000e-005	8.5000e-004	0.0000	2.0823	2.0823	1.4000e-004	0.0000	2.0857
Worker	1.1000e-004	7.0000e-005	7.4000e-004	0.0000	5.4300e-003	0.0000	5.4300e-003	6.0000e-004	0.0000	6.0000e-004	0.0000	0.2421	0.2421	1.0000e-005	0.0000	0.2422
Total	**2.8000e-004**	**6.2000e-003**	**2.6000e-003**	**2.0000e-005**	**0.0129**	**1.0000e-005**	**0.0129**	**1.4500e-003**	**1.0000e-005**	**1.4500e-003**	**0.0000**	**2.3243**	**2.3243**	**1.5000e-004**	**0.0000**	**2.3280**

3.32 P5 Building Construction 2 (mo. 5) - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.0200e-003	0.0356	0.0589	9.0000e-005		1.0800e-003	1.0800e-003		1.0100e-003	1.0100e-003	0.0000	7.8354	7.8354	2.4200e-003	0.0000	7.8960
Total	**3.0200e-003**	**0.0356**	**0.0589**	**9.0000e-005**		**1.0800e-003**	**1.0800e-003**		**1.0100e-003**	**1.0100e-003**	**0.0000**	**7.8354**	**7.8354**	**2.4200e-003**	**0.0000**	**7.8960**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.6100e-003	4.9000e-004	1.0000e-005	4.3500e-003	0.0000	4.3500e-003	4.6000e-004	0.0000	4.6000e-004	0.0000	0.5454	0.5454	4.0000e-005	0.0000	0.5463
Worker	2.4000e-004	1.4000e-004	1.5500e-003	1.0000e-005	0.0256	0.0000	0.0256	2.6700e-003	0.0000	2.6700e-003	0.0000	0.5072	0.5072	1.0000e-005	0.0000	0.5075
Total	**2.8000e-004**	**1.7500e-003**	**2.0400e-003**	**2.0000e-005**	**0.0300**	**0.0000**	**0.0300**	**3.1300e-003**	**0.0000**	**3.1300e-003**	**0.0000**	**1.0526**	**1.0526**	**5.0000e-005**	**0.0000**	**1.0538**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.9700e-003	0.0422	0.0632	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	7.8354	7.8354	2.4200e-003	0.0000	7.8960
Total	**1.9700e-003**	**0.0422**	**0.0632**	**9.0000e-005**		**1.1100e-003**	**1.1100e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**7.8354**	**7.8354**	**2.4200e-003**	**0.0000**	**7.8960**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.6100e-003	4.9000e-004	1.0000e-005	1.9500e-003	0.0000	1.9500e-003	2.2000e-004	0.0000	2.2000e-004	0.0000	0.5454	0.5454	4.0000e-005	0.0000	0.5463
Worker	2.4000e-004	1.4000e-004	1.5500e-003	1.0000e-005	0.0114	0.0000	0.0114	1.2500e-003	0.0000	1.2500e-003	0.0000	0.5072	0.5072	1.0000e-005	0.0000	0.5075
Total	**2.8000e-004**	**1.7500e-003**	**2.0400e-003**	**2.0000e-005**	**0.0133**	**0.0000**	**0.0133**	**1.4700e-003**	**0.0000**	**1.4700e-003**	**0.0000**	**1.0526**	**1.0526**	**5.0000e-005**	**0.0000**	**1.0538**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Single Family Housing	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0278	0.0107	0.9273	5.0000e-005		5.1500e-003	5.1500e-003		5.1500e-003	5.1500e-003	0.0000	1.5161	1.5161	1.4500e-003	0.0000	1.5524
Unmitigated	0.0278	0.0107	0.9273	5.0000e-005		5.1500e-003	5.1500e-003		5.1500e-003	5.1500e-003	0.0000	1.5161	1.5161	1.4500e-003	0.0000	1.5524

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0278	0.0107	0.9273	5.0000e-005		5.1500e-003	5.1500e-003		5.1500e-003	5.1500e-003	0.0000	1.5161	1.5161	1.4500e-003	0.0000	1.5524
Total	**0.0278**	**0.0107**	**0.9273**	**5.0000e-005**		**5.1500e-003**	**5.1500e-003**		**5.1500e-003**	**5.1500e-003**	**0.0000**	**1.5161**	**1.5161**	**1.4500e-003**	**0.0000**	**1.5524**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0278	0.0107	0.9273	5.0000e-005		5.1500e-003	5.1500e-003		5.1500e-003	5.1500e-003	0.0000	1.5161	1.5161	1.4500e-003	0.0000	1.5524
Total	**0.0278**	**0.0107**	**0.9273**	**5.0000e-005**		**5.1500e-003**	**5.1500e-003**		**5.1500e-003**	**5.1500e-003**	**0.0000**	**1.5161**	**1.5161**	**1.4500e-003**	**0.0000**	**1.5524**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Single Family Housing	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Single Family Housing	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

CalEEMod Version: CalEEMod.2016.3.1

Date: 8/17/2017 10:46 AM

Proctor Valley EIR - PA 16-19 Residential

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 -1	0.68	0.43	-0.30	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Grading -2	0.67	0.39	-0.32	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P1 Architectural Coating	0.03	0.18	-0.01	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 1 (mo. 2-4)	0.39	0.02	-0.09	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 2 (mo. 5)	0.36	-0.09	-0.07	0.00	0.15	0.07	0.00	0.00	0.00	0.00	0.00	0.00
P1 Paving	0.66	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P1 Site Preparation (mo. 1)	0.69	0.43	-0.20	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00
P2 Architectural Coating	0.04	0.12	-0.01	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 1 (mo. 2-4)	0.38	-0.02	-0.09	0.00	0.89	0.89	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 2 (mo. 5)	0.35	-0.13	-0.07	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P2 Paving	0.65	-0.05	-0.18	0.00	0.92	0.91	0.00	0.00	0.00	0.00	0.00	0.00
P2 Site Preparation (mo. 1)	0.67	0.39	-0.21	0.00	0.86	0.85	0.00	0.00	0.00	0.00	0.00	0.00
P3 Architectural Coating	0.04	0.06	-0.01	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 1 (mo. 2-4)	0.33	-0.09	-0.10	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 2 (mo. 5)	0.33	-0.18	-0.07	0.00	-0.03	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
P3 Paving	0.64	-0.05	-0.18	0.00	0.92	0.91	0.00	0.00	0.00	0.00	0.00	0.00
P3 Site Preparation (mo. 1)	0.64	0.32	-0.22	0.00	0.84	0.83	0.00	0.00	0.00	0.00	0.00	0.00
P4 Architectural Coating	0.02	0.07	-0.01	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 1 (mo. 2-4)	0.32	-0.09	-0.09	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00

P4 Building Construction 2 (mo. 5)	0.32	-0.18	-0.07	0.00	-0.03	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
P4 Paving	0.61	-0.16	-0.18	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P4 Site Preparation (mo. 1)	0.64	0.32	-0.22	0.00	0.84	0.83	0.00	0.00	0.00	0.00	0.00	0.00
P5 Architectural Coating	0.02	0.07	-0.01	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 1 (mo. 2-4)	0.32	-0.09	-0.09	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 2 (mo. 5)	0.32	-0.18	-0.07	0.00	-0.03	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
P5 Paving	0.61	-0.16	-0.18	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P5 Site Preparation (mo. 1)	0.64	0.32	-0.22	0.00	0.84	0.83	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation -1	0.73	0.51	-0.24	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation -2	0.73	0.50	-0.23	0.00	0.95	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Utilities -1	0.60	0.06	-0.50	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00
Utilities -2	0.58	-0.05	-0.51	0.00	0.87	0.86	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	10	10	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 4 Interim	10	10	No Change	0.00
Cranes	Diesel	Tier 4 Interim	0	0	No Change	0.00
Excavators	Diesel	Tier 4 Interim	6	6	No Change	0.00
Forklifts	Diesel	Tier 4 Interim	0	0	No Change	0.00
Generator Sets	Diesel	Tier 4 Interim	0	0	No Change	0.00
Graders	Diesel	Tier 4 Interim	7	7	No Change	0.00
Other Construction Equipment	Diesel	Tier 4 Interim	2	2	No Change	0.00
Pavers	Diesel	Tier 4 Interim	10	10	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	10	10	No Change	0.00
Pumps	Diesel	Tier 4 Interim	5	5	No Change	0.00
Rollers	Diesel	Tier 4 Interim	10	10	No Change	0.00
Rough Terrain Forklifts	Diesel	Tier 4 Interim	10	10	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	4	4	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	15	15	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	17	17	No Change	0.00
Trenchers	Diesel	Tier 4 Interim	5	5	No Change	0.00
Welders	Diesel	Tier 4 Interim	0	0	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	5.07500E-002	3.41710E-001	5.18790E-001	8.50000E-004	1.64200E-002	1.64200E-002	0.00000E+000	7.31933E+001	7.31933E+001	4.10000E-003	0.00000E+000	7.32957E+001
Cement and Mortar Mixers	6.40000E-003	4.01300E-002	3.36100E-002	8.00000E-005	1.56000E-003	1.56000E-003	0.00000E+000	4.99521E+000	4.99521E+000	5.20000E-004	0.00000E+000	5.00818E+000
Cranes	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	3.75100E-002	2.95470E-001	6.72270E-001	1.06000E-003	1.45300E-002	1.33700E-002	0.00000E+000	9.34832E+001	9.34832E+001	3.02300E-002	0.00000E+000	9.42390E+001
Forklifts	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
Generator Sets	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	4.10700E-002	4.78700E-001	1.94240E-001	7.80000E-004	1.54900E-002	1.42500E-002	0.00000E+000	6.85639E+001	6.85639E+001	2.21700E-002	0.00000E+000	6.91183E+001
Other Construction Equipment	7.30000E-003	7.13000E-002	8.61700E-002	1.30000E-004	3.69000E-003	3.40000E-003	0.00000E+000	1.16686E+001	1.16686E+001	3.77000E-003	0.00000E+000	1.17630E+001
Pavers	2.03100E-002	1.91040E-001	3.23920E-001	5.30000E-004	8.94000E-003	8.23000E-003	0.00000E+000	4.62408E+001	4.62408E+001	1.49600E-002	0.00000E+000	4.66147E+001
Paving Equipment	1.77800E-002	1.59500E-001	2.86480E-001	4.60000E-004	7.78000E-003	7.16000E-003	0.00000E+000	4.00735E+001	4.00735E+001	1.29600E-002	0.00000E+000	4.03976E+001
Pumps	1.59600E-002	1.34910E-001	1.98930E-001	3.50000E-004	5.93000E-003	5.93000E-003	0.00000E+000	3.02386E+001	3.02386E+001	1.28000E-003	0.00000E+000	3.02705E+001
Rollers	1.61000E-002	1.68950E-001	2.07100E-001	2.90000E-004	8.85000E-003	8.14000E-003	0.00000E+000	2.58182E+001	2.58182E+001	8.35000E-003	0.00000E+000	2.60270E+001
Rough Terrain Forklifts	2.17600E-002	2.87920E-001	4.98480E-001	7.50000E-004	8.47000E-003	7.80000E-003	0.00000E+000	6.60022E+001	6.60022E+001	2.13500E-002	0.00000E+000	6.65359E+001
Rubber Tired Dozers	8.92400E-002	9.19450E-001	4.02890E-001	1.10000E-003	4.14200E-002	3.81100E-002	0.00000E+000	9.67797E+001	9.67797E+001	3.13000E-002	0.00000E+000	9.75622E+001
Rubber Tired Loaders	1.99300E-002	1.86590E-001	1.15500E-001	4.80000E-004	6.24000E-003	5.75000E-003	0.00000E+000	4.22981E+001	4.22981E+001	1.36800E-002	0.00000E+000	4.26401E+001
Scrapers	9.86400E-002	1.00567E+000	7.73480E-001	1.96000E-003	3.96900E-002	3.65200E-002	0.00000E+000	1.71944E+002	1.71944E+002	5.56100E-002	0.00000E+000	1.73335E+002
Skid Steer Loaders	1.00400E-002	1.33790E-001	2.27260E-001	3.40000E-004	4.21000E-003	3.87000E-003	0.00000E+000	2.99204E+001	2.99204E+001	9.68000E-003	0.00000E+000	3.01623E+001
Tractors/Loaders/Backhoes	5.33700E-002	5.38790E-001	8.34180E-001	1.16000E-003	2.45700E-002	2.26000E-002	0.00000E+000	1.02274E+002	1.02274E+002	3.30800E-002	0.00000E+000	1.03101E+002
Trenchers	1.74300E-002	1.62890E-001	1.37930E-001	1.80000E-004	1.10300E-002	1.01500E-002	0.00000E+000	1.58843E+001	1.58843E+001	5.14000E-003	0.00000E+000	1.60127E+001
Welders	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

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	1.56200E-002	3.03820E-001	5.25290E-001	8.50000E-004	1.14000E-003	1.14000E-003	0.00000E+000	7.31932E+001	7.31932E+001	4.10000E-003	0.00000E+000	7.32956E+001
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	8.00000E-005	0.00000E+000	0.00000E+000	0.00000E+000	4.99521E+000	4.99521E+000	5.20000E-004	0.00000E+000	5.00817E+000
Cranes	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	1.30900E-002	4.69000E-001	8.07110E-001	1.06000E-003	1.75000E-003	1.75000E-003	0.00000E+000	9.34831E+001	9.34831E+001	3.02300E-002	0.00000E+000	9.42389E+001
Forklifts	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
Generator Sets	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	1.27700E-002	2.05840E-001	4.14860E-001	7.80000E-004	1.28000E-003	1.28000E-003	0.00000E+000	6.85638E+001	6.85638E+001	2.21700E-002	0.00000E+000	6.91182E+001
Other Construction Equipment	1.64000E-003	5.88900E-002	1.01350E-001	1.30000E-004	2.20000E-004	2.20000E-004	0.00000E+000	1.16686E+001	1.16686E+001	3.77000E-003	0.00000E+000	1.17629E+001
Pavers	6.47000E-003	2.31890E-001	3.99060E-001	5.30000E-004	8.60000E-004	8.60000E-004	0.00000E+000	4.62408E+001	4.62408E+001	1.49600E-002	0.00000E+000	4.66146E+001
Paving Equipment	5.63000E-003	2.01820E-001	3.47310E-001	4.60000E-004	7.50000E-004	7.50000E-004	0.00000E+000	4.00735E+001	4.00735E+001	1.29600E-002	0.00000E+000	4.03975E+001
Pumps	6.45000E-003	1.25520E-001	2.17020E-001	3.50000E-004	4.70000E-004	4.70000E-004	0.00000E+000	3.02386E+001	3.02386E+001	1.28000E-003	0.00000E+000	3.02705E+001
Rollers	6.61000E-003	1.28510E-001	2.22190E-001	2.90000E-004	4.80000E-004	4.80000E-004	0.00000E+000	2.58182E+001	2.58182E+001	8.35000E-003	0.00000E+000	2.60269E+001
Rough Terrain Forklifts	1.69200E-002	3.29120E-001	5.69040E-001	7.50000E-004	1.23000E-003	1.23000E-003	0.00000E+000	6.60022E+001	6.60022E+001	2.13500E-002	0.00000E+000	6.65358E+001
Rubber Tired Dozers	1.79800E-002	2.89970E-001	5.84450E-001	1.10000E-003	1.80000E-003	1.80000E-003	0.00000E+000	9.67796E+001	9.67796E+001	3.13000E-002	0.00000E+000	9.75621E+001
Rubber Tired Loaders	7.94000E-003	1.28030E-001	2.58040E-001	4.80000E-004	7.90000E-004	7.90000E-004	0.00000E+000	4.22980E+001	4.22980E+001	1.36800E-002	0.00000E+000	4.26400E+001
Scrapers	3.20600E-002	5.17020E-001	1.04206E+000	1.96000E-003	3.21000E-003	3.21000E-003	0.00000E+000	1.71944E+002	1.71944E+002	5.56100E-002	0.00000E+000	1.73335E+002
Skid Steer Loaders	8.37000E-003	1.91190E-001	2.58170E-001	3.40000E-004	7.81000E-003	7.81000E-003	0.00000E+000	2.99203E+001	2.99203E+001	9.68000E-003	0.00000E+000	3.01622E+001
Tractors/Loaders/Backhoes	2.60100E-002	5.06030E-001	8.74910E-001	1.16000E-003	1.89000E-003	1.89000E-003	0.00000E+000	1.02274E+002	1.02274E+002	3.30800E-002	0.00000E+000	1.03101E+002
Trenchers	4.05000E-003	7.87500E-002	1.36160E-001	1.80000E-004	2.90000E-004	2.90000E-004	0.00000E+000	1.58842E+001	1.58842E+001	5.14000E-003	0.00000E+000	1.60127E+001
Welders	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

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	6.92217E-001	1.10883E-001	-1.25292E-002	0.00000E+000	9.30572E-001	9.30572E-001	0.00000E+000	1.09300E-006	1.09300E-006	0.00000E+000	0.00000E+000	1.22790E-006
Cement and Mortar Mixers	1.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.99673E-006
Cranes	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	6.51026E-001	-5.87302E-001	-2.00574E-001	0.00000E+000	8.79560E-001	8.69110E-001	0.00000E+000	1.17668E-006	1.17668E-006	0.00000E+000	0.00000E+000	1.16724E-006
Forklifts	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
Generator Sets	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	6.89067E-001	5.70002E-001	-1.13581E+000	0.00000E+000	9.17366E-001	9.10175E-001	0.00000E+000	1.16679E-006	1.16679E-006	0.00000E+000	0.00000E+000	1.30212E-006
Other Construction Equipment	7.75342E-001	1.74053E-001	-1.76163E-001	0.00000E+000	9.40379E-001	9.35294E-001	0.00000E+000	8.57001E-007	8.57001E-007	0.00000E+000	0.00000E+000	1.70025E-006
Pavers	6.81438E-001	-2.13830E-001	-2.31971E-001	0.00000E+000	9.03803E-001	8.95504E-001	0.00000E+000	1.29755E-006	1.29755E-006	0.00000E+000	0.00000E+000	1.28715E-006
Paving Equipment	6.83352E-001	-2.65329E-001	-2.12336E-001	0.00000E+000	9.03599E-001	8.95251E-001	0.00000E+000	1.24771E-006	1.24771E-006	0.00000E+000	0.00000E+000	1.23770E-006
Pumps	5.95865E-001	6.96020E-002	-9.09365E-002	0.00000E+000	9.20742E-001	9.20742E-001	0.00000E+000	1.32281E-006	1.32281E-006	0.00000E+000	0.00000E+000	9.91063E-007
Rollers	5.89441E-001	2.39361E-001	-7.28634E-002	0.00000E+000	9.45763E-001	9.41032E-001	0.00000E+000	1.16197E-006	1.16197E-006	0.00000E+000	0.00000E+000	1.15265E-006
Rough Terrain Forklifts	2.22426E-001	-1.43095E-001	-1.41550E-001	0.00000E+000	8.54782E-001	8.42308E-001	0.00000E+000	1.21208E-006	1.21208E-006	0.00000E+000	0.00000E+000	1.20236E-006
Rubber Tired Dozers	7.98521E-001	6.84627E-001	-4.50644E-001	0.00000E+000	9.56543E-001	9.52768E-001	0.00000E+000	1.23993E-006	1.23993E-006	0.00000E+000	0.00000E+000	1.12749E-006
Rubber Tired Loaders	6.01606E-001	3.13843E-001	-1.23411E+000	0.00000E+000	8.73397E-001	8.62609E-001	0.00000E+000	1.18209E-006	1.18209E-006	0.00000E+000	0.00000E+000	1.17261E-006
Scrapers	6.74980E-001	4.85895E-001	-3.47236E-001	0.00000E+000	9.19123E-001	9.12103E-001	0.00000E+000	1.22132E-006	1.22132E-006	0.00000E+000	0.00000E+000	1.15384E-006
Skid Steer Loaders	1.66335E-001	-4.29031E-001	-1.36012E-001	0.00000E+000	-8.55107E-001	-1.01809E+000	0.00000E+000	1.00266E-006	1.00266E-006	0.00000E+000	0.00000E+000	9.94620E-007
Tractors/Loaders/Backhoes	5.12648E-001	6.08029E-002	-4.88264E-002	0.00000E+000	9.23077E-001	9.16372E-001	0.00000E+000	1.17332E-006	1.17332E-006	0.00000E+000	0.00000E+000	1.16391E-006
Trenchers	7.67642E-001	5.16545E-001	1.28326E-002	0.00000E+000	9.73708E-001	9.71429E-001	0.00000E+000	1.25911E-006	1.25911E-006	0.00000E+000	0.00000E+000	1.24901E-006
Welders	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	
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
Grading -1	Fugitive Dust	0.10	0.04	0.04	0.02	0.61	0.61
Grading -1	Roads	0.15	0.02	0.06	0.01	0.56	0.55
Grading -2	Fugitive Dust	0.46	0.19	0.18	0.08	0.61	0.61
Grading -2	Roads	1.25	0.13	0.54	0.06	0.57	0.56
P1 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Architectural Coating	Roads	0.02	0.00	0.01	0.00	0.55	0.53
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	0.07	0.01	0.03	0.00	0.56	0.53
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	0.02	0.00	0.01	0.00	0.55	0.53
P1 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Paving	Roads	0.02	0.00	0.01	0.00	0.55	0.53
P1 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.62
P1 Site Preparation (mo. 1)	Roads	0.02	0.00	0.01	0.00	0.56	0.53
P2 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.53
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	0.05	0.01	0.02	0.00	0.56	0.53
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	0.02	0.00	0.01	0.00	0.56	0.53
P2 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Paving	Roads	0.02	0.00	0.01	0.00	0.55	0.53
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	0.02	0.00	0.01	0.00	0.56	0.53
P3 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Architectural Coating	Roads	0.12	0.01	0.05	0.01	0.55	0.52
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	0.05	0.01	0.02	0.00	0.56	0.53
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	0.02	0.00	0.01	0.00	0.56	0.53
P3 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Paving	Roads	0.03	0.00	0.02	0.00	0.55	0.53
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	0.02	0.00	0.01	0.00	0.55	0.53
P4 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.52
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	0.09	0.01	0.04	0.00	0.56	0.53

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	0.01	0.00	0.56	0.53
P4 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Paving	Roads	0.03	0.00	0.02	0.00	0.55	0.53
P4 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.62
P4 Site Preparation (mo. 1)	Roads	0.03	0.00	0.01	0.00	0.56	0.53
P5 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.52
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	0.09	0.01	0.04	0.00	0.56	0.53
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	0.01	0.00	0.56	0.53
P5 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Paving	Roads	0.04	0.00	0.02	0.00	0.55	0.52
P5 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
P5 Site Preparation (mo. 1)	Roads	0.03	0.00	0.01	0.00	0.56	0.53
Site Preparation -1	Fugitive Dust	0.18	0.10	0.07	0.04	0.61	0.61
Site Preparation -1	Roads	0.06	0.01	0.03	0.00	0.56	0.53
Site Preparation -2	Fugitive Dust	0.21	0.11	0.08	0.04	0.61	0.61
Site Preparation -2	Roads	0.08	0.01	0.03	0.00	0.56	0.53
Utilities -1	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Utilities -1	Roads	0.05	0.01	0.02	0.00	0.55	0.53
Utilities -2	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Utilities -2	Roads	0.12	0.01	0.05	0.01	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	
Yes	Use Low VOC Paint (Residential Interior)	150.00
Yes	Use Low VOC Paint (Residential Exterior)	150.00
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	0.00
No	% Electric Leafblower	0.00
No	% Electric Chainsaw	0.00

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

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Proctor Valley EIR - PA 16-19 Residential - San Diego County, Annual

Proctor Valley EIR - PA 16-19 Residential

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	125.00	Dwelling Unit	368.00	591,125.00	344

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2028
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	427.49	**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 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Construction Phase - Refer to CalEEMod Input Matrix Table 5

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

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

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

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

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

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

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Vehicle Trips - Operational Emissions Modeled Separately

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Woodstoves - Operational Emissions Modeled Separately

Area Coating - Operational Emissions Modeled Separately

Energy Use - Operational Emissions Modeled Separately

Construction Off-road Equipment Mitigation - --

Water Mitigation -

Waste Mitigation -

On-road Fugitive Dust - --

Consumer Products - Operational Emissions Modeled Separately

Water And Wastewater - Operational Emissions Modeled Separately

Solid Waste - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	399,009.00	70,228.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	399,009.00	28,730.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	399,009.00	28,730.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	399,009.00	31,922.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,197,028.00	210,685.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,197,028.00	86,190.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,197,028.00	86,190.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,197,028.00	95,766.00
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_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
tblAreaCoating	Area_Residential_Exterior	399009	0
tblAreaCoating	Area_Residential_Interior	1197028	0
tblConsumerProducts	ROG_EF	2.14E-05	1E-10
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-12
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-14
tblEnergyUse	LightingElect	1,608.84	0.00
tblEnergyUse	NT24E	6,680.41	0.00
tblEnergyUse	NT24NG	4,180.00	0.00
tblEnergyUse	T24E	374.93	0.00
tblEnergyUse	T24NG	24,312.55	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	68.75	0.00
tblFireplaces	NumberNoFireplace	12.50	0.00
tblFireplaces	NumberWood	43.75	0.00
tblGrading	AcresOfGrading	11.00	0.00
tblGrading	AcresOfGrading	10.00	0.00
tblGrading	AcresOfGrading	11.00	0.00
tblGrading	AcresOfGrading	11.00	0.00
tblLandUse	BuildingSpaceSquareFeet	225,000.00	591,125.00
tblLandUse	LandUseSquareFeet	225,000.00	591,125.00
tblLandUse	LotAcreage	40.58	368.00
tblLandUse	Population	358.00	344.00
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	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00

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tblOffRoadEquipment	PhaseName		P8 Site Preparation (mo. 1)
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tblOffRoadEquipment	PhaseName		P9 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P6 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P8 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P9 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P8 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P9 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P7 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P8 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P8 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P9 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P6 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P9 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P6 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P7 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P7 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P8 Site Preparation (mo. 1)

tblOffRoadEquipment	PhaseName		P8 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P9 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P9 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P6 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
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tblOffRoadEquipment	PhaseName		P9 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
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tblOffRoadEquipment	UsageHours	7.00	8.00
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tblOnRoadDust	VendorPercentPave	100.00	98.00
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tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	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
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	427.49
tblProjectCharacteristics	OperationalYear	2018	2028
tblSolidWaste	SolidWasteGenerationRate	141.04	0.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00

tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
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tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
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tblTripsAndVMT	WorkerTripNumber	13.00	4.00
tblTripsAndVMT	WorkerTripNumber	45.00	4.00
tblTripsAndVMT	WorkerTripNumber	9.00	2.00
tblTripsAndVMT	WorkerTripNumber	45.00	4.00

tblTripsAndVMT	WorkerTripNumber	45.00	4.00
tblTripsAndVMT	WorkerTripNumber	9.00	2.00
tblTripsAndVMT	WorkerTripNumber	45.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
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tblTripsAndVMT	WorkerTripNumber	45.00	4.00
tblTripsAndVMT	WorkerTripNumber	9.00	2.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	9.52	0.00
tblWater	IndoorWaterUseRate	8,144,253.20	0.00
tblWater	OutdoorWaterUseRate	5,134,420.50	0.00
tblWoodstoves	NumberCatalytic	6.25	0.00
tblWoodstoves	NumberNoncatalytic	6.25	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2026	0.4107	0.7540	1.0552	1.8800e-003	0.2851	0.0303	0.3153	0.0299	0.0284	0.0584	0.0000	165.3799	165.3799	0.0387	0.0000	166.3472
2027	0.6752	0.8158	1.1676	2.0600e-003	0.3750	0.0320	0.4070	0.0393	0.0300	0.0694	0.0000	181.2361	181.2361	0.0434	0.0000	182.3213
Maximum	**0.6752**	**0.8158**	**1.1676**	**2.0600e-003**	**0.3750**	**0.0320**	**0.4070**	**0.0393**	**0.0300**	**0.0694**	**0.0000**	**181.2361**	**181.2361**	**0.0434**	**0.0000**	**182.3213**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2026	0.3670	0.7276	1.1940	1.8800e-003	0.2021	4.5800e-003	0.2067	0.0217	4.5700e-003	0.0262	0.0000	165.3798	165.3798	0.0387	0.0000	166.3471
2027	0.6301	0.8067	1.3141	2.0600e-003	0.2658	6.7300e-003	0.2725	0.0284	6.7300e-003	0.0352	0.0000	181.2359	181.2359	0.0434	0.0000	182.3211
Maximum	**0.6301**	**0.8067**	**1.3141**	**2.0600e-003**	**0.2658**	**6.7300e-003**	**0.2725**	**0.0284**	**6.7300e-003**	**0.0352**	**0.0000**	**181.2359**	**181.2359**	**0.0434**	**0.0000**	**182.3211**

	ROG	**NOx**	**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	**8.18**	**2.25**	**-12.84**	**0.00**	**29.12**	**81.83**	**33.67**	**27.69**	**80.67**	**51.93**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
11	**4-1-2026**	**6-30-2026**	0.0657	0.0692
12	**7-1-2026**	**9-30-2026**	0.4226	0.4073
13	**10-1-2026**	**12-31-2026**	0.3280	0.3245
14	**1-1-2027**	**3-31-2027**	0.2997	0.2774
15	**4-1-2027**	**6-30-2027**	0.6915	0.7010
16	**7-1-2027**	**9-30-2027**	0.3130	0.2686
		Highest	0.6915	0.7010

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0279	0.0107	0.9273	5.0000e-005		5.1500e-003	5.1500e-003		5.1500e-003	5.1500e-003	0.0000	1.5161	1.5161	1.4500e-003	0.0000	1.5524
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	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	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0279**	**0.0107**	**0.9273**	**5.0000e-005**	**0.0000**	**5.1500e-003**	**5.1500e-003**	**0.0000**	**5.1500e-003**	**5.1500e-003**	**0.0000**	**1.5161**	**1.5161**	**1.4500e-003**	**0.0000**	**1.5524**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0279	0.0107	0.9273	5.0000e-005		5.1500e-003	5.1500e-003		5.1500e-003	5.1500e-003	0.0000	1.5161	1.5161	1.4500e-003	0.0000	1.5524
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	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	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0279**	**0.0107**	**0.9273**	**5.0000e-005**	**0.0000**	**5.1500e-003**	**5.1500e-003**	**0.0000**	**5.1500e-003**	**5.1500e-003**	**0.0000**	**1.5161**	**1.5161**	**1.4500e-003**	**0.0000**	**1.5524**

	ROG	**NOx**	**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	P6 Site Preperation (mo. 1)	Site Preparation	4/1/2026	4/30/2026	5	22	
2	P6 Building Construction 1 (mo. 2-4)	Building Construction	5/1/2026	7/31/2026	5	66	
3	P6 Architecutal Coating	Architectural Coating	6/1/2026	7/31/2026	5	45	
4	P6 Building Construction 2 (mo. 5)	Building Construction	8/1/2026	8/31/2026	5	21	
5	P6 Paving	Paving	8/1/2026	8/31/2026	5	21	
6	P7 Paving	Paving	8/1/2026	8/31/2026	5	21	
7	P7 Site Preparation (mo. 1)	Site Preparation	9/1/2026	9/30/2026	5	22	
8	P7 Building Construction 1 (mo. 2-4)	Building Construction	10/1/2026	12/31/2026	5	66	
9	P7 Architectural Coating	Architectural Coating	11/1/2026	12/31/2026	5	44	
10	P7 Building Construction 2 (mo. 5)	Building Construction	1/1/2027	1/31/2027	5	21	
11	P8 Paving	Paving	1/1/2027	1/31/2027	5	21	
12	P8 Site Preparation (mo. 1)	Site Preparation	2/1/2027	2/28/2027	5	20	
13	P8 Building Construction 1 (mo. 2-4)	Building Construction	3/1/2027	5/31/2027	5	66	
14	P8 Architectural Coating	Architectural Coating	4/1/2027	5/31/2027	5	43	
15	P8 Building Construction 2 (mo. 5)	Building Construction	6/1/2027	6/30/2027	5	22	
16	P9 Paving	Paving	6/1/2027	6/30/2027	5	22	
17	P9 Site Preparation (mo. 1)	Site Preparation	7/1/2027	7/31/2027	5	22	
18	P9 Building Construction 1 (mo. 2-4)	Building Construction	8/1/2027	10/31/2027	5	65	
19	P9 Architectural Coating	Architectural Coating	9/1/2027	10/31/2027	5	43	
20	P9 Building Construction 2 (mo. 5)	Building Construction	11/1/2027	11/30/2027	5	22	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 86,190; Residential Outdoor: 28,730; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P6 Site Preperation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P6 Site Preperation (mo. 1)	Graders	1	8.00	187	0.41
P6 Site Preperation (mo. 1)	Pumps	1	8.00	84	0.74
P6 Site Preperation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P6 Site Preperation (mo. 1)	Trenchers	1	8.00	78	0.50
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 Architecutal Coating	Air Compressors	2	6.00	78	0.48
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	2	8.00	65	0.37
P6 Paving	Pavers	2	8.00	130	0.42
P6 Paving	Paving Equipment	2	8.00	132	0.36
P6 Paving	Rollers	2	8.00	80	0.38
P7 Paving	Pavers	2	8.00	130	0.42
P7 Paving	Paving Equipment	2	8.00	132	0.36
P7 Paving	Rollers	2	8.00	80	0.38
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
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 Architectural Coating	Air Compressors	2	6.00	78	0.48
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	2	8.00	65	0.37
P8 Paving	Pavers	2	8.00	130	0.42
P8 Paving	Paving Equipment	2	8.00	132	0.36
P8 Paving	Rollers	2	8.00	80	0.38
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 Architectural Coating	Air Compressors	2	6.00	78	0.48
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	2	8.00	65	0.37
P9 Paving	Pavers	2	8.00	130	0.42
P9 Paving	Paving Equipment	2	8.00	132	0.36
P9 Paving	Rollers	2	8.00	80	0.38
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
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	97	0.37
P9 Architectural Coating	Air Compressors	2	6.00	78	0.48
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	2	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
P6 Site Preperation (mo. 1)	5	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 1 (mo. 2-	2	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Architecutal Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 2 (mo. 5)	4	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Paving	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Paving	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Site Preparation (mo. 1)	5	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 1 (mo. 2-	2	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 2 (mo. 5)	4	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Paving	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Site Preparation (mo. 1)	5	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 1 (mo. 2-	2	8.00	2.00	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
P8 Building Construction 2 (mo. 5)	4	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Paving	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Site Preparation (mo. 1)	5	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Building Construction 1 (mo. 2-	2	4.00	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
P9 Building Construction 2 (mo. 5)	4	4.00	2.00	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 P6 Site Preperation (mo. 1) - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0113	0.1099	0.1052	2.1000e-004		4.9100e-003	4.9100e-003		4.6200e-003	4.6200e-003	0.0000	18.3775	18.3775	4.0700e-003	0.0000	18.4793
Total	**0.0113**	**0.1099**	**0.1052**	**2.1000e-004**	**0.0000**	**4.9100e-003**	**4.9100e-003**	**0.0000**	**4.6200e-003**	**4.6200e-003**	**0.0000**	**18.3775**	**18.3775**	**4.0700e-003**	**0.0000**	**18.4793**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.6100e-003	4.9000e-004	1.0000e-005	4.3500e-003	0.0000	4.3500e-003	4.6000e-004	0.0000	4.6000e-004	0.0000	0.5454	0.5454	4.0000e-005	0.0000	0.5463
Worker	1.2000e-004	7.0000e-005	7.8000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2536	0.2536	1.0000e-005	0.0000	0.2538
Total	**1.6000e-004**	**1.6800e-003**	**1.2700e-003**	**1.0000e-005**	**0.0172**	**0.0000**	**0.0172**	**1.8000e-003**	**0.0000**	**1.8000e-003**	**0.0000**	**0.7990**	**0.7990**	**5.0000e-005**	**0.0000**	**0.8000**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.9100e-003	0.0740	0.1286	2.1000e-004		8.0000e-004	8.0000e-004		8.0000e-004	8.0000e-004	0.0000	18.3775	18.3775	4.0700e-003	0.0000	18.4793
Total	**3.9100e-003**	**0.0740**	**0.1286**	**2.1000e-004**	**0.0000**	**8.0000e-004**	**8.0000e-004**	**0.0000**	**8.0000e-004**	**8.0000e-004**	**0.0000**	**18.3775**	**18.3775**	**4.0700e-003**	**0.0000**	**18.4793**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.6100e-003	4.9000e-004	1.0000e-005	3.0900e-003	0.0000	3.0900e-003	3.4000e-004	0.0000	3.4000e-004	0.0000	0.5454	0.5454	4.0000e-005	0.0000	0.5463
Worker	1.2000e-004	7.0000e-005	7.8000e-004	0.0000	9.0600e-003	0.0000	9.0700e-003	9.6000e-004	0.0000	9.6000e-004	0.0000	0.2536	0.2536	1.0000e-005	0.0000	0.2538
Total	**1.6000e-004**	**1.6800e-003**	**1.2700e-003**	**1.0000e-005**	**0.0122**	**0.0000**	**0.0122**	**1.3000e-003**	**0.0000**	**1.3000e-003**	**0.0000**	**0.7990**	**0.7990**	**5.0000e-005**	**0.0000**	**0.8000**

3.3 P6 Building Construction 1 (mo. 2-4) - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.5600e-003	0.0864	0.1490	2.2000e-004		2.9800e-003	2.9800e-003		2.7400e-003	2.7400e-003	0.0000	19.0332	19.0332	6.1600e-003	0.0000	19.1871
Total	**7.5600e-003**	**0.0864**	**0.1490**	**2.2000e-004**		**2.9800e-003**	**2.9800e-003**		**2.7400e-003**	**2.7400e-003**	**0.0000**	**19.0332**	**19.0332**	**6.1600e-003**	**0.0000**	**19.1871**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	4.8200e-003	1.4600e-003	2.0000e-005	0.0131	1.0000e-005	0.0131	1.3800e-003	1.0000e-005	1.3900e-003	0.0000	1.6361	1.6361	1.1000e-004	0.0000	1.6388
Worker	3.6000e-004	2.1000e-004	2.3300e-003	1.0000e-005	0.0384	1.0000e-005	0.0384	4.0100e-003	1.0000e-005	4.0100e-003	0.0000	0.7608	0.7608	2.0000e-005	0.0000	0.7613
Total	**4.9000e-004**	**5.0300e-003**	**3.7900e-003**	**3.0000e-005**	**0.0515**	**2.0000e-005**	**0.0515**	**5.3900e-003**	**2.0000e-005**	**5.4000e-003**	**0.0000**	**2.3969**	**2.3969**	**1.3000e-004**	**0.0000**	**2.4001**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.8600e-003	0.0945	0.1634	2.2000e-004		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	19.0332	19.0332	6.1600e-003	0.0000	19.1871
Total	**4.8600e-003**	**0.0945**	**0.1634**	**2.2000e-004**		**3.5000e-004**	**3.5000e-004**		**3.5000e-004**	**3.5000e-004**	**0.0000**	**19.0332**	**19.0332**	**6.1600e-003**	**0.0000**	**19.1871**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	4.8200e-003	1.4600e-003	2.0000e-005	9.2700e-003	1.0000e-005	9.2800e-003	1.0100e-003	1.0000e-005	1.0100e-003	0.0000	1.6361	1.6361	1.1000e-004	0.0000	1.6388
Worker	3.6000e-004	2.1000e-004	2.3300e-003	1.0000e-005	0.0272	1.0000e-005	0.0272	2.8900e-003	1.0000e-005	2.8900e-003	0.0000	0.7608	0.7608	2.0000e-005	0.0000	0.7613
Total	**4.9000e-004**	**5.0300e-003**	**3.7900e-003**	**3.0000e-005**	**0.0365**	**2.0000e-005**	**0.0365**	**3.9000e-003**	**2.0000e-005**	**3.9000e-003**	**0.0000**	**2.3969**	**2.3969**	**1.3000e-004**	**0.0000**	**2.4001**

3.4 P6 Architecutal Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1665					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.6900e-003	0.0516	0.0814	1.3000e-004		2.3200e-003	2.3200e-003		2.3200e-003	2.3200e-003	0.0000	11.4896	11.4896	6.3000e-004	0.0000	11.5053
Total	**0.1741**	**0.0516**	**0.0814**	**1.3000e-004**		**2.3200e-003**	**2.3200e-003**		**2.3200e-003**	**2.3200e-003**	**0.0000**	**11.4896**	**11.4896**	**6.3000e-004**	**0.0000**	**11.5053**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8000e-004	6.5700e-003	1.9900e-003	2.0000e-005	0.0178	1.0000e-005	0.0178	1.8900e-003	1.0000e-005	1.9000e-003	0.0000	2.2310	2.2310	1.5000e-004	0.0000	2.2347
Worker	1.2000e-004	7.0000e-005	7.9000e-004	0.0000	0.0131	0.0000	0.0131	1.3700e-003	0.0000	1.3700e-003	0.0000	0.2594	0.2594	1.0000e-005	0.0000	0.2595
Total	**3.0000e-004**	**6.6400e-003**	**2.7800e-003**	**2.0000e-005**	**0.0309**	**1.0000e-005**	**0.0309**	**3.2600e-003**	**1.0000e-005**	**3.2700e-003**	**0.0000**	**2.4904**	**2.4904**	**1.6000e-004**	**0.0000**	**2.4943**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1665					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4500e-003	0.0477	0.0825	1.3000e-004		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	11.4896	11.4896	6.3000e-004	0.0000	11.5053
Total	**0.1689**	**0.0477**	**0.0825**	**1.3000e-004**		**1.8000e-004**	**1.8000e-004**		**1.8000e-004**	**1.8000e-004**	**0.0000**	**11.4896**	**11.4896**	**6.3000e-004**	**0.0000**	**11.5053**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8000e-004	6.5700e-003	1.9900e-003	2.0000e-005	0.0126	1.0000e-005	0.0127	1.3700e-003	1.0000e-005	1.3800e-003	0.0000	2.2310	2.2310	1.5000e-004	0.0000	2.2347
Worker	1.2000e-004	7.0000e-005	7.9000e-004	0.0000	9.2700e-003	0.0000	9.2700e-003	9.8000e-004	0.0000	9.9000e-004	0.0000	0.2594	0.2594	1.0000e-005	0.0000	0.2595
Total	**3.0000e-004**	**6.6400e-003**	**2.7800e-003**	**2.0000e-005**	**0.0219**	**1.0000e-005**	**0.0219**	**2.3500e-003**	**1.0000e-005**	**2.3700e-003**	**0.0000**	**2.4904**	**2.4904**	**1.6000e-004**	**0.0000**	**2.4943**

3.5 P6 Building Construction 2 (mo. 5) - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.8800e-003	0.0340	0.0562	9.0000e-005		1.0300e-003	1.0300e-003		9.6000e-004	9.6000e-004	0.0000	7.4792	7.4792	2.3100e-003	0.0000	7.5371
Total	**2.8800e-003**	**0.0340**	**0.0562**	**9.0000e-005**		**1.0300e-003**	**1.0300e-003**		**9.6000e-004**	**9.6000e-004**	**0.0000**	**7.4792**	**7.4792**	**2.3100e-003**	**0.0000**	**7.5371**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.5300e-003	4.6000e-004	1.0000e-005	4.1600e-003	0.0000	4.1600e-003	4.4000e-004	0.0000	4.4000e-004	0.0000	0.5206	0.5206	3.0000e-005	0.0000	0.5214
Worker	1.1000e-004	7.0000e-005	7.4000e-004	0.0000	0.0122	0.0000	0.0122	1.2700e-003	0.0000	1.2800e-003	0.0000	0.2421	0.2421	1.0000e-005	0.0000	0.2422
Total	**1.5000e-004**	**1.6000e-003**	**1.2000e-003**	**1.0000e-005**	**0.0164**	**0.0000**	**0.0164**	**1.7100e-003**	**0.0000**	**1.7200e-003**	**0.0000**	**0.7627**	**0.7627**	**4.0000e-005**	**0.0000**	**0.7637**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.8800e-003	0.0403	0.0604	9.0000e-005		1.0600e-003	1.0600e-003		1.0600e-003	1.0600e-003	0.0000	7.4792	7.4792	2.3100e-003	0.0000	7.5370
Total	**1.8800e-003**	**0.0403**	**0.0604**	**9.0000e-005**		**1.0600e-003**	**1.0600e-003**		**1.0600e-003**	**1.0600e-003**	**0.0000**	**7.4792**	**7.4792**	**2.3100e-003**	**0.0000**	**7.5370**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.5300e-003	4.6000e-004	1.0000e-005	2.9500e-003	0.0000	2.9500e-003	3.2000e-004	0.0000	3.2000e-004	0.0000	0.5206	0.5206	3.0000e-005	0.0000	0.5214
Worker	1.1000e-004	7.0000e-005	7.4000e-004	0.0000	8.6500e-003	0.0000	8.6500e-003	9.2000e-004	0.0000	9.2000e-004	0.0000	0.2421	0.2421	1.0000e-005	0.0000	0.2422
Total	**1.5000e-004**	**1.6000e-003**	**1.2000e-003**	**1.0000e-005**	**0.0116**	**0.0000**	**0.0116**	**1.2400e-003**	**0.0000**	**1.2400e-003**	**0.0000**	**0.7627**	**0.7627**	**4.0000e-005**	**0.0000**	**0.7637**

3.6 P6 Paving - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.6100e-003	0.0901	0.1531	2.4000e-004		4.3900e-003	4.3900e-003		4.0400e-003	4.0400e-003	0.0000	21.0202	21.0202	6.8000e-003	0.0000	21.1902
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.6100e-003**	**0.0901**	**0.1531**	**2.4000e-004**		**4.3900e-003**	**4.3900e-003**		**4.0400e-003**	**4.0400e-003**	**0.0000**	**21.0202**	**21.0202**	**6.8000e-003**	**0.0000**	**21.1902**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1000e-004	7.6700e-003	2.3200e-003	3.0000e-005	0.0208	1.0000e-005	0.0208	2.2000e-003	1.0000e-005	2.2100e-003	0.0000	2.6028	2.6028	1.7000e-004	0.0000	2.6072
Worker	1.1000e-004	7.0000e-005	7.4000e-004	0.0000	0.0122	0.0000	0.0122	1.2700e-003	0.0000	1.2800e-003	0.0000	0.2421	0.2421	1.0000e-005	0.0000	0.2422
Total	**3.2000e-004**	**7.7400e-003**	**3.0600e-003**	**3.0000e-005**	**0.0330**	**1.0000e-005**	**0.0330**	**3.4700e-003**	**1.0000e-005**	**3.4900e-003**	**0.0000**	**2.8449**	**2.8449**	**1.8000e-004**	**0.0000**	**2.8494**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.5100e-003	0.1054	0.1816	2.4000e-004		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	21.0202	21.0202	6.8000e-003	0.0000	21.1902
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.5100e-003**	**0.1054**	**0.1816**	**2.4000e-004**		**3.9000e-004**	**3.9000e-004**		**3.9000e-004**	**3.9000e-004**	**0.0000**	**21.0202**	**21.0202**	**6.8000e-003**	**0.0000**	**21.1902**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1000e-004	7.6700e-003	2.3200e-003	3.0000e-005	0.0148	1.0000e-005	0.0148	1.6000e-003	1.0000e-005	1.6100e-003	0.0000	2.6028	2.6028	1.7000e-004	0.0000	2.6072
Worker	1.1000e-004	7.0000e-005	7.4000e-004	0.0000	8.6500e-003	0.0000	8.6500e-003	9.2000e-004	0.0000	9.2000e-004	0.0000	0.2421	0.2421	1.0000e-005	0.0000	0.2422
Total	**3.2000e-004**	**7.7400e-003**	**3.0600e-003**	**3.0000e-005**	**0.0234**	**1.0000e-005**	**0.0234**	**2.5200e-003**	**1.0000e-005**	**2.5300e-003**	**0.0000**	**2.8449**	**2.8449**	**1.8000e-004**	**0.0000**	**2.8494**

3.7 P7 Paving - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.6100e-003	0.0901	0.1531	2.4000e-004		4.3900e-003	4.3900e-003		4.0400e-003	4.0400e-003	0.0000	21.0202	21.0202	6.8000e-003	0.0000	21.1902
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.6100e-003**	**0.0901**	**0.1531**	**2.4000e-004**		**4.3900e-003**	**4.3900e-003**		**4.0400e-003**	**4.0400e-003**	**0.0000**	**21.0202**	**21.0202**	**6.8000e-003**	**0.0000**	**21.1902**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1000e-004	7.6700e-003	2.3200e-003	3.0000e-005	0.0208	1.0000e-005	0.0208	2.2000e-003	1.0000e-005	2.2100e-003	0.0000	2.6028	2.6028	1.7000e-004	0.0000	2.6072
Worker	1.1000e-004	7.0000e-005	7.4000e-004	0.0000	0.0122	0.0000	0.0122	1.2700e-003	0.0000	1.2800e-003	0.0000	0.2421	0.2421	1.0000e-005	0.0000	0.2422
Total	**3.2000e-004**	**7.7400e-003**	**3.0600e-003**	**3.0000e-005**	**0.0330**	**1.0000e-005**	**0.0330**	**3.4700e-003**	**1.0000e-005**	**3.4900e-003**	**0.0000**	**2.8449**	**2.8449**	**1.8000e-004**	**0.0000**	**2.8494**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.5100e-003	0.1054	0.1816	2.4000e-004		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	21.0202	21.0202	6.8000e-003	0.0000	21.1902
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.5100e-003**	**0.1054**	**0.1816**	**2.4000e-004**		**3.9000e-004**	**3.9000e-004**		**3.9000e-004**	**3.9000e-004**	**0.0000**	**21.0202**	**21.0202**	**6.8000e-003**	**0.0000**	**21.1902**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1000e-004	7.6700e-003	2.3200e-003	3.0000e-005	0.0148	1.0000e-005	0.0148	1.6000e-003	1.0000e-005	1.6100e-003	0.0000	2.6028	2.6028	1.7000e-004	0.0000	2.6072
Worker	1.1000e-004	7.0000e-005	7.4000e-004	0.0000	8.6500e-003	0.0000	8.6500e-003	9.2000e-004	0.0000	9.2000e-004	0.0000	0.2421	0.2421	1.0000e-005	0.0000	0.2422
Total	**3.2000e-004**	**7.7400e-003**	**3.0600e-003**	**3.0000e-005**	**0.0234**	**1.0000e-005**	**0.0234**	**2.5200e-003**	**1.0000e-005**	**2.5300e-003**	**0.0000**	**2.8449**	**2.8449**	**1.8000e-004**	**0.0000**	**2.8494**

3.8 P7 Site Preparation (mo. 1) - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0113	0.1099	0.1052	2.1000e-004		4.9100e-003	4.9100e-003		4.6200e-003	4.6200e-003	0.0000	18.3775	18.3775	4.0700e-003	0.0000	18.4793
Total	**0.0113**	**0.1099**	**0.1052**	**2.1000e-004**	**0.0000**	**4.9100e-003**	**4.9100e-003**	**0.0000**	**4.6200e-003**	**4.6200e-003**	**0.0000**	**18.3775**	**18.3775**	**4.0700e-003**	**0.0000**	**18.4793**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	3.2100e-003	9.7000e-004	1.0000e-005	8.7100e-003	0.0000	8.7100e-003	9.2000e-004	0.0000	9.3000e-004	0.0000	1.0907	1.0907	7.0000e-005	0.0000	1.0925
Worker	1.2000e-004	7.0000e-005	7.8000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2536	0.2536	1.0000e-005	0.0000	0.2538
Total	**2.1000e-004**	**3.2800e-003**	**1.7500e-003**	**1.0000e-005**	**0.0215**	**0.0000**	**0.0215**	**2.2600e-003**	**0.0000**	**2.2700e-003**	**0.0000**	**1.3443**	**1.3443**	**8.0000e-005**	**0.0000**	**1.3463**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.9100e-003	0.0740	0.1286	2.1000e-004		8.0000e-004	8.0000e-004		8.0000e-004	8.0000e-004	0.0000	18.3775	18.3775	4.0700e-003	0.0000	18.4793
Total	**3.9100e-003**	**0.0740**	**0.1286**	**2.1000e-004**	**0.0000**	**8.0000e-004**	**8.0000e-004**	**0.0000**	**8.0000e-004**	**8.0000e-004**	**0.0000**	**18.3775**	**18.3775**	**4.0700e-003**	**0.0000**	**18.4793**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	3.2100e-003	9.7000e-004	1.0000e-005	6.1800e-003	0.0000	6.1800e-003	6.7000e-004	0.0000	6.7000e-004	0.0000	1.0907	1.0907	7.0000e-005	0.0000	1.0925
Worker	1.2000e-004	7.0000e-005	7.8000e-004	0.0000	9.0600e-003	0.0000	9.0700e-003	9.6000e-004	0.0000	9.6000e-004	0.0000	0.2536	0.2536	1.0000e-005	0.0000	0.2538
Total	**2.1000e-004**	**3.2800e-003**	**1.7500e-003**	**1.0000e-005**	**0.0152**	**0.0000**	**0.0153**	**1.6300e-003**	**0.0000**	**1.6300e-003**	**0.0000**	**1.3443**	**1.3443**	**8.0000e-005**	**0.0000**	**1.3463**

3.9 P7 Building Construction 1 (mo. 2-4) - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.5600e-003	0.0864	0.1490	2.2000e-004		2.9800e-003	2.9800e-003		2.7400e-003	2.7400e-003	0.0000	19.0332	19.0332	6.1600e-003	0.0000	19.1871
Total	**7.5600e-003**	**0.0864**	**0.1490**	**2.2000e-004**		**2.9800e-003**	**2.9800e-003**		**2.7400e-003**	**2.7400e-003**	**0.0000**	**19.0332**	**19.0332**	**6.1600e-003**	**0.0000**	**19.1871**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	4.8200e-003	1.4600e-003	2.0000e-005	0.0131	1.0000e-005	0.0131	1.3800e-003	1.0000e-005	1.3900e-003	0.0000	1.6361	1.6361	1.1000e-004	0.0000	1.6388
Worker	3.6000e-004	2.1000e-004	2.3300e-003	1.0000e-005	0.0384	1.0000e-005	0.0384	4.0100e-003	1.0000e-005	4.0100e-003	0.0000	0.7608	0.7608	2.0000e-005	0.0000	0.7613
Total	**4.9000e-004**	**5.0300e-003**	**3.7900e-003**	**3.0000e-005**	**0.0515**	**2.0000e-005**	**0.0515**	**5.3900e-003**	**2.0000e-005**	**5.4000e-003**	**0.0000**	**2.3969**	**2.3969**	**1.3000e-004**	**0.0000**	**2.4001**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.8600e-003	0.0945	0.1634	2.2000e-004		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	19.0332	19.0332	6.1600e-003	0.0000	19.1871
Total	**4.8600e-003**	**0.0945**	**0.1634**	**2.2000e-004**		**3.5000e-004**	**3.5000e-004**		**3.5000e-004**	**3.5000e-004**	**0.0000**	**19.0332**	**19.0332**	**6.1600e-003**	**0.0000**	**19.1871**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	4.8200e-003	1.4600e-003	2.0000e-005	9.2700e-003	1.0000e-005	9.2800e-003	1.0100e-003	1.0000e-005	1.0100e-003	0.0000	1.6361	1.6361	1.1000e-004	0.0000	1.6388
Worker	3.6000e-004	2.1000e-004	2.3300e-003	1.0000e-005	0.0272	1.0000e-005	0.0272	2.8900e-003	1.0000e-005	2.8900e-003	0.0000	0.7608	0.7608	2.0000e-005	0.0000	0.7613
Total	**4.9000e-004**	**5.0300e-003**	**3.7900e-003**	**3.0000e-005**	**0.0365**	**2.0000e-005**	**0.0365**	**3.9000e-003**	**2.0000e-005**	**3.9000e-003**	**0.0000**	**2.3969**	**2.3969**	**1.3000e-004**	**0.0000**	**2.4001**

3.10 P7 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1665					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.5200e-003	0.0504	0.0796	1.3000e-004		2.2700e-003	2.2700e-003		2.2700e-003	2.2700e-003	0.0000	11.2343	11.2343	6.1000e-004	0.0000	11.2496
Total	**0.1740**	**0.0504**	**0.0796**	**1.3000e-004**		**2.2700e-003**	**2.2700e-003**		**2.2700e-003**	**2.2700e-003**	**0.0000**	**11.2343**	**11.2343**	**6.1000e-004**	**0.0000**	**11.2496**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8000e-004	6.4200e-003	1.9400e-003	2.0000e-005	0.0174	1.0000e-005	0.0174	1.8500e-003	1.0000e-005	1.8500e-003	0.0000	2.1814	2.1814	1.5000e-004	0.0000	2.1851
Worker	1.2000e-004	7.0000e-005	7.8000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2536	0.2536	1.0000e-005	0.0000	0.2538
Total	**3.0000e-004**	**6.4900e-003**	**2.7200e-003**	**2.0000e-005**	**0.0302**	**1.0000e-005**	**0.0302**	**3.1900e-003**	**1.0000e-005**	**3.1900e-003**	**0.0000**	**2.4350**	**2.4350**	**1.6000e-004**	**0.0000**	**2.4388**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1665					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4000e-003	0.0466	0.0806	1.3000e-004		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	11.2343	11.2343	6.1000e-004	0.0000	11.2496
Total	**0.1689**	**0.0466**	**0.0806**	**1.3000e-004**		**1.7000e-004**	**1.7000e-004**		**1.7000e-004**	**1.7000e-004**	**0.0000**	**11.2343**	**11.2343**	**6.1000e-004**	**0.0000**	**11.2496**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8000e-004	6.4200e-003	1.9400e-003	2.0000e-005	0.0124	1.0000e-005	0.0124	1.3400e-003	1.0000e-005	1.3500e-003	0.0000	2.1814	2.1814	1.5000e-004	0.0000	2.1851
Worker	1.2000e-004	7.0000e-005	7.8000e-004	0.0000	9.0600e-003	0.0000	9.0700e-003	9.6000e-004	0.0000	9.6000e-004	0.0000	0.2536	0.2536	1.0000e-005	0.0000	0.2538
Total	**3.0000e-004**	**6.4900e-003**	**2.7200e-003**	**2.0000e-005**	**0.0214**	**1.0000e-005**	**0.0214**	**2.3000e-003**	**1.0000e-005**	**2.3100e-003**	**0.0000**	**2.4350**	**2.4350**	**1.6000e-004**	**0.0000**	**2.4388**

3.11 P7 Building Construction 2 (mo. 5) - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.8800e-003	0.0340	0.0562	9.0000e-005		1.0300e-003	1.0300e-003		9.6000e-004	9.6000e-004	0.0000	7.4792	7.4792	2.3100e-003	0.0000	7.5371
Total	**2.8800e-003**	**0.0340**	**0.0562**	**9.0000e-005**		**1.0300e-003**	**1.0300e-003**		**9.6000e-004**	**9.6000e-004**	**0.0000**	**7.4792**	**7.4792**	**2.3100e-003**	**0.0000**	**7.5371**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.5100e-003	4.6000e-004	1.0000e-005	4.1600e-003	0.0000	4.1600e-003	4.4000e-004	0.0000	4.4000e-004	0.0000	0.5178	0.5178	3.0000e-005	0.0000	0.5187
Worker	1.1000e-004	6.0000e-005	7.0000e-004	0.0000	0.0122	0.0000	0.0122	1.2700e-003	0.0000	1.2800e-003	0.0000	0.2340	0.2340	1.0000e-005	0.0000	0.2341
Total	**1.5000e-004**	**1.5700e-003**	**1.1600e-003**	**1.0000e-005**	**0.0164**	**0.0000**	**0.0164**	**1.7100e-003**	**0.0000**	**1.7200e-003**	**0.0000**	**0.7518**	**0.7518**	**4.0000e-005**	**0.0000**	**0.7528**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.8800e-003	0.0403	0.0604	9.0000e-005		1.0600e-003	1.0600e-003		1.0600e-003	1.0600e-003	0.0000	7.4792	7.4792	2.3100e-003	0.0000	7.5370
Total	**1.8800e-003**	**0.0403**	**0.0604**	**9.0000e-005**		**1.0600e-003**	**1.0600e-003**		**1.0600e-003**	**1.0600e-003**	**0.0000**	**7.4792**	**7.4792**	**2.3100e-003**	**0.0000**	**7.5370**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.5100e-003	4.6000e-004	1.0000e-005	2.9500e-003	0.0000	2.9500e-003	3.2000e-004	0.0000	3.2000e-004	0.0000	0.5178	0.5178	3.0000e-005	0.0000	0.5187
Worker	1.1000e-004	6.0000e-005	7.0000e-004	0.0000	8.6500e-003	0.0000	8.6500e-003	9.2000e-004	0.0000	9.2000e-004	0.0000	0.2340	0.2340	1.0000e-005	0.0000	0.2341
Total	**1.5000e-004**	**1.5700e-003**	**1.1600e-003**	**1.0000e-005**	**0.0116**	**0.0000**	**0.0116**	**1.2400e-003**	**0.0000**	**1.2400e-003**	**0.0000**	**0.7518**	**0.7518**	**4.0000e-005**	**0.0000**	**0.7528**

3.12 P8 Paving - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.6100e-003	0.0901	0.1531	2.4000e-004		4.3900e-003	4.3900e-003		4.0400e-003	4.0400e-003	0.0000	21.0202	21.0202	6.8000e-003	0.0000	21.1902
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.6100e-003**	**0.0901**	**0.1531**	**2.4000e-004**		**4.3900e-003**	**4.3900e-003**		**4.0400e-003**	**4.0400e-003**	**0.0000**	**21.0202**	**21.0202**	**6.8000e-003**	**0.0000**	**21.1902**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1000e-004	7.5600e-003	2.2900e-003	3.0000e-005	0.0208	1.0000e-005	0.0208	2.2000e-003	1.0000e-005	2.2100e-003	0.0000	2.5891	2.5891	1.7000e-004	0.0000	2.5934
Worker	1.1000e-004	6.0000e-005	7.0000e-004	0.0000	0.0122	0.0000	0.0122	1.2700e-003	0.0000	1.2800e-003	0.0000	0.2340	0.2340	1.0000e-005	0.0000	0.2341
Total	**3.2000e-004**	**7.6200e-003**	**2.9900e-003**	**3.0000e-005**	**0.0330**	**1.0000e-005**	**0.0330**	**3.4700e-003**	**1.0000e-005**	**3.4900e-003**	**0.0000**	**2.8231**	**2.8231**	**1.8000e-004**	**0.0000**	**2.8275**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.5100e-003	0.1054	0.1816	2.4000e-004		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	21.0202	21.0202	6.8000e-003	0.0000	21.1902
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.5100e-003**	**0.1054**	**0.1816**	**2.4000e-004**		**3.9000e-004**	**3.9000e-004**		**3.9000e-004**	**3.9000e-004**	**0.0000**	**21.0202**	**21.0202**	**6.8000e-003**	**0.0000**	**21.1902**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1000e-004	7.5600e-003	2.2900e-003	3.0000e-005	0.0148	1.0000e-005	0.0148	1.6000e-003	1.0000e-005	1.6100e-003	0.0000	2.5891	2.5891	1.7000e-004	0.0000	2.5934
Worker	1.1000e-004	6.0000e-005	7.0000e-004	0.0000	8.6500e-003	0.0000	8.6500e-003	9.2000e-004	0.0000	9.2000e-004	0.0000	0.2340	0.2340	1.0000e-005	0.0000	0.2341
Total	**3.2000e-004**	**7.6200e-003**	**2.9900e-003**	**3.0000e-005**	**0.0234**	**1.0000e-005**	**0.0234**	**2.5200e-003**	**1.0000e-005**	**2.5300e-003**	**0.0000**	**2.8231**	**2.8231**	**1.8000e-004**	**0.0000**	**2.8275**

3.13 P8 Site Preparation (mo. 1) - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0103	0.0999	0.0957	1.9000e-004		4.4600e-003	4.4600e-003		4.2000e-003	4.2000e-003	0.0000	16.7068	16.7068	3.7000e-003	0.0000	16.7994
Total	**0.0103**	**0.0999**	**0.0957**	**1.9000e-004**	**0.0000**	**4.4600e-003**	**4.4600e-003**	**0.0000**	**4.2000e-003**	**4.2000e-003**	**0.0000**	**16.7068**	**16.7068**	**3.7000e-003**	**0.0000**	**16.7994**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.4400e-003	4.4000e-004	1.0000e-005	3.9600e-003	0.0000	3.9600e-003	4.2000e-004	0.0000	4.2000e-004	0.0000	0.4932	0.4932	3.0000e-005	0.0000	0.4940
Worker	2.1000e-004	1.2000e-004	1.3300e-003	0.0000	0.0233	0.0000	0.0233	2.4300e-003	0.0000	2.4300e-003	0.0000	0.4457	0.4457	1.0000e-005	0.0000	0.4459
Total	**2.5000e-004**	**1.5600e-003**	**1.7700e-003**	**1.0000e-005**	**0.0272**	**0.0000**	**0.0272**	**2.8500e-003**	**0.0000**	**2.8500e-003**	**0.0000**	**0.9388**	**0.9388**	**4.0000e-005**	**0.0000**	**0.9399**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.5500e-003	0.0673	0.1169	1.9000e-004		7.3000e-004	7.3000e-004		7.3000e-004	7.3000e-004	0.0000	16.7068	16.7068	3.7000e-003	0.0000	16.7994
Total	**3.5500e-003**	**0.0673**	**0.1169**	**1.9000e-004**	**0.0000**	**7.3000e-004**	**7.3000e-004**	**0.0000**	**7.3000e-004**	**7.3000e-004**	**0.0000**	**16.7068**	**16.7068**	**3.7000e-003**	**0.0000**	**16.7994**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.4400e-003	4.4000e-004	1.0000e-005	2.8100e-003	0.0000	2.8100e-003	3.1000e-004	0.0000	3.1000e-004	0.0000	0.4932	0.4932	3.0000e-005	0.0000	0.4940
Worker	2.1000e-004	1.2000e-004	1.3300e-003	0.0000	0.0165	0.0000	0.0165	1.7500e-003	0.0000	1.7500e-003	0.0000	0.4457	0.4457	1.0000e-005	0.0000	0.4459
Total	**2.5000e-004**	**1.5600e-003**	**1.7700e-003**	**1.0000e-005**	**0.0193**	**0.0000**	**0.0193**	**2.0600e-003**	**0.0000**	**2.0600e-003**	**0.0000**	**0.9388**	**0.9388**	**4.0000e-005**	**0.0000**	**0.9399**

3.14 P8 Building Construction 1 (mo. 2-4) - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.5600e-003	0.0864	0.1490	2.2000e-004		2.9800e-003	2.9800e-003		2.7400e-003	2.7400e-003	0.0000	19.0332	19.0332	6.1600e-003	0.0000	19.1871
Total	**7.5600e-003**	**0.0864**	**0.1490**	**2.2000e-004**		**2.9800e-003**	**2.9800e-003**		**2.7400e-003**	**2.7400e-003**	**0.0000**	**19.0332**	**19.0332**	**6.1600e-003**	**0.0000**	**19.1871**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	4.7500e-003	1.4400e-003	2.0000e-005	0.0131	1.0000e-005	0.0131	1.3800e-003	1.0000e-005	1.3900e-003	0.0000	1.6274	1.6274	1.1000e-004	0.0000	1.6301
Worker	6.9000e-004	4.0000e-004	4.3900e-003	2.0000e-005	0.0768	1.0000e-005	0.0768	8.0100e-003	1.0000e-005	8.0200e-003	0.0000	1.4707	1.4707	3.0000e-005	0.0000	1.4715
Total	**8.2000e-004**	**5.1500e-003**	**5.8300e-003**	**4.0000e-005**	**0.0899**	**2.0000e-005**	**0.0899**	**9.3900e-003**	**2.0000e-005**	**9.4100e-003**	**0.0000**	**3.0981**	**3.0981**	**1.4000e-004**	**0.0000**	**3.1017**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.8600e-003	0.0945	0.1634	2.2000e-004		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	19.0332	19.0332	6.1600e-003	0.0000	19.1871
Total	**4.8600e-003**	**0.0945**	**0.1634**	**2.2000e-004**		**3.5000e-004**	**3.5000e-004**		**3.5000e-004**	**3.5000e-004**	**0.0000**	**19.0332**	**19.0332**	**6.1600e-003**	**0.0000**	**19.1871**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	4.7500e-003	1.4400e-003	2.0000e-005	9.2700e-003	1.0000e-005	9.2800e-003	1.0100e-003	1.0000e-005	1.0100e-003	0.0000	1.6274	1.6274	1.1000e-004	0.0000	1.6301
Worker	6.9000e-004	4.0000e-004	4.3900e-003	2.0000e-005	0.0544	1.0000e-005	0.0544	5.7700e-003	1.0000e-005	5.7800e-003	0.0000	1.4707	1.4707	3.0000e-005	0.0000	1.4715
Total	**8.2000e-004**	**5.1500e-003**	**5.8300e-003**	**4.0000e-005**	**0.0637**	**2.0000e-005**	**0.0637**	**6.7800e-003**	**2.0000e-005**	**6.7900e-003**	**0.0000**	**3.0981**	**3.0981**	**1.4000e-004**	**0.0000**	**3.1017**

3.15 P8 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4069					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.3500e-003	0.0493	0.0778	1.3000e-004		2.2100e-003	2.2100e-003		2.2100e-003	2.2100e-003	0.0000	10.9790	10.9790	6.0000e-004	0.0000	10.9940
Total	**0.4142**	**0.0493**	**0.0778**	**1.3000e-004**		**2.2100e-003**	**2.2100e-003**		**2.2100e-003**	**2.2100e-003**	**0.0000**	**10.9790**	**10.9790**	**6.0000e-004**	**0.0000**	**10.9940**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7000e-004	6.1900e-003	1.8800e-003	2.0000e-005	0.0170	1.0000e-005	0.0170	1.8000e-003	1.0000e-005	1.8100e-003	0.0000	2.1206	2.1206	1.4000e-004	0.0000	2.1241
Worker	1.1000e-004	7.0000e-005	7.1000e-004	0.0000	0.0125	0.0000	0.0125	1.3000e-003	0.0000	1.3100e-003	0.0000	0.2396	0.2396	1.0000e-005	0.0000	0.2397
Total	**2.8000e-004**	**6.2600e-003**	**2.5900e-003**	**2.0000e-005**	**0.0295**	**1.0000e-005**	**0.0295**	**3.1000e-003**	**1.0000e-005**	**3.1200e-003**	**0.0000**	**2.3601**	**2.3601**	**1.5000e-004**	**0.0000**	**2.3638**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4069					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.3400e-003	0.0456	0.0788	1.3000e-004		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	10.9790	10.9790	6.0000e-004	0.0000	10.9940
Total	**0.4092**	**0.0456**	**0.0788**	**1.3000e-004**		**1.7000e-004**	**1.7000e-004**		**1.7000e-004**	**1.7000e-004**	**0.0000**	**10.9790**	**10.9790**	**6.0000e-004**	**0.0000**	**10.9940**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7000e-004	6.1900e-003	1.8800e-003	2.0000e-005	0.0121	1.0000e-005	0.0121	1.3100e-003	1.0000e-005	1.3200e-003	0.0000	2.1206	2.1206	1.4000e-004	0.0000	2.1241
Worker	1.1000e-004	7.0000e-005	7.1000e-004	0.0000	8.8600e-003	0.0000	8.8600e-003	9.4000e-004	0.0000	9.4000e-004	0.0000	0.2396	0.2396	1.0000e-005	0.0000	0.2397
Total	**2.8000e-004**	**6.2600e-003**	**2.5900e-003**	**2.0000e-005**	**0.0209**	**1.0000e-005**	**0.0210**	**2.2500e-003**	**1.0000e-005**	**2.2600e-003**	**0.0000**	**2.3601**	**2.3601**	**1.5000e-004**	**0.0000**	**2.3638**

3.16 P8 Building Construction 2 (mo. 5) - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.0200e-003	0.0356	0.0589	9.0000e-005		1.0800e-003	1.0800e-003		1.0100e-003	1.0100e-003	0.0000	7.8354	7.8354	2.4200e-003	0.0000	7.8960
Total	**3.0200e-003**	**0.0356**	**0.0589**	**9.0000e-005**		**1.0800e-003**	**1.0800e-003**		**1.0100e-003**	**1.0100e-003**	**0.0000**	**7.8354**	**7.8354**	**2.4200e-003**	**0.0000**	**7.8960**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.5800e-003	4.8000e-004	1.0000e-005	4.3500e-003	0.0000	4.3500e-003	4.6000e-004	0.0000	4.6000e-004	0.0000	0.5425	0.5425	4.0000e-005	0.0000	0.5434
Worker	2.3000e-004	1.3000e-004	1.4600e-003	1.0000e-005	0.0256	0.0000	0.0256	2.6700e-003	0.0000	2.6700e-003	0.0000	0.4902	0.4902	1.0000e-005	0.0000	0.4905
Total	**2.7000e-004**	**1.7100e-003**	**1.9400e-003**	**2.0000e-005**	**0.0300**	**0.0000**	**0.0300**	**3.1300e-003**	**0.0000**	**3.1300e-003**	**0.0000**	**1.0327**	**1.0327**	**5.0000e-005**	**0.0000**	**1.0339**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.9700e-003	0.0422	0.0632	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	7.8354	7.8354	2.4200e-003	0.0000	7.8960
Total	**1.9700e-003**	**0.0422**	**0.0632**	**9.0000e-005**		**1.1100e-003**	**1.1100e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**7.8354**	**7.8354**	**2.4200e-003**	**0.0000**	**7.8960**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.5800e-003	4.8000e-004	1.0000e-005	3.0900e-003	0.0000	3.0900e-003	3.4000e-004	0.0000	3.4000e-004	0.0000	0.5425	0.5425	4.0000e-005	0.0000	0.5434
Worker	2.3000e-004	1.3000e-004	1.4600e-003	1.0000e-005	0.0181	0.0000	0.0181	1.9200e-003	0.0000	1.9300e-003	0.0000	0.4902	0.4902	1.0000e-005	0.0000	0.4905
Total	**2.7000e-004**	**1.7100e-003**	**1.9400e-003**	**2.0000e-005**	**0.0212**	**0.0000**	**0.0212**	**2.2600e-003**	**0.0000**	**2.2700e-003**	**0.0000**	**1.0327**	**1.0327**	**5.0000e-005**	**0.0000**	**1.0339**

3.17 P9 Paving - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0101	0.0944	0.1604	2.5000e-004		4.6000e-003	4.6000e-003		4.2400e-003	4.2400e-003	0.0000	22.0212	22.0212	7.1200e-003	0.0000	22.1992
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0101**	**0.0944**	**0.1604**	**2.5000e-004**		**4.6000e-003**	**4.6000e-003**		**4.2400e-003**	**4.2400e-003**	**0.0000**	**22.0212**	**22.0212**	**7.1200e-003**	**0.0000**	**22.1992**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.2000e-004	7.9200e-003	2.4000e-003	3.0000e-005	0.0218	1.0000e-005	0.0218	2.3100e-003	1.0000e-005	2.3200e-003	0.0000	2.7124	2.7124	1.8000e-004	0.0000	2.7169
Worker	1.1000e-004	7.0000e-005	7.3000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2451	0.2451	1.0000e-005	0.0000	0.2453
Total	**3.3000e-004**	**7.9900e-003**	**3.1300e-003**	**3.0000e-005**	**0.0346**	**1.0000e-005**	**0.0346**	**3.6500e-003**	**1.0000e-005**	**3.6600e-003**	**0.0000**	**2.9575**	**2.9575**	**1.9000e-004**	**0.0000**	**2.9621**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.6700e-003	0.1104	0.1903	2.5000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	22.0212	22.0212	7.1200e-003	0.0000	22.1992
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.6700e-003**	**0.1104**	**0.1903**	**2.5000e-004**		**4.1000e-004**	**4.1000e-004**		**4.1000e-004**	**4.1000e-004**	**0.0000**	**22.0212**	**22.0212**	**7.1200e-003**	**0.0000**	**22.1992**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.2000e-004	7.9200e-003	2.4000e-003	3.0000e-005	0.0155	1.0000e-005	0.0155	1.6800e-003	1.0000e-005	1.6900e-003	0.0000	2.7124	2.7124	1.8000e-004	0.0000	2.7169
Worker	1.1000e-004	7.0000e-005	7.3000e-004	0.0000	9.0600e-003	0.0000	9.0700e-003	9.6000e-004	0.0000	9.6000e-004	0.0000	0.2451	0.2451	1.0000e-005	0.0000	0.2453
Total	**3.3000e-004**	**7.9900e-003**	**3.1300e-003**	**3.0000e-005**	**0.0245**	**1.0000e-005**	**0.0245**	**2.6400e-003**	**1.0000e-005**	**2.6500e-003**	**0.0000**	**2.9575**	**2.9575**	**1.9000e-004**	**0.0000**	**2.9621**

3.18 P9 Site Preparation (mo. 1) - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0113	0.1099	0.1052	2.1000e-004		4.9100e-003	4.9100e-003		4.6200e-003	4.6200e-003	0.0000	18.3775	18.3775	4.0700e-003	0.0000	18.4793
Total	**0.0113**	**0.1099**	**0.1052**	**2.1000e-004**	**0.0000**	**4.9100e-003**	**4.9100e-003**	**0.0000**	**4.6200e-003**	**4.6200e-003**	**0.0000**	**18.3775**	**18.3775**	**4.0700e-003**	**0.0000**	**18.4793**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.5800e-003	4.8000e-004	1.0000e-005	4.3500e-003	0.0000	4.3500e-003	4.6000e-004	0.0000	4.6000e-004	0.0000	0.5425	0.5425	4.0000e-005	0.0000	0.5434
Worker	1.1000e-004	7.0000e-005	7.3000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2451	0.2451	1.0000e-005	0.0000	0.2453
Total	**1.5000e-004**	**1.6500e-003**	**1.2100e-003**	**1.0000e-005**	**0.0172**	**0.0000**	**0.0172**	**1.8000e-003**	**0.0000**	**1.8000e-003**	**0.0000**	**0.7876**	**0.7876**	**5.0000e-005**	**0.0000**	**0.7886**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.9100e-003	0.0740	0.1286	2.1000e-004		8.0000e-004	8.0000e-004		8.0000e-004	8.0000e-004	0.0000	18.3775	18.3775	4.0700e-003	0.0000	18.4793
Total	**3.9100e-003**	**0.0740**	**0.1286**	**2.1000e-004**	**0.0000**	**8.0000e-004**	**8.0000e-004**	**0.0000**	**8.0000e-004**	**8.0000e-004**	**0.0000**	**18.3775**	**18.3775**	**4.0700e-003**	**0.0000**	**18.4793**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.5800e-003	4.8000e-004	1.0000e-005	3.0900e-003	0.0000	3.0900e-003	3.4000e-004	0.0000	3.4000e-004	0.0000	0.5425	0.5425	4.0000e-005	0.0000	0.5434
Worker	1.1000e-004	7.0000e-005	7.3000e-004	0.0000	9.0600e-003	0.0000	9.0700e-003	9.6000e-004	0.0000	9.6000e-004	0.0000	0.2451	0.2451	1.0000e-005	0.0000	0.2453
Total	**1.5000e-004**	**1.6500e-003**	**1.2100e-003**	**1.0000e-005**	**0.0122**	**0.0000**	**0.0122**	**1.3000e-003**	**0.0000**	**1.3000e-003**	**0.0000**	**0.7876**	**0.7876**	**5.0000e-005**	**0.0000**	**0.7886**

3.19 P9 Building Construction 1 (mo. 2-4) - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.4400e-003	0.0851	0.1467	2.1000e-004		2.9300e-003	2.9300e-003		2.7000e-003	2.7000e-003	0.0000	18.7448	18.7448	6.0600e-003	0.0000	18.8964
Total	**7.4400e-003**	**0.0851**	**0.1467**	**2.1000e-004**		**2.9300e-003**	**2.9300e-003**		**2.7000e-003**	**2.7000e-003**	**0.0000**	**18.7448**	**18.7448**	**6.0600e-003**	**0.0000**	**18.8964**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	4.6800e-003	1.4200e-003	2.0000e-005	0.0129	1.0000e-005	0.0129	1.3600e-003	1.0000e-005	1.3700e-003	0.0000	1.6028	1.6028	1.1000e-004	0.0000	1.6054
Worker	3.4000e-004	2.0000e-004	2.1600e-003	1.0000e-005	0.0378	1.0000e-005	0.0378	3.9400e-003	1.0000e-005	3.9500e-003	0.0000	0.7242	0.7242	2.0000e-005	0.0000	0.7246
Total	**4.7000e-004**	**4.8800e-003**	**3.5800e-003**	**3.0000e-005**	**0.0507**	**2.0000e-005**	**0.0507**	**5.3000e-003**	**2.0000e-005**	**5.3200e-003**	**0.0000**	**2.3270**	**2.3270**	**1.3000e-004**	**0.0000**	**2.3301**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.7900e-003	0.0931	0.1610	2.1000e-004		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	18.7448	18.7448	6.0600e-003	0.0000	18.8964
Total	**4.7900e-003**	**0.0931**	**0.1610**	**2.1000e-004**		**3.5000e-004**	**3.5000e-004**		**3.5000e-004**	**3.5000e-004**	**0.0000**	**18.7448**	**18.7448**	**6.0600e-003**	**0.0000**	**18.8964**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	4.6800e-003	1.4200e-003	2.0000e-005	9.1300e-003	1.0000e-005	9.1400e-003	9.9000e-004	1.0000e-005	1.0000e-003	0.0000	1.6028	1.6028	1.1000e-004	0.0000	1.6054
Worker	3.4000e-004	2.0000e-004	2.1600e-003	1.0000e-005	0.0268	1.0000e-005	0.0268	2.8400e-003	1.0000e-005	2.8500e-003	0.0000	0.7242	0.7242	2.0000e-005	0.0000	0.7246
Total	**4.7000e-004**	**4.8800e-003**	**3.5800e-003**	**3.0000e-005**	**0.0359**	**2.0000e-005**	**0.0359**	**3.8300e-003**	**2.0000e-005**	**3.8500e-003**	**0.0000**	**2.3270**	**2.3270**	**1.3000e-004**	**0.0000**	**2.3301**

3.20 P9 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1850					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.3500e-003	0.0493	0.0778	1.3000e-004		2.2100e-003	2.2100e-003		2.2100e-003	2.2100e-003	0.0000	10.9790	10.9790	6.0000e-004	0.0000	10.9940
Total	**0.1923**	**0.0493**	**0.0778**	**1.3000e-004**		**2.2100e-003**	**2.2100e-003**		**2.2100e-003**	**2.2100e-003**	**0.0000**	**10.9790**	**10.9790**	**6.0000e-004**	**0.0000**	**10.9940**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7000e-004	6.1900e-003	1.8800e-003	2.0000e-005	0.0170	1.0000e-005	0.0170	1.8000e-003	1.0000e-005	1.8100e-003	0.0000	2.1206	2.1206	1.4000e-004	0.0000	2.1241
Worker	1.1000e-004	7.0000e-005	7.1000e-004	0.0000	0.0125	0.0000	0.0125	1.3000e-003	0.0000	1.3100e-003	0.0000	0.2396	0.2396	1.0000e-005	0.0000	0.2397
Total	**2.8000e-004**	**6.2600e-003**	**2.5900e-003**	**2.0000e-005**	**0.0295**	**1.0000e-005**	**0.0295**	**3.1000e-003**	**1.0000e-005**	**3.1200e-003**	**0.0000**	**2.3601**	**2.3601**	**1.5000e-004**	**0.0000**	**2.3638**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1850					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.3400e-003	0.0456	0.0788	1.3000e-004		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	10.9790	10.9790	6.0000e-004	0.0000	10.9940
Total	**0.1873**	**0.0456**	**0.0788**	**1.3000e-004**		**1.7000e-004**	**1.7000e-004**		**1.7000e-004**	**1.7000e-004**	**0.0000**	**10.9790**	**10.9790**	**6.0000e-004**	**0.0000**	**10.9940**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7000e-004	6.1900e-003	1.8800e-003	2.0000e-005	0.0121	1.0000e-005	0.0121	1.3100e-003	1.0000e-005	1.3200e-003	0.0000	2.1206	2.1206	1.4000e-004	0.0000	2.1241
Worker	1.1000e-004	7.0000e-005	7.1000e-004	0.0000	8.8600e-003	0.0000	8.8600e-003	9.4000e-004	0.0000	9.4000e-004	0.0000	0.2396	0.2396	1.0000e-005	0.0000	0.2397
Total	**2.8000e-004**	**6.2600e-003**	**2.5900e-003**	**2.0000e-005**	**0.0209**	**1.0000e-005**	**0.0210**	**2.2500e-003**	**1.0000e-005**	**2.2600e-003**	**0.0000**	**2.3601**	**2.3601**	**1.5000e-004**	**0.0000**	**2.3638**

3.21 P9 Building Construction 2 (mo. 5) - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.0200e-003	0.0356	0.0589	9.0000e-005		1.0800e-003	1.0800e-003		1.0100e-003	1.0100e-003	0.0000	7.8354	7.8354	2.4200e-003	0.0000	7.8960
Total	**3.0200e-003**	**0.0356**	**0.0589**	**9.0000e-005**		**1.0800e-003**	**1.0800e-003**		**1.0100e-003**	**1.0100e-003**	**0.0000**	**7.8354**	**7.8354**	**2.4200e-003**	**0.0000**	**7.8960**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.5800e-003	4.8000e-004	1.0000e-005	4.3500e-003	0.0000	4.3500e-003	4.6000e-004	0.0000	4.6000e-004	0.0000	0.5425	0.5425	4.0000e-005	0.0000	0.5434
Worker	1.1000e-004	7.0000e-005	7.3000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2451	0.2451	1.0000e-005	0.0000	0.2453
Total	**1.5000e-004**	**1.6500e-003**	**1.2100e-003**	**1.0000e-005**	**0.0172**	**0.0000**	**0.0172**	**1.8000e-003**	**0.0000**	**1.8000e-003**	**0.0000**	**0.7876**	**0.7876**	**5.0000e-005**	**0.0000**	**0.7886**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.9700e-003	0.0422	0.0632	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	7.8354	7.8354	2.4200e-003	0.0000	7.8960
Total	**1.9700e-003**	**0.0422**	**0.0632**	**9.0000e-005**		**1.1100e-003**	**1.1100e-003**		**1.1100e-003**	**1.1100e-003**	**0.0000**	**7.8354**	**7.8354**	**2.4200e-003**	**0.0000**	**7.8960**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.5800e-003	4.8000e-004	1.0000e-005	3.0900e-003	0.0000	3.0900e-003	3.4000e-004	0.0000	3.4000e-004	0.0000	0.5425	0.5425	4.0000e-005	0.0000	0.5434
Worker	1.1000e-004	7.0000e-005	7.3000e-004	0.0000	9.0600e-003	0.0000	9.0700e-003	9.6000e-004	0.0000	9.6000e-004	0.0000	0.2451	0.2451	1.0000e-005	0.0000	0.2453
Total	**1.5000e-004**	**1.6500e-003**	**1.2100e-003**	**1.0000e-005**	**0.0122**	**0.0000**	**0.0122**	**1.3000e-003**	**0.0000**	**1.3000e-003**	**0.0000**	**0.7876**	**0.7876**	**5.0000e-005**	**0.0000**	**0.7886**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Single Family Housing	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0279	0.0107	0.9273	5.0000e-005		5.1500e-003	5.1500e-003		5.1500e-003	5.1500e-003	0.0000	1.5161	1.5161	1.4500e-003	0.0000	1.5524
Unmitigated	0.0279	0.0107	0.9273	5.0000e-005		5.1500e-003	5.1500e-003		5.1500e-003	5.1500e-003	0.0000	1.5161	1.5161	1.4500e-003	0.0000	1.5524

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.0000e-005					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0278	0.0107	0.9273	5.0000e-005		5.1500e-003	5.1500e-003		5.1500e-003	5.1500e-003	0.0000	1.5161	1.5161	1.4500e-003	0.0000	1.5524
Total	**0.0279**	**0.0107**	**0.9273**	**5.0000e-005**		**5.1500e-003**	**5.1500e-003**		**5.1500e-003**	**5.1500e-003**	**0.0000**	**1.5161**	**1.5161**	**1.4500e-003**	**0.0000**	**1.5524**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.0000e-005					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0278	0.0107	0.9273	5.0000e-005		5.1500e-003	5.1500e-003		5.1500e-003	5.1500e-003	0.0000	1.5161	1.5161	1.4500e-003	0.0000	1.5524
Total	**0.0279**	**0.0107**	**0.9273**	**5.0000e-005**		**5.1500e-003**	**5.1500e-003**		**5.1500e-003**	**5.1500e-003**	**0.0000**	**1.5161**	**1.5161**	**1.4500e-003**	**0.0000**	**1.5524**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Single Family Housing	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Single Family Housing	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Single Family Housing	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Institute Recycling and Composting Services Percent Reduction in Waste Disposed	75.00

CalEEMod Input Sheet
Project Characteristics

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	Proctor Valley EIR - PA 16-19 Residential Phases 1-5	--	--
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-23	PA 16 -19 Schedule	Proctor Valley EIR Assumptions
Operational Year	2028	PA 16 -19 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)	427.49	Adjusted for RPS	
CH4 Intensity Factor (lb./Mwh)	default		
N20 Intensity Factor (lb./Mwh)	default		

CalEEMod Input Sheet
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**
Site Preparation -1	Site Preparation	1-Apr-23	30-Apr-23	5 days/week	20
Grading -1	Grading	1-May-23	30-May-23	5 days/week	22
Utilities -1	Site Preparation	1-May-23	30-Jun-23	5 days/week	45
P1 Paving	Paving	1-Jun-23	30-Jun-23	5 days/week	22
P1 Site Preparation (mo. 1)	Site Preparation	1-Jul-23	31-Jul-23	5 days/week	21
P1 Building Construction 1 (mo. 2-4)	Building Construction	1-Aug-23	31-Oct-23	5 days/week	66
P1 Architectural Coating	Architectural Coating	1-Sep-23	31-Oct-23	5 days/week	43
P1 Building Construction 2 (mo. 5)	Building Construction	1-Nov-23	30-Nov-23	5 days/week	22
Site Preparation -2	Site Preparation	1-Jan-24	31-Jan-24	5 days/week	23
Grading -2	Grading	1-Feb-24	30-Jun-24	5 days/week	107
Utilities -2	Site Preparation	1-May-24	30-Sep-24	5 days/week	109
P2 Paving	Paving	1-Jul-24	31-Jul-24	5 days/week	23
P2 Site Preparation (mo. 1)	Site Preparation	1-Aug-24	31-Aug-24	5 days/week	22
P2 Building Construction 1 (mo. 2-4)	Building Construction	1-Sep-24	30-Nov-24	5 days/week	65
P2 Architectural Coating	Architectural Coating	1-Oct-24	30-Nov-24	5 days/week	44
P2 Building Construction 2 (mo. 5)	Building Construction	1-Dec-24	31-Dec-24	5 days/week	22
P3 Paving	Paving	1-Dec-24	31-Dec-24	5 days/week	22
P3 Site Preparation (mo. 1)	Site Preparation	1-Jan-25	31-Jan-25	5 days/week	23
P3 Building Construction 1 (mo. 2-4)	Building Construction	1-Feb-25	30-Apr-25	5 days/week	63
P3 Architectural Coating	Architectural Coating	1-Mar-25	30-Apr-25	5 days/week	43
P3 Building Construction 2 (mo. 5)	Building Construction	1-May-25	31-May-25	5 days/week	22
P4 Paving	Paving	1-May-25	31-May-25	5 days/week	22
P4 Site Preparation (mo. 1)	Site Preparation	1-Jun-25	30-Jun-25	5 days/week	21
P4 Building Construction 1 (mo. 2-4)	Building Construction	1-Jul-25	30-Sep-25	5 days/week	66
P4 Architectural Coating	Architectural Coating	1-Aug-25	30-Sep-25	5 days/week	43
P4 Building Construction 2 (mo. 5)	Building Construction	1-Oct-25	31-Oct-25	5 days/week	23
P5 Paving	Paving	1-Oct-25	31-Oct-25	5 days/week	23
P5 Site Preparation (mo. 1)	Site Preparation	1-Nov-25	30-Nov-25	5 days/week	20
P5 Building Construction 1 (mo. 2-4)	Building Construction	1-Dec-25	28-Feb-26	5 days/week	65
P5 Architectural Coating	Architectural Coating	1-Jan-26	28-Feb-26	5 days/week	42
P5 Building Construction 2 (mo. 5)	Building Construction	1-Mar-26	31-Mar-26	5 days/week	22

CalEEMod Input Sheet
Construction Phase

Table 6: Off-Road Equipment					
Phase Name	**Equipment Type**	**Unit Amount**	**Hours/Day**	**Horsepower (hp)**	**Load Factor**
Site Preparation (all)	Rubber Tired Dozer	default	8	default	
	Tractor/Loader/Backhoe				
	Other Construction Equipment (brush grinder)				
Grading (all)	default				
Utilities (all)	Excavator	1			
	Rubber Tired Loader	1			
All Phases Site Preparation (mo. 1)	Grader	1			
	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 Paving	default				
All Phases Architectural Coating	Air Compressor	2			

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	default				--	default	
Grading	default	--		default	153.2	default	

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
Site Preparation -1									
Site Preparation -2									
Grading -1			580	default		2	default		MHDT
Grading -2			6,828			2			MHDT
Utilities -1	Refer to CalEEMod Input Matrix Table								
Utilities -2									
All Phases Site Preparation (mo. 1)									
All Phases Building Construction 1 (mo. 2-4)									
All Phases Building Construction 2 (mo. 5)									
All Phases Paving									
All Phases Architectural Coating									

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)
Site Preparation -1								
Site Preparation -2								
Grading -1			0					
Grading -2			0					
Utilities -1								
Utilities -2								
All Phases Site Preparation (mo. 1)					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	124,497	100	41,499	N/A	0	N/A	0	N/A	default
P2 Architectural Coating	50	86,190	100	28,730	N/A	0	N/A	0	N/A	
P3 Architectural Coating	50	86,190	100	28,730	N/A	0	N/A	0	N/A	
P4 Architectural Coating	50	210,685	100	70,228	N/A	0	N/A	0	N/A	
P5 Architectural Coating	50	210,685	100	70,228	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)**
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	--

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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												
P6 Architecutal Coating	0.03	0.07	-0.01	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 1 (mo. 2-4)	0.34	-0.09	-0.09	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 2 (mo. 5)	0.33	-0.18	-0.07	0.00	-0.03	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
P6 Paving	0.61	-0.16	-0.18	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P6 Site Preperation (mo. 1)	0.65	0.32	-0.22	0.00	0.84	0.83	0.00	0.00	0.00	0.00	0.00	0.00
P7 Architectural Coating	0.03	0.07	-0.01	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 1 (mo. 2-4)	0.34	-0.09	-0.09	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 2 (mo. 5)	0.33	-0.18	-0.07	0.00	-0.03	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
P7 Paving	0.61	-0.16	-0.18	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P7 Site Preparation (mo. 1)	0.64	0.32	-0.22	0.00	0.84	0.83	0.00	0.00	0.00	0.00	0.00	0.00
P8 Architectural Coating	0.01	0.07	-0.01	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P8 Building Construction 1 (mo. 2-4)	0.32	-0.09	-0.09	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00
P8 Building Construction 2 (mo. 5)	0.32	-0.18	-0.07	0.00	-0.03	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
P8 Paving	0.61	-0.16	-0.18	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P8 Site Preparation (mo. 1)	0.64	0.32	-0.22	0.00	0.84	0.83	0.00	0.00	0.00	0.00	0.00	0.00
P9 Architectural Coating	0.03	0.07	-0.01	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P9 Building Construction 1 (mo. 2-4)	0.34	-0.09	-0.09	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00
P9 Building Construction 2 (mo. 5)	0.33	-0.18	-0.07	0.00	-0.03	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
P9 Paving	0.62	-0.16	-0.18	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P9 Site Preparation (mo. 1)	0.65	0.32	-0.22	0.00	0.84	0.83	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	8	8	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 4 Interim	8	8	No Change	0.00
Graders	Diesel	Tier 4 Interim	4	4	No Change	0.00
Pavers	Diesel	Tier 4 Interim	8	8	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	8	8	No Change	0.00
Pumps	Diesel	Tier 4 Interim	4	4	No Change	0.00
Rollers	Diesel	Tier 4 Interim	8	8	No Change	0.00
Rough Terrain Forklifts	Diesel	Tier 4 Interim	8	8	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	12	12	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	4	4	No Change	0.00
Trenchers	Diesel	Tier 4 Interim	4	4	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	2.99000E-002	2.00460E-001	3.16600E-001	5.20000E-004	9.01000E-003	9.01000E-003	0.00000E+000	4.46819E+001	4.46819E+001	2.44000E-003	0.00000E+000	4.47429E+001
Cement and Mortar Mixers	5.05000E-003	3.16600E-002	2.65200E-002	6.00000E-005	1.23000E-003	1.23000E-003	0.00000E+000	3.94118E+000	3.94118E+000	4.10000E-004	0.00000E+000	3.95141E+000
Graders	1.33800E-002	1.48640E-001	6.85500E-002	2.80000E-004	4.78000E-003	4.40000E-003	0.00000E+000	2.49751E+001	2.49751E+001	8.08000E-003	0.00000E+000	2.51770E+001
Pavers	1.47700E-002	1.34560E-001	2.46140E-001	4.00000E-004	6.30000E-003	5.80000E-003	0.00000E+000	3.50849E+001	3.50849E+001	1.13500E-002	0.00000E+000	3.53685E+001
Paving Equipment	1.24800E-002	1.07500E-001	2.16450E-001	3.50000E-004	5.32000E-003	4.89000E-003	0.00000E+000	3.04061E+001	3.04061E+001	9.83000E-003	0.00000E+000	3.06519E+001
Pumps	1.23000E-002	1.04320E-001	1.59760E-001	2.80000E-004	4.34000E-003	4.34000E-003	0.00000E+000	2.43039E+001	2.43039E+001	9.80000E-004	0.00000E+000	2.43285E+001
Rollers	1.16400E-002	1.22660E-001	1.56970E-001	2.20000E-004	6.17000E-003	5.68000E-003	0.00000E+000	1.95909E+001	1.95909E+001	6.34000E-003	0.00000E+000	1.97493E+001
Rough Terrain Forklifts	1.69200E-002	2.24120E-001	3.98830E-001	6.00000E-004	6.29000E-003	5.79000E-003	0.00000E+000	5.28287E+001	5.28287E+001	1.70900E-002	0.00000E+000	5.32559E+001
Skid Steer Loaders	7.65000E-003	1.02180E-001	1.77920E-001	2.70000E-004	3.10000E-003	2.85000E-003	0.00000E+000	2.34610E+001	2.34610E+001	7.59000E-003	0.00000E+000	2.36506E+001
Tractors/Loaders/ Backhoes	1.73700E-002	1.75560E-001	2.93200E-001	4.10000E-004	7.11000E-003	6.54000E-003	0.00000E+000	3.60337E+001	3.60337E+001	1.16500E-002	0.00000E+000	3.63250E+001
Trenchers	1.35000E-002	1.26560E-001	1.10450E-001	1.50000E-004	8.43000E-003	7.75000E-003	0.00000E+000	1.27694E+001	1.27694E+001	4.13000E-003	0.00000E+000	1.28726E+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	9.53000E-003	1.85470E-001	3.20670E-001	5.20000E-004	6.90000E-004	6.90000E-004	0.00000E+000	4.46819E+001	4.46819E+001	2.44000E-003	0.00000E+000	4.47428E+001
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	6.00000E-005	0.00000E+000	0.00000E+000	0.00000E+000	3.94117E+000	3.94117E+000	4.10000E-004	0.00000E+000	3.95140E+000
Graders	4.65000E-003	7.50100E-002	1.51180E-001	2.80000E-004	4.70000E-004	4.70000E-004	0.00000E+000	2.49750E+001	2.49750E+001	8.08000E-003	0.00000E+000	2.51770E+001
Pavers	4.91000E-003	1.75980E-001	3.02860E-001	4.00000E-004	6.50000E-004	6.50000E-004	0.00000E+000	3.50848E+001	3.50848E+001	1.13500E-002	0.00000E+000	3.53685E+001
Paving Equipment	4.27000E-003	1.53160E-001	2.63590E-001	3.50000E-004	5.70000E-004	5.70000E-004	0.00000E+000	3.04061E+001	3.04061E+001	9.83000E-003	0.00000E+000	3.06519E+001
Pumps	5.19000E-003	1.00880E-001	1.74420E-001	2.80000E-004	3.80000E-004	3.80000E-004	0.00000E+000	2.43039E+001	2.43039E+001	9.80000E-004	0.00000E+000	2.43285E+001
Rollers	5.01000E-003	9.75300E-002	1.68620E-001	2.20000E-004	3.60000E-004	3.60000E-004	0.00000E+000	1.95909E+001	1.95909E+001	6.34000E-003	0.00000E+000	1.97493E+001
Rough Terrain Forklifts	1.35400E-002	2.63450E-001	4.55490E-001	6.00000E-004	9.80000E-004	9.80000E-004	0.00000E+000	5.28287E+001	5.28287E+001	1.70900E-002	0.00000E+000	5.32558E+001
Skid Steer Loaders	6.57000E-003	1.49930E-001	2.02460E-001	2.70000E-004	6.13000E-003	6.13000E-003	0.00000E+000	2.34609E+001	2.34609E+001	7.59000E-003	0.00000E+000	2.36506E+001
Tractors/Loaders/Backhoes	9.16000E-003	1.78130E-001	3.07980E-001	4.10000E-004	6.70000E-004	6.70000E-004	0.00000E+000	3.60337E+001	3.60337E+001	1.16500E-002	0.00000E+000	3.63250E+001
Trenchers	3.25000E-003	6.33000E-002	1.09440E-001	1.50000E-004	2.40000E-004	2.40000E-004	0.00000E+000	1.27694E+001	1.27694E+001	4.13000E-003	0.00000E+000	1.28726E+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	6.81271E-001	7.47780E-002	-1.28553E-002	0.00000E+000	9.23418E-001	9.23418E-001	0.00000E+000	1.11902E-006	1.11902E-006	0.00000E+000	0.00000E+000	1.11750E-006
Cement and Mortar Mixers	1.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	2.53731E-006	2.53731E-006	0.00000E+000	0.00000E+000	2.53074E-006
Graders	6.52466E-001	4.95358E-001	-1.20540E+000	0.00000E+000	9.01674E-001	8.93182E-001	0.00000E+000	1.20120E-006	1.20120E-006	0.00000E+000	0.00000E+000	1.19156E-006
Pavers	6.67569E-001	-3.07818E-001	-2.30438E-001	0.00000E+000	8.96825E-001	8.87931E-001	0.00000E+000	1.14009E-006	1.14009E-006	0.00000E+000	0.00000E+000	1.13095E-006
Paving Equipment	6.57853E-001	-4.24744E-001	-2.17787E-001	0.00000E+000	8.92857E-001	8.83436E-001	0.00000E+000	1.31553E-006	1.31553E-006	0.00000E+000	0.00000E+000	1.30497E-006
Pumps	5.78049E-001	3.29755E-002	-9.17626E-002	0.00000E+000	9.12442E-001	9.12442E-001	0.00000E+000	1.23437E-006	1.23437E-006	0.00000E+000	0.00000E+000	1.23312E-006
Rollers	5.69588E-001	2.04875E-001	-7.42180E-002	0.00000E+000	9.41653E-001	9.36620E-001	0.00000E+000	1.02088E-006	1.02088E-006	0.00000E+000	0.00000E+000	1.51904E-006
Rough Terrain Forklifts	1.99764E-001	-1.75486E-001	-1.42066E-001	0.00000E+000	8.44197E-001	8.30743E-001	0.00000E+000	1.13575E-006	1.13575E-006	0.00000E+000	0.00000E+000	1.31441E-006
Skid Steer Loaders	1.41176E-001	-4.67313E-001	-1.37927E-001	0.00000E+000	-9.77419E-001	###########	0.00000E+000	1.27872E-006	1.27872E-006	0.00000E+000	0.00000E+000	1.26846E-006
Tractors/Loaders/Backhoes	4.72654E-001	-1.46389E-002	-5.04093E-002	0.00000E+000	9.05767E-001	8.97554E-001	0.00000E+000	1.11007E-006	1.11007E-006	0.00000E+000	0.00000E+000	1.10117E-006
Trenchers	7.59259E-001	4.99842E-001	9.14441E-003	0.00000E+000	9.71530E-001	9.69032E-001	0.00000E+000	1.56625E-006	1.56625E-006	0.00000E+000	0.00000E+000	7.76842E-007

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
P6 Architecutal Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Architecutal Coating	Roads	0.03	0.00	0.02	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	0.05	0.01	0.04	0.00	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	0.02	0.00	0.01	0.00	0.29	0.27
P6 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Paving	Roads	0.03	0.00	0.02	0.00	0.29	0.27
P6 Site Preperation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Site Preperation (mo. 1)	Roads	0.02	0.00	0.01	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	0.03	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	0.05	0.01	0.04	0.00	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	0.02	0.00	0.01	0.00	0.29	0.27
P7 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Paving	Roads	0.03	0.00	0.02	0.00	0.29	0.27
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	0.02	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	0.09	0.01	0.06	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	0.03	0.00	0.02	0.00	0.29	0.28
P8 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P8 Paving	Roads	0.03	0.00	0.02	0.00	0.29	0.27

P8 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P8 Site Preparation (mo. 1)	Roads	0.03	0.00	0.02	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	0.05	0.01	0.04	0.00	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	0.02	0.00	0.01	0.00	0.29	0.28
P9 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P9 Paving	Roads	0.03	0.00	0.02	0.00	0.29	0.28
P9 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P9 Site Preparation (mo. 1)	Roads	0.02	0.00	0.01	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 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	
Yes	Use Low VOC Paint (Residential Interior)	250.00
Yes	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	0.00
No	% Electric Leafblower	0.00
No	% Electric Chainsaw	0.00

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	0.00	0.00
No	Use Grey Water	0.00	
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	0.00	
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape	0.00	0.00

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	Proctor Valley EIR - PA 16-19 Residential (P6-9)	--	--
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-23	PA 16 -19 Schedule	Proctor Valley EIR Assumptions
Operational Year	2028	PA 16 -19 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)	427.49	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 Sheet
Construction Phase

Table 5: Construction					
Phase Name	**Phase Type**	**Start Date**	**End Date**	**Days/Week**	**Total Days**
P6 Site Preperation (mo. 1)	Site Preparation	1-Apr-26	30-Apr-26	5 days/week	22
P6 Building Construction 1 (mo. 2-4)	Building Construction	1-May-26	31-Jul-26	5 days/week	66
P6 Building Construction 2 (mo. 5)	Building Construction	1-Aug-26	31-Aug-26	5 days/week	21
P6 Paving	Paving	1-Aug-26	31-Aug-26	5 days/week	21
P6 Architecutal Coating	Architectual Coating	1-Jun-26	31-Jul-26	5 days/week	45
P7 Site Preperation (mo. 1)	Site Preparation	1-Sep-26	30-Sep-26	5 days/week	22
P7 Building Construction 1 (mo. 2-4)	Building Construction	1-Oct-26	31-Dec-26	5 days/week	66
P7 Building Construction 2 (mo. 5)	Building Construction	1-Jan-27	31-Jan-27	5 days/week	21
P7 Paving	Paving	1-Aug-26	31-Aug-26	5 days/week	21
P7 Architecutal Coating	Architectual Coating	1-Nov-26	31-Dec-26	5 days/week	44
P8 Site Preperation (mo. 1)	Site Preparation	1-Feb-27	28-Feb-27	5 days/week	20
P8 Building Construction 1 (mo. 2-4)	Building Construction	1-Mar-27	31-May-27	5 days/week	66
P8 Building Construction 2 (mo. 5)	Building Construction	1-Jun-27	30-Jun-27	5 days/week	22
P8 Paving	Paving	1-Jan-27	31-Jan-27	5 days/week	21
P8 Architecutal Coating	Architectual Coating	1-Apr-27	31-May-27	5 days/week	43
P9 Site Preperation (mo. 1)	Site Preparation	1-Jul-27	31-Jul-27	5 days/week	22
P9 Building Construction 1 (mo. 2-4)	Building Construction	1-Aug-27	31-Oct-27	5 days/week	65
P9 Building Construction 2 (mo. 5)	Building Construction	1-Nov-27	30-Nov-27	5 days/week	22
P9 Paving	Paving	1-Jun-27	30-Jun-27	5 days/week	22
P9 Architecutal Coating	Architectual Coating	1-Sep-27	31-Oct-27	5 days/week	43

CalEEMod Input Sheet
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 Paving	default				
All Phases Architectural Coatin	Air Compressor	2			

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	default				--	default	
Grading	default	--		default	153.2	default	

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

CalEEMod Input Sheet
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 Paving									
All Phases Architectural Coating									

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)**
All Phases Site Preparation (mo. 1)	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)**
P6 Architectural Coati	50	86,190	100	28,730	N/A	0	N/A	0	N/A	default
P7 Architectural Coati	50	86,190	100	28,730	N/A	0	N/A	0	N/A	
P8 Architectural Coati	50	210,685	100	70,228	N/A	0	N/A	0	N/A	
P9 Architectural Coati	50	95,766	100	31,922	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)**
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	--

Proctor Valley EIR - Offsite

San Diego County, Annual

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	48.20	0.00	0

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

Project Characteristics -

Land Use - Refer to CalEEMod Input Matrix Table 4

Construction Phase - Refer to CalEEMod Input Matrix Table 5

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

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

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

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

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

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

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

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

Trips and VMT - Refer to CalEEMod Input Matrix Table 6

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 7

Grading - Refer to CalEEMod Input Matrix Table 7

Construction Off-road Equipment Mitigation -

Proctor Valley EIR - Offsite - San Diego County, Annual

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Parking	250	0
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	25.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	38.00
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
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	75.00	21.00
tblConstructionPhase	NumDays	75.00	35.00
tblConstructionPhase	NumDays	75.00	43.00
tblConstructionPhase	NumDays	75.00	23.00
tblConstructionPhase	NumDays	55.00	22.00

tblConstructionPhase	NumDays	55.00	21.00
tblConstructionPhase	NumDays	55.00	43.00
tblConstructionPhase	NumDays	55.00	22.00
tblConstructionPhase	NumDays	30.00	23.00
tblConstructionPhase	NumDays	30.00	22.00
tblConstructionPhase	NumDays	30.00	22.00
tblConstructionPhase	NumDays	30.00	131.00
tblConstructionPhase	NumDays	30.00	42.00
tblConstructionPhase	NumDays	30.00	66.00
tblConstructionPhase	NumDays	30.00	44.00
tblConstructionPhase	NumDays	30.00	131.00
tblConstructionPhase	NumDays	30.00	109.00
tblConstructionPhase	NumDays	30.00	21.00
tblConstructionPhase	NumDays	30.00	129.00
tblGrading	AcresOfGrading	10.50	52.50
tblGrading	AcresOfGrading	11.50	57.50
tblLandUse	LotAcreage	0.00	48.20
tblLandUse	Population	3.00	0.00
tblOffRoadEquipment	HorsePower	65.00	97.00
tblOffRoadEquipment	HorsePower	65.00	247.00
tblOffRoadEquipment	LoadFactor	0.37	0.40
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		SCV Landscaping
tblOffRoadEquipment	PhaseName		CV Landscaping

tblOffRoadEquipment	PhaseName		NV Landscaping
tblOffRoadEquipment	PhaseName		SV Landscaping
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

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
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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	2021
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	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	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	10.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
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tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	20.00	10.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	15.00	10.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.2900	3.0429	1.4844	2.6300e-003	1.6354	0.1580	1.7934	0.7902	0.1454	0.9356	0.0000	237.4673	237.4673	0.0721	0.0000	239.2691
2020	0.3175	3.3073	1.6880	3.1300e-003	2.9280	0.1685	3.0964	1.4361	0.1550	1.5911	0.0000	276.6966	276.6966	0.0840	0.0000	278.7962
2021	0.3941	4.1205	2.2298	4.1300e-003	3.5706	0.2046	3.7752	1.7727	0.1883	1.9609	0.0000	364.3763	364.3763	0.1122	0.0000	367.1800
2022	0.2879	3.0582	2.3852	4.8600e-003	1.5779	0.1342	1.7121	0.5945	0.1235	0.7180	0.0000	428.5617	428.5617	0.1320	0.0000	431.8619
2023	0.0297	0.3017	0.4123	7.1000e-004	0.1184	0.0141	0.1325	0.0125	0.0129	0.0254	0.0000	63.4441	63.4441	0.0183	0.0000	63.9021
Maximum	**0.3941**	**4.1205**	**2.3852**	**4.8600e-003**	**3.5706**	**0.2046**	**3.7752**	**1.7727**	**0.1883**	**1.9609**	**0.0000**	**428.5617**	**428.5617**	**0.1320**	**0.0000**	**431.8619**

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.0477	0.8249	1.5441	2.6300e-003	0.6512	2.3700e-003	0.6535	0.3102	2.5200e-003	0.3128	0.0000	237.4670	237.4670	0.0721	0.0000	239.2688
2020	0.0568	0.9813	1.7996	3.1300e-003	1.1633	3.1400e-003	1.1665	0.5634	3.2800e-003	0.5667	0.0000	276.6963	276.6963	0.0840	0.0000	278.7959
2021	0.0755	1.3223	2.4227	4.1300e-003	1.4160	6.3000e-003	1.4223	0.6949	6.4600e-003	0.7014	0.0000	364.3759	364.3759	0.1122	0.0000	367.1796
2022	0.0849	1.6155	2.9066	4.8600e-003	0.6403	0.0111	0.6514	0.2357	0.0110	0.2467	0.0000	428.5612	428.5612	0.1320	0.0000	431.8614
2023	0.0105	0.2975	0.4869	7.1000e-004	0.0528	1.0700e-003	0.0538	5.8900e-003	1.0600e-003	6.9500e-003	0.0000	63.4440	63.4440	0.0183	0.0000	63.9020
Maximum	**0.0849**	**1.6155**	**2.9066**	**4.8600e-003**	**1.4160**	**0.0111**	**1.4223**	**0.6949**	**0.0110**	**0.7014**	**0.0000**	**428.5612**	**428.5612**	**0.1320**	**0.0000**	**431.8614**

	ROG	NOx	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	**79.13**	**63.55**	**-11.71**	**0.00**	**60.09**	**96.46**	**62.44**	**60.70**	**96.11**	**64.93**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
12	**4-1-2022**	**6-30-2022**	0.9433	0.4511
13	**7-1-2022**	**9-30-2022**	1.2269	0.6125
14	**10-1-2022**	**12-31-2022**	0.6265	0.4334
15	**1-1-2023**	**3-31-2023**	0.4560	0.4238
		Highest	1.2269	0.6125

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0630	1.3100e-003	0.0849	1.4000e-004		0.0109	0.0109		0.0109	0.0109	1.0330	0.4453	1.4783	9.7000e-004	8.0000e-005	1.5266
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	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	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0630**	**1.3100e-003**	**0.0849**	**1.4000e-004**	**0.0000**	**0.0109**	**0.0109**	**0.0000**	**0.0109**	**0.0109**	**1.0330**	**0.4453**	**1.4783**	**9.7000e-004**	**8.0000e-005**	**1.5266**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0630	1.3100e-003	0.0849	1.4000e-004		0.0109	0.0109		0.0109	0.0109	1.0330	0.4453	1.4783	9.7000e-004	8.0000e-005	1.5266
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	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	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0630**	**1.3100e-003**	**0.0849**	**1.4000e-004**	**0.0000**	**0.0109**	**0.0109**	**0.0000**	**0.0109**	**0.0109**	**1.0330**	**0.4453**	**1.4783**	**9.7000e-004**	**8.0000e-005**	**1.5266**

	ROG	NOx	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

Proctor Valley EIR - Offsite - San Diego County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	SV Site Prep	Site Preparation	7/1/2019	7/31/2019	5	23	
2	SV Grading	Grading	4/30/2022	6/29/2022	5	43	
3	SV Utilities	Site Preparation	8/1/2019	1/30/2020	5	131	
4	SV Paving	Paving	10/19/2022	12/16/2022	5	43	
5	SV Landscaping	Site Preparation	1/31/2020	7/1/2020	5	109	
6	SCV Site Prep	Site Preparation	7/2/2020	7/30/2020	5	21	
7	SCV Grading	Grading	6/30/2022	8/1/2022	5	23	
8	SCV Utilities	Site Preparation	7/31/2020	1/27/2021	5	129	
9	SCV Paving	Paving	12/17/2022	1/17/2023	5	22	
10	SCV Landscaping	Site Preparation	1/28/2021	2/26/2021	5	22	
11	CV Site Prep	Site Preparation	2/27/2021	3/30/2021	5	22	
12	CV Utilities	Site Preparation	3/31/2021	9/29/2021	5	131	
13	CV Grading	Grading	8/2/2022	8/30/2022	5	21	
14	CV Paving	Paving	1/18/2023	2/16/2023	5	22	
15	CV Landscaping	Site Preparation	9/30/2021	11/26/2021	5	42	
16	NV Grading	Grading	8/31/2022	10/18/2022	5	35	
17	NV Utilities	Site Preparation	11/27/2021	2/28/2022	5	66	
18	NV Paving	Paving	2/17/2023	3/17/2023	5	21	
19	NV Landscaping	Site Preparation	3/1/2022	4/29/2022	5	44	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
SV Site Prep	Rubber Tired Dozers	3	8.00	247	0.40
SV Site Prep	Tractors/Loaders/Backhoes	4	8.00	97	0.37
SV Grading	Excavators	2	8.00	158	0.38
SV Grading	Graders	1	8.00	187	0.41
SV Grading	Rubber Tired Dozers	1	8.00	247	0.40
SV Grading	Scrapers	2	8.00	367	0.48
SV Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
SV Utilities	Rubber Tired Dozers	3	8.00	247	0.40
SV Utilities	Tractors/Loaders/Backhoes	4	8.00	97	0.37
SV Paving	Pavers	2	8.00	130	0.42
SV Paving	Paving Equipment	2	8.00	132	0.36
SV Paving	Rollers	2	8.00	80	0.38
SV Landscaping	Skid Steer Loaders	2	8.00	247	0.40
SCV Site Prep	Rubber Tired Dozers	3	8.00	247	0.40
SCV Site Prep	Tractors/Loaders/Backhoes	4	8.00	97	0.37
SCV Grading	Excavators	2	8.00	158	0.38
SCV Grading	Graders	1	8.00	187	0.41
SCV Grading	Rubber Tired Dozers	1	8.00	247	0.40
SCV Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
SCV Utilities	Rubber Tired Dozers	3	8.00	247	0.40
SCV Utilities	Tractors/Loaders/Backhoes	4	8.00	97	0.37
SCV Paving	Pavers	2	8.00	130	0.42
SCV Paving	Paving Equipment	2	8.00	132	0.36
SCV Paving	Rollers	2	8.00	80	0.38
SCV Landscaping	Skid Steer Loaders	2	8.00	97	0.37

CV Site Prep	Rubber Tired Dozers	3	8.00	247	0.40
CV Site Prep	Tractors/Loaders/Backhoes	4	8.00	97	0.37
CV Utilities	Rubber Tired Dozers	3	8.00	247	0.40
CV Utilities	Tractors/Loaders/Backhoes	4	8.00	97	0.37
CV Grading	Excavators	2	8.00	158	0.38
CV Grading	Graders	1	8.00	187	0.41
CV Grading	Rubber Tired Dozers	1	8.00	247	0.40
CV Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
CV Paving	Pavers	2	8.00	130	0.42
CV Paving	Paving Equipment	2	8.00	132	0.36
CV Paving	Rollers	2	8.00	80	0.38
CV Landscaping	Skid Steer Loaders	2	8.00	65	0.37
NV Grading	Excavators	2	8.00	158	0.38
NV Grading	Graders	1	8.00	187	0.41
NV Grading	Rubber Tired Dozers	1	8.00	247	0.40
NV Grading	Scrapers	2	8.00	367	0.48
NV Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
NV Utilities	Rubber Tired Dozers	3	8.00	247	0.40
NV Utilities	Tractors/Loaders/Backhoes	4	8.00	97	0.37
NV Paving	Pavers	2	8.00	130	0.42
NV Paving	Paving Equipment	2	8.00	132	0.36
NV Paving	Rollers	2	8.00	80	0.38
NV Landscaping	Skid Steer Loaders	2	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
SV Site Prep	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
SV Grading	8	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
SV Utilities	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
SV Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
SV Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
SCV Site Prep	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
SCV Grading	6	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
SCV Utilities	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
SCV Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
SCV Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
CV Site Prep	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
CV Utilities	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
CV Grading	6	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
CV Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
CV Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
NV Grading	8	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
NV Utilities	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
NV Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
NV Landscaping	2	4.00	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

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 SV Site Prep - 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	tons/yr										MT/yr					
Fugitive Dust					0.2078	0.0000	0.2078	0.1142	0.0000	0.1142	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0499	0.5241	0.2537	4.4000e-004		0.0275	0.0275		0.0253	0.0253	0.0000	39.2940	39.2940	0.0124	0.0000	39.6048
Total	**0.0499**	**0.5241**	**0.2537**	**4.4000e-004**	**0.2078**	**0.0275**	**0.2353**	**0.1142**	**0.0253**	**0.1395**	**0.0000**	**39.2940**	**39.2940**	**0.0124**	**0.0000**	**39.6048**

3.2 SV Site Prep - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.2000e-004	5.7700e-003	1.5500e-003	1.0000e-005	9.1000e-003	4.0000e-005	9.1400e-003	9.7000e-004	4.0000e-005	1.0000e-003	0.0000	1.2221	1.2221	1.0000e-004	0.0000	1.2246
Worker	4.5000e-004	3.5000e-004	3.3600e-003	1.0000e-005	0.0335	1.0000e-005	0.0335	3.4900e-003	1.0000e-005	3.5000e-003	0.0000	0.8608	0.8608	3.0000e-005	0.0000	0.8615
Total	**6.7000e-004**	**6.1200e-003**	**4.9100e-003**	**2.0000e-005**	**0.0426**	**5.0000e-005**	**0.0426**	**4.4600e-003**	**5.0000e-005**	**4.5000e-003**	**0.0000**	**2.0829**	**2.0829**	**1.3000e-004**	**0.0000**	**2.0860**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0810	0.0000	0.0810	0.0445	0.0000	0.0445	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.6400e-003	0.1376	0.2641	4.4000e-004		3.7000e-004	3.7000e-004		4.0000e-004	4.0000e-004	0.0000	39.2939	39.2939	0.0124	0.0000	39.6048
Total	**7.6400e-003**	**0.1376**	**0.2641**	**4.4000e-004**	**0.0810**	**3.7000e-004**	**0.0814**	**0.0445**	**4.0000e-004**	**0.0449**	**0.0000**	**39.2939**	**39.2939**	**0.0124**	**0.0000**	**39.6048**

3.2 SV Site Prep - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.2000e-004	5.7700e-003	1.5500e-003	1.0000e-005	4.0700e-003	4.0000e-005	4.1100e-003	4.6000e-004	4.0000e-005	5.0000e-004	0.0000	1.2221	1.2221	1.0000e-004	0.0000	1.2246
Worker	4.5000e-004	3.5000e-004	3.3600e-003	1.0000e-005	0.0149	1.0000e-005	0.0149	1.6300e-003	1.0000e-005	1.6400e-003	0.0000	0.8608	0.8608	3.0000e-005	0.0000	0.8615
Total	**6.7000e-004**	**6.1200e-003**	**4.9100e-003**	**2.0000e-005**	**0.0189**	**5.0000e-005**	**0.0190**	**2.0900e-003**	**5.0000e-005**	**2.1400e-003**	**0.0000**	**2.0829**	**2.0829**	**1.3000e-004**	**0.0000**	**2.0860**

3.3 SV Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1865	0.0000	0.1865	0.0773	0.0000	0.0773	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0779	0.8351	0.6244	1.3300e-003		0.0352	0.0352		0.0323	0.0323	0.0000	117.2494	117.2494	0.0379	0.0000	118.1974
Total	**0.0779**	**0.8351**	**0.6244**	**1.3300e-003**	**0.1865**	**0.0352**	**0.2216**	**0.0773**	**0.0323**	**0.1097**	**0.0000**	**117.2494**	**117.2494**	**0.0379**	**0.0000**	**118.1974**

3.3 SV Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	8.3500e-003	2.2300e-003	2.0000e-005	0.0170	2.0000e-005	0.0170	1.8000e-003	2.0000e-005	1.8200e-003	0.0000	2.2271	2.2271	1.6000e-004	0.0000	2.2311
Worker	7.1000e-004	4.9000e-004	4.9900e-003	2.0000e-005	0.0626	1.0000e-005	0.0626	6.5200e-003	1.0000e-005	6.5300e-003	0.0000	1.4509	1.4509	4.0000e-005	0.0000	1.4519
Total	**9.6000e-004**	**8.8400e-003**	**7.2200e-003**	**4.0000e-005**	**0.0796**	**3.0000e-005**	**0.0796**	**8.3200e-003**	**3.0000e-005**	**8.3500e-003**	**0.0000**	**3.6780**	**3.6780**	**2.0000e-004**	**0.0000**	**3.6830**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0727	0.0000	0.0727	0.0302	0.0000	0.0302	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0230	0.4083	0.7826	1.3300e-003		2.8300e-003	2.8300e-003		2.7700e-003	2.7700e-003	0.0000	117.2493	117.2493	0.0379	0.0000	118.1973
Total	**0.0230**	**0.4083**	**0.7826**	**1.3300e-003**	**0.0727**	**2.8300e-003**	**0.0756**	**0.0302**	**2.7700e-003**	**0.0329**	**0.0000**	**117.2493**	**117.2493**	**0.0379**	**0.0000**	**118.1973**

3.3 SV Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	8.3500e-003	2.2300e-003	2.0000e-005	7.6100e-003	2.0000e-005	7.6300e-003	8.7000e-004	2.0000e-005	8.8000e-004	0.0000	2.2271	2.2271	1.6000e-004	0.0000	2.2311
Worker	7.1000e-004	4.9000e-004	4.9900e-003	2.0000e-005	0.0278	1.0000e-005	0.0278	3.0500e-003	1.0000e-005	3.0600e-003	0.0000	1.4509	1.4509	4.0000e-005	0.0000	1.4519
Total	**9.6000e-004**	**8.8400e-003**	**7.2200e-003**	**4.0000e-005**	**0.0354**	**3.0000e-005**	**0.0354**	**3.9200e-003**	**3.0000e-005**	**3.9400e-003**	**0.0000**	**3.6780**	**3.6780**	**2.0000e-004**	**0.0000**	**3.6830**

3.4 SV 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	tons/yr										MT/yr					
Fugitive Dust					1.1833	0.0000	1.1833	0.6505	0.0000	0.6505	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2363	2.4837	1.2024	2.0700e-003		0.1303	0.1303		0.1199	0.1199	0.0000	186.2193	186.2193	0.0589	0.0000	187.6923
Total	**0.2363**	**2.4837**	**1.2024**	**2.0700e-003**	**1.1833**	**0.1303**	**1.3136**	**0.6505**	**0.1199**	**0.7703**	**0.0000**	**186.2193**	**186.2193**	**0.0589**	**0.0000**	**187.6923**

3.4 SV Utilities - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0200e-003	0.0274	7.3500e-003	6.0000e-005	0.0431	1.9000e-004	0.0433	4.5700e-003	1.8000e-004	4.7600e-003	0.0000	5.7918	5.7918	4.6000e-004	0.0000	5.8034
Worker	2.1500e-003	1.6500e-003	0.0160	5.0000e-005	0.1586	3.0000e-005	0.1586	0.0165	3.0000e-005	0.0166	0.0000	4.0793	4.0793	1.3000e-004	0.0000	4.0826
Total	**3.1700e-003**	**0.0290**	**0.0233**	**1.1000e-004**	**0.2017**	**2.2000e-004**	**0.2019**	**0.0211**	**2.1000e-004**	**0.0213**	**0.0000**	**9.8711**	**9.8711**	**5.9000e-004**	**0.0000**	**9.8860**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4615	0.0000	0.4615	0.2537	0.0000	0.2537	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0362	0.6521	1.2518	2.0700e-003		1.7400e-003	1.7400e-003		1.8700e-003	1.8700e-003	0.0000	186.2191	186.2191	0.0589	0.0000	187.6921
Total	**0.0362**	**0.6521**	**1.2518**	**2.0700e-003**	**0.4615**	**1.7400e-003**	**0.4632**	**0.2537**	**1.8700e-003**	**0.2556**	**0.0000**	**186.2191**	**186.2191**	**0.0589**	**0.0000**	**187.6921**

3.4 SV Utilities - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0200e-003	0.0274	7.3500e-003	6.0000e-005	0.0193	1.9000e-004	0.0195	2.1900e-003	1.8000e-004	2.3800e-003	0.0000	5.7918	5.7918	4.6000e-004	0.0000	5.8034
Worker	2.1500e-003	1.6500e-003	0.0160	5.0000e-005	0.0704	3.0000e-005	0.0704	7.7300e-003	3.0000e-005	7.7600e-003	0.0000	4.0793	4.0793	1.3000e-004	0.0000	4.0826
Total	**3.1700e-003**	**0.0290**	**0.0233**	**1.1000e-004**	**0.0897**	**2.2000e-004**	**0.0899**	**9.9200e-003**	**2.1000e-004**	**0.0101**	**0.0000**	**9.8711**	**9.8711**	**5.9000e-004**	**0.0000**	**9.8860**

3.4 SV 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	tons/yr										MT/yr					
Fugitive Dust					1.1833	0.0000	1.1833	0.6505	0.0000	0.6505	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0448	0.4666	0.2367	4.2000e-004		0.0242	0.0242		0.0222	0.0222	0.0000	36.7738	36.7738	0.0119	0.0000	37.0711
Total	**0.0448**	**0.4666**	**0.2367**	**4.2000e-004**	**1.1833**	**0.0242**	**1.2075**	**0.6505**	**0.0222**	**0.6727**	**0.0000**	**36.7738**	**36.7738**	**0.0119**	**0.0000**	**37.0711**

3.4 SV Utilities - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7000e-004	5.0200e-003	1.3300e-003	1.0000e-005	8.7100e-003	2.0000e-005	8.7300e-003	9.2000e-004	2.0000e-005	9.5000e-004	0.0000	1.1610	1.1610	9.0000e-005	0.0000	1.1632
Worker	4.1000e-004	3.0000e-004	2.9400e-003	1.0000e-005	0.0320	1.0000e-005	0.0320	3.3400e-003	1.0000e-005	3.3400e-003	0.0000	0.7974	0.7974	2.0000e-005	0.0000	0.7980
Total	**5.8000e-004**	**5.3200e-003**	**4.2700e-003**	**2.0000e-005**	**0.0407**	**3.0000e-005**	**0.0407**	**4.2600e-003**	**3.0000e-005**	**4.2900e-003**	**0.0000**	**1.9584**	**1.9584**	**1.1000e-004**	**0.0000**	**1.9612**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4615	0.0000	0.4615	0.2537	0.0000	0.2537	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.3600e-003	0.1321	0.2527	4.2000e-004		4.0000e-004	4.0000e-004		4.2000e-004	4.2000e-004	0.0000	36.7737	36.7737	0.0119	0.0000	37.0710
Total	**7.3600e-003**	**0.1321**	**0.2527**	**4.2000e-004**	**0.4615**	**4.0000e-004**	**0.4619**	**0.2537**	**4.2000e-004**	**0.2541**	**0.0000**	**36.7737**	**36.7737**	**0.0119**	**0.0000**	**37.0710**

3.4 SV Utilities - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7000e-004	5.0200e-003	1.3300e-003	1.0000e-005	3.9000e-003	2.0000e-005	3.9200e-003	4.4000e-004	2.0000e-005	4.7000e-004	0.0000	1.1610	1.1610	9.0000e-005	0.0000	1.1632
Worker	4.1000e-004	3.0000e-004	2.9400e-003	1.0000e-005	0.0142	1.0000e-005	0.0142	1.5600e-003	1.0000e-005	1.5700e-003	0.0000	0.7974	0.7974	2.0000e-005	0.0000	0.7980
Total	**5.8000e-004**	**5.3200e-003**	**4.2700e-003**	**2.0000e-005**	**0.0181**	**3.0000e-005**	**0.0181**	**2.0000e-003**	**3.0000e-005**	**2.0400e-003**	**0.0000**	**1.9584**	**1.9584**	**1.1000e-004**	**0.0000**	**1.9612**

3.5 SV 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	tons/yr										MT/yr					
Off-Road	0.0237	0.2392	0.3135	4.9000e-004		0.0122	0.0122		0.0112	0.0112	0.0000	43.0593	43.0593	0.0139	0.0000	43.4074
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0237**	**0.2392**	**0.3135**	**4.9000e-004**		**0.0122**	**0.0122**		**0.0112**	**0.0112**	**0.0000**	**43.0593**	**43.0593**	**0.0139**	**0.0000**	**43.4074**

3.5 SV Paving - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2000e-004	0.0209	5.5800e-003	6.0000e-005	0.0425	4.0000e-005	0.0426	4.5100e-003	4.0000e-005	4.5500e-003	0.0000	5.5677	5.5677	4.0000e-004	0.0000	5.5778
Worker	5.7000e-004	3.9000e-004	3.9900e-003	1.0000e-005	0.0500	1.0000e-005	0.0501	5.2200e-003	1.0000e-005	5.2300e-003	0.0000	1.1607	1.1607	3.0000e-005	0.0000	1.1615
Total	**1.1900e-003**	**0.0213**	**9.5700e-003**	**7.0000e-005**	**0.0926**	**5.0000e-005**	**0.0926**	**9.7300e-003**	**5.0000e-005**	**9.7800e-003**	**0.0000**	**6.7285**	**6.7285**	**4.3000e-004**	**0.0000**	**6.7394**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.1800e-003	0.2159	0.3719	4.9000e-004		8.0000e-004	8.0000e-004		8.0000e-004	8.0000e-004	0.0000	43.0592	43.0592	0.0139	0.0000	43.4074
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**7.1800e-003**	**0.2159**	**0.3719**	**4.9000e-004**		**8.0000e-004**	**8.0000e-004**		**8.0000e-004**	**8.0000e-004**	**0.0000**	**43.0592**	**43.0592**	**0.0139**	**0.0000**	**43.4074**

3.5 SV Paving - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2000e-004	0.0209	5.5800e-003	6.0000e-005	0.0190	4.0000e-005	0.0191	2.1600e-003	4.0000e-005	2.2000e-003	0.0000	5.5677	5.5677	4.0000e-004	0.0000	5.5778
Worker	5.7000e-004	3.9000e-004	3.9900e-003	1.0000e-005	0.0222	1.0000e-005	0.0222	2.4400e-003	1.0000e-005	2.4500e-003	0.0000	1.1607	1.1607	3.0000e-005	0.0000	1.1615
Total	**1.1900e-003**	**0.0213**	**9.5700e-003**	**7.0000e-005**	**0.0413**	**5.0000e-005**	**0.0413**	**4.6000e-003**	**5.0000e-005**	**4.6500e-003**	**0.0000**	**6.7285**	**6.7285**	**4.3000e-004**	**0.0000**	**6.7394**

3.6 SV 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	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.6 SV Landscaping - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.3000e-004	0.0249	6.6000e-003	6.0000e-005	0.0431	1.2000e-004	0.0433	4.5700e-003	1.2000e-004	4.6900e-003	0.0000	5.7522	5.7522	4.4000e-004	0.0000	5.7632
Worker	8.0000e-004	5.9000e-004	5.8300e-003	2.0000e-005	0.0634	1.0000e-005	0.0634	6.6100e-003	1.0000e-005	6.6300e-003	0.0000	1.5802	1.5802	5.0000e-005	0.0000	1.5814
Total	**1.6300e-003**	**0.0254**	**0.0124**	**8.0000e-005**	**0.1066**	**1.3000e-004**	**0.1067**	**0.0112**	**1.3000e-004**	**0.0113**	**0.0000**	**7.3324**	**7.3324**	**4.9000e-004**	**0.0000**	**7.3446**

Mitigated Construction On-Site

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

3.6 SV Landscaping - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.3000e-004	0.0249	6.6000e-003	6.0000e-005	0.0193	1.2000e-004	0.0194	2.1900e-003	1.2000e-004	2.3100e-003	0.0000	5.7522	5.7522	4.4000e-004	0.0000	5.7632
Worker	8.0000e-004	5.9000e-004	5.8300e-003	2.0000e-005	0.0282	1.0000e-005	0.0282	3.0900e-003	1.0000e-005	3.1000e-003	0.0000	1.5802	1.5802	5.0000e-005	0.0000	1.5814
Total	**1.6300e-003**	**0.0254**	**0.0124**	**8.0000e-005**	**0.0475**	**1.3000e-004**	**0.0476**	**5.2800e-003**	**1.3000e-004**	**5.4100e-003**	**0.0000**	**7.3324**	**7.3324**	**4.9000e-004**	**0.0000**	**7.3446**

3.7 SCV 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	tons/yr										MT/yr					
Fugitive Dust					0.1897	0.0000	0.1897	0.1043	0.0000	0.1043	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0428	0.4454	0.2259	4.0000e-004		0.0231	0.0231		0.0212	0.0212	0.0000	35.1022	35.1022	0.0114	0.0000	35.3860
Total	**0.0428**	**0.4454**	**0.2259**	**4.0000e-004**	**0.1897**	**0.0231**	**0.2128**	**0.1043**	**0.0212**	**0.1255**	**0.0000**	**35.1022**	**35.1022**	**0.0114**	**0.0000**	**35.3860**

3.7 SCV Site Prep - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.6000e-004	4.7900e-003	1.2700e-003	1.0000e-005	8.3100e-003	2.0000e-005	8.3300e-003	8.8000e-004	2.0000e-005	9.0000e-004	0.0000	1.1082	1.1082	8.0000e-005	0.0000	1.1103
Worker	3.9000e-004	2.9000e-004	2.8100e-003	1.0000e-005	0.0306	1.0000e-005	0.0306	3.1900e-003	1.0000e-005	3.1900e-003	0.0000	0.7611	0.7611	2.0000e-005	0.0000	0.7617
Total	**5.5000e-004**	**5.0800e-003**	**4.0800e-003**	**2.0000e-005**	**0.0389**	**3.0000e-005**	**0.0389**	**4.0700e-003**	**3.0000e-005**	**4.0900e-003**	**0.0000**	**1.8693**	**1.8693**	**1.0000e-004**	**0.0000**	**1.8720**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0740	0.0000	0.0740	0.0407	0.0000	0.0407	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.0200e-003	0.1261	0.2412	4.0000e-004		3.8000e-004	3.8000e-004		4.1000e-004	4.1000e-004	0.0000	35.1022	35.1022	0.0114	0.0000	35.3860
Total	**7.0200e-003**	**0.1261**	**0.2412**	**4.0000e-004**	**0.0740**	**3.8000e-004**	**0.0744**	**0.0407**	**4.1000e-004**	**0.0411**	**0.0000**	**35.1022**	**35.1022**	**0.0114**	**0.0000**	**35.3860**

3.7 SCV Site Prep - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.6000e-004	4.7900e-003	1.2700e-003	1.0000e-005	3.7200e-003	2.0000e-005	3.7400e-003	4.2000e-004	2.0000e-005	4.5000e-004	0.0000	1.1082	1.1082	8.0000e-005	0.0000	1.1103
Worker	3.9000e-004	2.9000e-004	2.8100e-003	1.0000e-005	0.0136	1.0000e-005	0.0136	1.4900e-003	1.0000e-005	1.5000e-003	0.0000	0.7611	0.7611	2.0000e-005	0.0000	0.7617
Total	**5.5000e-004**	**5.0800e-003**	**4.0800e-003**	**2.0000e-005**	**0.0173**	**3.0000e-005**	**0.0173**	**1.9100e-003**	**3.0000e-005**	**1.9500e-003**	**0.0000**	**1.8693**	**1.8693**	**1.0000e-004**	**0.0000**	**1.8720**

3.8 SCV Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0997	0.0000	0.0997	0.0414	0.0000	0.0414	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0228	0.2410	0.1873	3.6000e-004		0.0108	0.0108		9.9100e-003	9.9100e-003	0.0000	32.0367	32.0367	0.0104	0.0000	32.2958
Total	**0.0228**	**0.2410**	**0.1873**	**3.6000e-004**	**0.0997**	**0.0108**	**0.1105**	**0.0414**	**9.9100e-003**	**0.0513**	**0.0000**	**32.0367**	**32.0367**	**0.0104**	**0.0000**	**32.2958**

3.8 SCV Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	4.4600e-003	1.1900e-003	1.0000e-005	9.1000e-003	1.0000e-005	9.1100e-003	9.7000e-004	1.0000e-005	9.7000e-004	0.0000	1.1912	1.1912	9.0000e-005	0.0000	1.1934
Worker	3.8000e-004	2.6000e-004	2.6700e-003	1.0000e-005	0.0335	1.0000e-005	0.0335	3.4900e-003	1.0000e-005	3.5000e-003	0.0000	0.7761	0.7761	2.0000e-005	0.0000	0.7766
Total	**5.1000e-004**	**4.7200e-003**	**3.8600e-003**	**2.0000e-005**	**0.0426**	**2.0000e-005**	**0.0426**	**4.4600e-003**	**2.0000e-005**	**4.4700e-003**	**0.0000**	**1.9673**	**1.9673**	**1.1000e-004**	**0.0000**	**1.9700**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0389	0.0000	0.0389	0.0161	0.0000	0.0161	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.6000e-003	0.1262	0.2328	3.6000e-004		9.4000e-004	9.4000e-004		9.1000e-004	9.1000e-004	0.0000	32.0367	32.0367	0.0104	0.0000	32.2957
Total	**6.6000e-003**	**0.1262**	**0.2328**	**3.6000e-004**	**0.0389**	**9.4000e-004**	**0.0398**	**0.0161**	**9.1000e-004**	**0.0170**	**0.0000**	**32.0367**	**32.0367**	**0.0104**	**0.0000**	**32.2957**

3.8 SCV Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	4.4600e-003	1.1900e-003	1.0000e-005	4.0700e-003	1.0000e-005	4.0800e-003	4.6000e-004	1.0000e-005	4.7000e-004	0.0000	1.1912	1.1912	9.0000e-005	0.0000	1.1934
Worker	3.8000e-004	2.6000e-004	2.6700e-003	1.0000e-005	0.0149	1.0000e-005	0.0149	1.6300e-003	1.0000e-005	1.6400e-003	0.0000	0.7761	0.7761	2.0000e-005	0.0000	0.7766
Total	**5.1000e-004**	**4.7200e-003**	**3.8600e-003**	**2.0000e-005**	**0.0189**	**2.0000e-005**	**0.0189**	**2.0900e-003**	**2.0000e-005**	**2.1100e-003**	**0.0000**	**1.9673**	**1.9673**	**1.1000e-004**	**0.0000**	**1.9700**

3.9 SCV 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	tons/yr										MT/yr					
Fugitive Dust					1.1653	0.0000	1.1653	0.6405	0.0000	0.6405	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2242	2.3330	1.1833	2.0900e-003		0.1209	0.1209		0.1112	0.1112	0.0000	183.8687	183.8687	0.0595	0.0000	185.3554
Total	**0.2242**	**2.3330**	**1.1833**	**2.0900e-003**	**1.1653**	**0.1209**	**1.2861**	**0.6405**	**0.1112**	**0.7517**	**0.0000**	**183.8687**	**183.8687**	**0.0595**	**0.0000**	**185.3554**

3.9 SCV Utilities - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.4000e-004	0.0251	6.6600e-003	6.0000e-005	0.0435	1.2000e-004	0.0437	4.6200e-003	1.2000e-004	4.7300e-003	0.0000	5.8050	5.8050	4.4000e-004	0.0000	5.8161
Worker	2.0300e-003	1.5000e-003	0.0147	4.0000e-005	0.1600	3.0000e-005	0.1600	0.0167	3.0000e-005	0.0167	0.0000	3.9868	3.9868	1.2000e-004	0.0000	3.9898
Total	**2.8700e-003**	**0.0266**	**0.0214**	**1.0000e-004**	**0.2035**	**1.5000e-004**	**0.2037**	**0.0213**	**1.5000e-004**	**0.0215**	**0.0000**	**9.7918**	**9.7918**	**5.6000e-004**	**0.0000**	**9.8059**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4545	0.0000	0.4545	0.2498	0.0000	0.2498	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0368	0.6607	1.2635	2.0900e-003		2.0100e-003	2.0100e-003		2.1200e-003	2.1200e-003	0.0000	183.8685	183.8685	0.0595	0.0000	185.3552
Total	**0.0368**	**0.6607**	**1.2635**	**2.0900e-003**	**0.4545**	**2.0100e-003**	**0.4565**	**0.2498**	**2.1200e-003**	**0.2519**	**0.0000**	**183.8685**	**183.8685**	**0.0595**	**0.0000**	**185.3552**

3.9 SCV Utilities - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.4000e-004	0.0251	6.6600e-003	6.0000e-005	0.0195	1.2000e-004	0.0196	2.2100e-003	1.2000e-004	2.3300e-003	0.0000	5.8050	5.8050	4.4000e-004	0.0000	5.8161
Worker	2.0300e-003	1.5000e-003	0.0147	4.0000e-005	0.0711	3.0000e-005	0.0711	7.8000e-003	3.0000e-005	7.8300e-003	0.0000	3.9868	3.9868	1.2000e-004	0.0000	3.9898
Total	**2.8700e-003**	**0.0266**	**0.0214**	**1.0000e-004**	**0.0905**	**1.5000e-004**	**0.0907**	**0.0100**	**1.5000e-004**	**0.0102**	**0.0000**	**9.7918**	**9.7918**	**5.6000e-004**	**0.0000**	**9.8059**

3.9 SCV Utilities - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.1653	0.0000	1.1653	0.6405	0.0000	0.6405	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0369	0.3847	0.2010	3.6000e-004		0.0194	0.0194		0.0179	0.0179	0.0000	31.7639	31.7639	0.0103	0.0000	32.0208
Total	**0.0369**	**0.3847**	**0.2010**	**3.6000e-004**	**1.1653**	**0.0194**	**1.1847**	**0.6405**	**0.0179**	**0.6584**	**0.0000**	**31.7639**	**31.7639**	**0.0103**	**0.0000**	**32.0208**

3.9 SCV Utilities - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	3.9100e-003	1.0400e-003	1.0000e-005	7.5200e-003	1.0000e-005	7.5300e-003	8.0000e-004	1.0000e-005	8.1000e-004	0.0000	0.9935	0.9935	7.0000e-005	0.0000	0.9953
Worker	3.3000e-004	2.4000e-004	2.3700e-003	1.0000e-005	0.0276	1.0000e-005	0.0276	2.8800e-003	0.0000	2.8900e-003	0.0000	0.6655	0.6655	2.0000e-005	0.0000	0.6660
Total	**4.5000e-004**	**4.1500e-003**	**3.4100e-003**	**2.0000e-005**	**0.0352**	**2.0000e-005**	**0.0352**	**3.6800e-003**	**1.0000e-005**	**3.7000e-003**	**0.0000**	**1.6590**	**1.6590**	**9.0000e-005**	**0.0000**	**1.6613**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4545	0.0000	0.4545	0.2498	0.0000	0.2498	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.4000e-003	0.1145	0.2183	3.6000e-004		3.9000e-004	3.9000e-004		4.0000e-004	4.0000e-004	0.0000	31.7639	31.7639	0.0103	0.0000	32.0207
Total	**6.4000e-003**	**0.1145**	**0.2183**	**3.6000e-004**	**0.4545**	**3.9000e-004**	**0.4549**	**0.2498**	**4.0000e-004**	**0.2502**	**0.0000**	**31.7639**	**31.7639**	**0.0103**	**0.0000**	**32.0207**

3.9 SCV Utilities - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	3.9100e-003	1.0400e-003	1.0000e-005	3.3600e-003	1.0000e-005	3.3700e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	0.9935	0.9935	7.0000e-005	0.0000	0.9953
Worker	3.3000e-004	2.4000e-004	2.3700e-003	1.0000e-005	0.0123	1.0000e-005	0.0123	1.3500e-003	0.0000	1.3500e-003	0.0000	0.6655	0.6655	2.0000e-005	0.0000	0.6660
Total	**4.5000e-004**	**4.1500e-003**	**3.4100e-003**	**2.0000e-005**	**0.0156**	**2.0000e-005**	**0.0157**	**1.7300e-003**	**1.0000e-005**	**1.7400e-003**	**0.0000**	**1.6590**	**1.6590**	**9.0000e-005**	**0.0000**	**1.6613**

3.10 SCV 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	tons/yr										MT/yr					
Off-Road	5.5100e-003	0.0556	0.0729	1.1000e-004		2.8400e-003	2.8400e-003		2.6100e-003	2.6100e-003	0.0000	10.0138	10.0138	3.2400e-003	0.0000	10.0948
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.5100e-003**	**0.0556**	**0.0729**	**1.1000e-004**		**2.8400e-003**	**2.8400e-003**		**2.6100e-003**	**2.6100e-003**	**0.0000**	**10.0138**	**10.0138**	**3.2400e-003**	**0.0000**	**10.0948**

3.10 SCV Paving - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.8500e-003	1.3000e-003	1.0000e-005	9.8900e-003	1.0000e-005	9.9000e-003	1.0500e-003	1.0000e-005	1.0600e-003	0.0000	1.2948	1.2948	9.0000e-005	0.0000	1.2972
Worker	1.3000e-004	9.0000e-005	9.3000e-004	0.0000	0.0116	0.0000	0.0116	1.2100e-003	0.0000	1.2200e-003	0.0000	0.2699	0.2699	1.0000e-005	0.0000	0.2701
Total	**2.7000e-004**	**4.9400e-003**	**2.2300e-003**	**1.0000e-005**	**0.0215**	**1.0000e-005**	**0.0215**	**2.2600e-003**	**1.0000e-005**	**2.2800e-003**	**0.0000**	**1.5648**	**1.5648**	**1.0000e-004**	**0.0000**	**1.5673**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.6700e-003	0.0502	0.0865	1.1000e-004		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004	0.0000	10.0138	10.0138	3.2400e-003	0.0000	10.0947
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.6700e-003**	**0.0502**	**0.0865**	**1.1000e-004**		**1.9000e-004**	**1.9000e-004**		**1.9000e-004**	**1.9000e-004**	**0.0000**	**10.0138**	**10.0138**	**3.2400e-003**	**0.0000**	**10.0947**

3.10 SCV Paving - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.8500e-003	1.3000e-003	1.0000e-005	4.4300e-003	1.0000e-005	4.4400e-003	5.0000e-004	1.0000e-005	5.1000e-004	0.0000	1.2948	1.2948	9.0000e-005	0.0000	1.2972
Worker	1.3000e-004	9.0000e-005	9.3000e-004	0.0000	5.1700e-003	0.0000	5.1700e-003	5.7000e-004	0.0000	5.7000e-004	0.0000	0.2699	0.2699	1.0000e-005	0.0000	0.2701
Total	**2.7000e-004**	**4.9400e-003**	**2.2300e-003**	**1.0000e-005**	**9.6000e-003**	**1.0000e-005**	**9.6100e-003**	**1.0700e-003**	**1.0000e-005**	**1.0800e-003**	**0.0000**	**1.5648**	**1.5648**	**1.0000e-004**	**0.0000**	**1.5673**

3.10 SCV Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.2000e-003	0.0612	0.0875	1.4000e-004		3.0600e-003	3.0600e-003		2.8200e-003	2.8200e-003	0.0000	12.0161	12.0161	3.8900e-003	0.0000	12.1133
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.2000e-003**	**0.0612**	**0.0875**	**1.4000e-004**		**3.0600e-003**	**3.0600e-003**		**2.8200e-003**	**2.8200e-003**	**0.0000**	**12.0161**	**12.0161**	**3.8900e-003**	**0.0000**	**12.1133**

3.10 SCV Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	4.5700e-003	1.4200e-003	2.0000e-005	0.0119	1.0000e-005	0.0119	1.2600e-003	1.0000e-005	1.2600e-003	0.0000	1.5147	1.5147	1.0000e-004	0.0000	1.5173
Worker	1.5000e-004	1.0000e-004	1.0300e-003	0.0000	0.0140	0.0000	0.0140	1.4600e-003	0.0000	1.4600e-003	0.0000	0.3116	0.3116	1.0000e-005	0.0000	0.3118
Total	**2.8000e-004**	**4.6700e-003**	**2.4500e-003**	**2.0000e-005**	**0.0258**	**1.0000e-005**	**0.0259**	**2.7200e-003**	**1.0000e-005**	**2.7200e-003**	**0.0000**	**1.8262**	**1.8262**	**1.1000e-004**	**0.0000**	**1.8290**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.0000e-003	0.0602	0.1038	1.4000e-004		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	12.0161	12.0161	3.8900e-003	0.0000	12.1133
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-003**	**0.0602**	**0.1038**	**1.4000e-004**		**2.2000e-004**	**2.2000e-004**		**2.2000e-004**	**2.2000e-004**	**0.0000**	**12.0161**	**12.0161**	**3.8900e-003**	**0.0000**	**12.1133**

3.10 SCV Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	4.5700e-003	1.4200e-003	2.0000e-005	5.3100e-003	1.0000e-005	5.3200e-003	6.0000e-004	1.0000e-005	6.1000e-004	0.0000	1.5147	1.5147	1.0000e-004	0.0000	1.5173
Worker	1.5000e-004	1.0000e-004	1.0300e-003	0.0000	6.2000e-003	0.0000	6.2000e-003	6.8000e-004	0.0000	6.8000e-004	0.0000	0.3116	0.3116	1.0000e-005	0.0000	0.3118
Total	**2.8000e-004**	**4.6700e-003**	**2.4500e-003**	**2.0000e-005**	**0.0115**	**1.0000e-005**	**0.0115**	**1.2800e-003**	**1.0000e-005**	**1.2900e-003**	**0.0000**	**1.8262**	**1.8262**	**1.1000e-004**	**0.0000**	**1.8290**

3.11 SCV 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	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4800e-003	0.0330	0.0456	7.0000e-005		1.3400e-003	1.3400e-003		1.2300e-003	1.2300e-003	0.0000	5.9626	5.9626	1.9300e-003	0.0000	6.0108
Total	**2.4800e-003**	**0.0330**	**0.0456**	**7.0000e-005**	**0.0000**	**1.3400e-003**	**1.3400e-003**	**0.0000**	**1.2300e-003**	**1.2300e-003**	**0.0000**	**5.9626**	**5.9626**	**1.9300e-003**	**0.0000**	**6.0108**

3.11 SCV Landscaping - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.5200e-003	1.2100e-003	1.0000e-005	8.7100e-003	1.0000e-005	8.7200e-003	9.2000e-004	1.0000e-005	9.3000e-004	0.0000	1.1503	1.1503	9.0000e-005	0.0000	1.1525
Worker	1.5000e-004	1.1000e-004	1.1000e-003	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.3082	0.3082	1.0000e-005	0.0000	0.3085
Total	**2.9000e-004**	**4.6300e-003**	**2.3100e-003**	**1.0000e-005**	**0.0215**	**1.0000e-005**	**0.0215**	**2.2600e-003**	**1.0000e-005**	**2.2700e-003**	**0.0000**	**1.4586**	**1.4586**	**1.0000e-004**	**0.0000**	**1.4609**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5300e-003	0.0298	0.0515	7.0000e-005		1.1000e-004	1.1000e-004		1.1000e-004	1.1000e-004	0.0000	5.9626	5.9626	1.9300e-003	0.0000	6.0108
Total	**1.5300e-003**	**0.0298**	**0.0515**	**7.0000e-005**	**0.0000**	**1.1000e-004**	**1.1000e-004**	**0.0000**	**1.1000e-004**	**1.1000e-004**	**0.0000**	**5.9626**	**5.9626**	**1.9300e-003**	**0.0000**	**6.0108**

3.11 SCV Landscaping - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.5200e-003	1.2100e-003	1.0000e-005	3.9000e-003	1.0000e-005	3.9100e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.1503	1.1503	9.0000e-005	0.0000	1.1525
Worker	1.5000e-004	1.1000e-004	1.1000e-003	0.0000	5.6800e-003	0.0000	5.6900e-003	6.2000e-004	0.0000	6.3000e-004	0.0000	0.3082	0.3082	1.0000e-005	0.0000	0.3085
Total	**2.9000e-004**	**4.6300e-003**	**2.3100e-003**	**1.0000e-005**	**9.5800e-003**	**1.0000e-005**	**9.6000e-003**	**1.0600e-003**	**1.0000e-005**	**1.0800e-003**	**0.0000**	**1.4586**	**1.4586**	**1.0000e-004**	**0.0000**	**1.4609**

3.12 CV Site Prep - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1987	0.0000	0.1987	0.1092	0.0000	0.1092	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0428	0.4455	0.2327	4.2000e-004		0.0225	0.0225		0.0207	0.0207	0.0000	36.7793	36.7793	0.0119	0.0000	37.0767
Total	**0.0428**	**0.4455**	**0.2327**	**4.2000e-004**	**0.1987**	**0.0225**	**0.2212**	**0.1092**	**0.0207**	**0.1299**	**0.0000**	**36.7793**	**36.7793**	**0.0119**	**0.0000**	**37.0767**

3.12 CV Site Prep - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.5200e-003	1.2100e-003	1.0000e-005	8.7100e-003	1.0000e-005	8.7200e-003	9.2000e-004	1.0000e-005	9.3000e-004	0.0000	1.1503	1.1503	9.0000e-005	0.0000	1.1525
Worker	3.8000e-004	2.7000e-004	2.7500e-003	1.0000e-005	0.0320	1.0000e-005	0.0320	3.3400e-003	1.0000e-005	3.3400e-003	0.0000	0.7706	0.7706	2.0000e-005	0.0000	0.7711
Total	**5.2000e-004**	**4.7900e-003**	**3.9600e-003**	**2.0000e-005**	**0.0407**	**2.0000e-005**	**0.0407**	**4.2600e-003**	**2.0000e-005**	**4.2700e-003**	**0.0000**	**1.9209**	**1.9209**	**1.1000e-004**	**0.0000**	**1.9236**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0775	0.0000	0.0775	0.0426	0.0000	0.0426	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.4100e-003	0.1326	0.2527	4.2000e-004		4.5000e-004	4.5000e-004		4.7000e-004	4.7000e-004	0.0000	36.7792	36.7792	0.0119	0.0000	37.0766
Total	**7.4100e-003**	**0.1326**	**0.2527**	**4.2000e-004**	**0.0775**	**4.5000e-004**	**0.0780**	**0.0426**	**4.7000e-004**	**0.0431**	**0.0000**	**36.7792**	**36.7792**	**0.0119**	**0.0000**	**37.0766**

3.12 CV Site Prep - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.5200e-003	1.2100e-003	1.0000e-005	3.9000e-003	1.0000e-005	3.9100e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.1503	1.1503	9.0000e-005	0.0000	1.1525
Worker	3.8000e-004	2.7000e-004	2.7500e-003	1.0000e-005	0.0142	1.0000e-005	0.0142	1.5600e-003	1.0000e-005	1.5700e-003	0.0000	0.7706	0.7706	2.0000e-005	0.0000	0.7711
Total	**5.2000e-004**	**4.7900e-003**	**3.9600e-003**	**2.0000e-005**	**0.0181**	**2.0000e-005**	**0.0181**	**2.0000e-003**	**2.0000e-005**	**2.0200e-003**	**0.0000**	**1.9209**	**1.9209**	**1.1000e-004**	**0.0000**	**1.9236**

3.13 CV Utilities - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.1833	0.0000	1.1833	0.6505	0.0000	0.6505	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2547	2.6526	1.3856	2.4900e-003		0.1339	0.1339		0.1232	0.1232	0.0000	219.0040	219.0040	0.0708	0.0000	220.7747
Total	**0.2547**	**2.6526**	**1.3856**	**2.4900e-003**	**1.1833**	**0.1339**	**1.3173**	**0.6505**	**0.1232**	**0.7737**	**0.0000**	**219.0040**	**219.0040**	**0.0708**	**0.0000**	**220.7747**

3.13 CV Utilities - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.1000e-004	0.0269	7.1800e-003	7.0000e-005	0.0518	6.0000e-005	0.0519	5.5000e-003	5.0000e-005	5.5500e-003	0.0000	6.8497	6.8497	5.1000e-004	0.0000	6.8624
Worker	2.2800e-003	1.6200e-003	0.0164	5.0000e-005	0.1906	4.0000e-005	0.1906	0.0199	3.0000e-005	0.0199	0.0000	4.5884	4.5884	1.3000e-004	0.0000	4.5917
Total	**3.0900e-003**	**0.0285**	**0.0235**	**1.2000e-004**	**0.2424**	**1.0000e-004**	**0.2425**	**0.0254**	**8.0000e-005**	**0.0255**	**0.0000**	**11.4382**	**11.4382**	**6.4000e-004**	**0.0000**	**11.4542**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4615	0.0000	0.4615	0.2537	0.0000	0.2537	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0441	0.7895	1.5050	2.4900e-003		2.6700e-003	2.6700e-003		2.7900e-003	2.7900e-003	0.0000	219.0037	219.0037	0.0708	0.0000	220.7744
Total	**0.0441**	**0.7895**	**1.5050**	**2.4900e-003**	**0.4615**	**2.6700e-003**	**0.4642**	**0.2537**	**2.7900e-003**	**0.2565**	**0.0000**	**219.0037**	**219.0037**	**0.0708**	**0.0000**	**220.7744**

3.13 CV Utilities - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.1000e-004	0.0269	7.1800e-003	7.0000e-005	0.0232	6.0000e-005	0.0233	2.6400e-003	5.0000e-005	2.6900e-003	0.0000	6.8497	6.8497	5.1000e-004	0.0000	6.8624
Worker	2.2800e-003	1.6200e-003	0.0164	5.0000e-005	0.0846	4.0000e-005	0.0847	9.2900e-003	3.0000e-005	9.3300e-003	0.0000	4.5884	4.5884	1.3000e-004	0.0000	4.5917
Total	**3.0900e-003**	**0.0285**	**0.0235**	**1.2000e-004**	**0.1078**	**1.0000e-004**	**0.1079**	**0.0119**	**8.0000e-005**	**0.0120**	**0.0000**	**11.4382**	**11.4382**	**6.4000e-004**	**0.0000**	**11.4542**

3.14 CV Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0911	0.0000	0.0911	0.0378	0.0000	0.0378	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0209	0.2200	0.1710	3.3000e-004		9.8300e-003	9.8300e-003		9.0500e-003	9.0500e-003	0.0000	29.2509	29.2509	9.4600e-003	0.0000	29.4875
Total	**0.0209**	**0.2200**	**0.1710**	**3.3000e-004**	**0.0911**	**9.8300e-003**	**0.1009**	**0.0378**	**9.0500e-003**	**0.0468**	**0.0000**	**29.2509**	**29.2509**	**9.4600e-003**	**0.0000**	**29.4875**

3.14 CV Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	4.0800e-003	1.0900e-003	1.0000e-005	8.3100e-003	1.0000e-005	8.3200e-003	8.8000e-004	1.0000e-005	8.9000e-004	0.0000	1.0877	1.0877	8.0000e-005	0.0000	1.0896
Worker	2.8000e-004	1.9000e-004	1.9500e-003	1.0000e-005	0.0244	0.0000	0.0244	2.5500e-003	0.0000	2.5500e-003	0.0000	0.5669	0.5669	2.0000e-005	0.0000	0.5673
Total	**4.0000e-004**	**4.2700e-003**	**3.0400e-003**	**2.0000e-005**	**0.0328**	**1.0000e-005**	**0.0328**	**3.4300e-003**	**1.0000e-005**	**3.4400e-003**	**0.0000**	**1.6545**	**1.6545**	**1.0000e-004**	**0.0000**	**1.6569**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0355	0.0000	0.0355	0.0147	0.0000	0.0147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0300e-003	0.1152	0.2126	3.3000e-004		8.6000e-004	8.6000e-004		8.3000e-004	8.3000e-004	0.0000	29.2509	29.2509	9.4600e-003	0.0000	29.4874
Total	**6.0300e-003**	**0.1152**	**0.2126**	**3.3000e-004**	**0.0355**	**8.6000e-004**	**0.0364**	**0.0147**	**8.3000e-004**	**0.0156**	**0.0000**	**29.2509**	**29.2509**	**9.4600e-003**	**0.0000**	**29.4874**

3.14 CV Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	4.0800e-003	1.0900e-003	1.0000e-005	3.7200e-003	1.0000e-005	3.7300e-003	4.2000e-004	1.0000e-005	4.3000e-004	0.0000	1.0877	1.0877	8.0000e-005	0.0000	1.0896
Worker	2.8000e-004	1.9000e-004	1.9500e-003	1.0000e-005	0.0109	0.0000	0.0109	1.1900e-003	0.0000	1.2000e-003	0.0000	0.5669	0.5669	2.0000e-005	0.0000	0.5673
Total	**4.0000e-004**	**4.2700e-003**	**3.0400e-003**	**2.0000e-005**	**0.0146**	**1.0000e-005**	**0.0146**	**1.6100e-003**	**1.0000e-005**	**1.6300e-003**	**0.0000**	**1.6545**	**1.6545**	**1.0000e-004**	**0.0000**	**1.6569**

3.15 CV Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0296	22.0296	7.1200e-003	0.0000	22.2077
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0114**	**0.1121**	**0.1604**	**2.5000e-004**		**5.6100e-003**	**5.6100e-003**		**5.1600e-003**	**5.1600e-003**	**0.0000**	**22.0296**	**22.0296**	**7.1200e-003**	**0.0000**	**22.2077**

3.15 CV Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	8.3900e-003	2.6000e-003	3.0000e-005	0.0218	1.0000e-005	0.0218	2.3100e-003	1.0000e-005	2.3200e-003	0.0000	2.7769	2.7769	1.9000e-004	0.0000	2.7816
Worker	2.7000e-004	1.8000e-004	1.8900e-003	1.0000e-005	0.0256	0.0000	0.0256	2.6700e-003	0.0000	2.6700e-003	0.0000	0.5712	0.5712	1.0000e-005	0.0000	0.5716
Total	**5.1000e-004**	**8.5700e-003**	**4.4900e-003**	**4.0000e-005**	**0.0474**	**1.0000e-005**	**0.0474**	**4.9800e-003**	**1.0000e-005**	**4.9900e-003**	**0.0000**	**3.3481**	**3.3481**	**2.0000e-004**	**0.0000**	**3.3532**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.6700e-003	0.1104	0.1903	2.5000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	22.0295	22.0295	7.1200e-003	0.0000	22.2077
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.6700e-003**	**0.1104**	**0.1903**	**2.5000e-004**		**4.1000e-004**	**4.1000e-004**		**4.1000e-004**	**4.1000e-004**	**0.0000**	**22.0295**	**22.0295**	**7.1200e-003**	**0.0000**	**22.2077**

3.15 CV Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	8.3900e-003	2.6000e-003	3.0000e-005	9.7400e-003	1.0000e-005	9.7500e-003	1.1100e-003	1.0000e-005	1.1200e-003	0.0000	2.7769	2.7769	1.9000e-004	0.0000	2.7816
Worker	2.7000e-004	1.8000e-004	1.8900e-003	1.0000e-005	0.0114	0.0000	0.0114	1.2500e-003	0.0000	1.2500e-003	0.0000	0.5712	0.5712	1.0000e-005	0.0000	0.5716
Total	**5.1000e-004**	**8.5700e-003**	**4.4900e-003**	**4.0000e-005**	**0.0211**	**1.0000e-005**	**0.0211**	**2.3600e-003**	**1.0000e-005**	**2.3700e-003**	**0.0000**	**3.3481**	**3.3481**	**2.0000e-004**	**0.0000**	**3.3532**

3.16 CV 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	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1700e-003	0.0422	0.0584	9.0000e-005		1.7100e-003	1.7100e-003		1.5800e-003	1.5800e-003	0.0000	7.6279	7.6279	2.4700e-003	0.0000	7.6896
Total	**3.1700e-003**	**0.0422**	**0.0584**	**9.0000e-005**	**0.0000**	**1.7100e-003**	**1.7100e-003**	**0.0000**	**1.5800e-003**	**1.5800e-003**	**0.0000**	**7.6279**	**7.6279**	**2.4700e-003**	**0.0000**	**7.6896**

3.16 CV Landscaping - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6000e-004	8.6300e-003	2.3000e-003	2.0000e-005	0.0166	2.0000e-005	0.0166	1.7600e-003	2.0000e-005	1.7800e-003	0.0000	2.1961	2.1961	1.6000e-004	0.0000	2.2002
Worker	2.9000e-004	2.1000e-004	2.1000e-003	1.0000e-005	0.0244	0.0000	0.0244	2.5500e-003	0.0000	2.5500e-003	0.0000	0.5884	0.5884	2.0000e-005	0.0000	0.5889
Total	**5.5000e-004**	**8.8400e-003**	**4.4000e-003**	**3.0000e-005**	**0.0411**	**2.0000e-005**	**0.0411**	**4.3100e-003**	**2.0000e-005**	**4.3300e-003**	**0.0000**	**2.7845**	**2.7845**	**1.8000e-004**	**0.0000**	**2.7890**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.1400e-003	0.0488	0.0659	9.0000e-005		2.0000e-003	2.0000e-003		2.0000e-003	2.0000e-003	0.0000	7.6279	7.6279	2.4700e-003	0.0000	7.6896
Total	**2.1400e-003**	**0.0488**	**0.0659**	**9.0000e-005**	**0.0000**	**2.0000e-003**	**2.0000e-003**	**0.0000**	**2.0000e-003**	**2.0000e-003**	**0.0000**	**7.6279**	**7.6279**	**2.4700e-003**	**0.0000**	**7.6896**

3.16 CV Landscaping - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6000e-004	8.6300e-003	2.3000e-003	2.0000e-005	7.4400e-003	2.0000e-005	7.4600e-003	8.5000e-004	2.0000e-005	8.6000e-004	0.0000	2.1961	2.1961	1.6000e-004	0.0000	2.2002
Worker	2.9000e-004	2.1000e-004	2.1000e-003	1.0000e-005	0.0109	0.0000	0.0109	1.1900e-003	0.0000	1.2000e-003	0.0000	0.5884	0.5884	2.0000e-005	0.0000	0.5889
Total	**5.5000e-004**	**8.8400e-003**	**4.4000e-003**	**3.0000e-005**	**0.0183**	**2.0000e-005**	**0.0183**	**2.0400e-003**	**2.0000e-005**	**2.0600e-003**	**0.0000**	**2.7845**	**2.7845**	**1.8000e-004**	**0.0000**	**2.7890**

3.17 NV Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1518	0.0000	0.1518	0.0629	0.0000	0.0629	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0634	0.6798	0.5082	1.0900e-003		0.0286	0.0286		0.0263	0.0263	0.0000	95.4356	95.4356	0.0309	0.0000	96.2072
Total	**0.0634**	**0.6798**	**0.5082**	**1.0900e-003**	**0.1518**	**0.0286**	**0.1804**	**0.0629**	**0.0263**	**0.0893**	**0.0000**	**95.4356**	**95.4356**	**0.0309**	**0.0000**	**96.2072**

3.17 NV Grading - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-004	6.7900e-003	1.8200e-003	2.0000e-005	0.0139	1.0000e-005	0.0139	1.4700e-003	1.0000e-005	1.4800e-003	0.0000	1.8128	1.8128	1.3000e-004	0.0000	1.8160
Worker	5.8000e-004	4.0000e-004	4.0600e-003	1.0000e-005	0.0509	1.0000e-005	0.0509	5.3100e-003	1.0000e-005	5.3200e-003	0.0000	1.1810	1.1810	3.0000e-005	0.0000	1.1818
Total	**7.8000e-004**	**7.1900e-003**	**5.8800e-003**	**3.0000e-005**	**0.0648**	**2.0000e-005**	**0.0648**	**6.7800e-003**	**2.0000e-005**	**6.8000e-003**	**0.0000**	**2.9937**	**2.9937**	**1.6000e-004**	**0.0000**	**2.9978**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0592	0.0000	0.0592	0.0246	0.0000	0.0246	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0187	0.3323	0.6370	1.0900e-003		2.3100e-003	2.3100e-003		2.2600e-003	2.2600e-003	0.0000	95.4354	95.4354	0.0309	0.0000	96.2071
Total	**0.0187**	**0.3323**	**0.6370**	**1.0900e-003**	**0.0592**	**2.3100e-003**	**0.0615**	**0.0246**	**2.2600e-003**	**0.0268**	**0.0000**	**95.4354**	**95.4354**	**0.0309**	**0.0000**	**96.2071**

3.17 NV Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-004	6.7900e-003	1.8200e-003	2.0000e-005	6.2000e-003	1.0000e-005	6.2100e-003	7.0000e-004	1.0000e-005	7.2000e-004	0.0000	1.8128	1.8128	1.3000e-004	0.0000	1.8160
Worker	5.8000e-004	4.0000e-004	4.0600e-003	1.0000e-005	0.0226	1.0000e-005	0.0226	2.4800e-003	1.0000e-005	2.4900e-003	0.0000	1.1810	1.1810	3.0000e-005	0.0000	1.1818
Total	**7.8000e-004**	**7.1900e-003**	**5.8800e-003**	**3.0000e-005**	**0.0288**	**2.0000e-005**	**0.0288**	**3.1800e-003**	**2.0000e-005**	**3.2100e-003**	**0.0000**	**2.9937**	**2.9937**	**1.6000e-004**	**0.0000**	**2.9978**

3.18 NV Utilities - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.5962	0.0000	0.5962	0.3277	0.0000	0.3277	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0486	0.5062	0.2644	4.8000e-004		0.0256	0.0256		0.0235	0.0235	0.0000	41.7947	41.7947	0.0135	0.0000	42.1326
Total	**0.0486**	**0.5062**	**0.2644**	**4.8000e-004**	**0.5962**	**0.0256**	**0.6218**	**0.3277**	**0.0235**	**0.3512**	**0.0000**	**41.7947**	**41.7947**	**0.0135**	**0.0000**	**42.1326**

3.18 NV Utilities - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5000e-004	5.1400e-003	1.3700e-003	1.0000e-005	9.8900e-003	1.0000e-005	9.9000e-003	1.0500e-003	1.0000e-005	1.0600e-003	0.0000	1.3072	1.3072	1.0000e-004	0.0000	1.3096
Worker	4.3000e-004	3.1000e-004	3.1200e-003	1.0000e-005	0.0364	1.0000e-005	0.0364	3.7900e-003	1.0000e-005	3.8000e-003	0.0000	0.8757	0.8757	3.0000e-005	0.0000	0.8763
Total	**5.8000e-004**	**5.4500e-003**	**4.4900e-003**	**2.0000e-005**	**0.0463**	**2.0000e-005**	**0.0463**	**4.8400e-003**	**2.0000e-005**	**4.8600e-003**	**0.0000**	**2.1829**	**2.1829**	**1.3000e-004**	**0.0000**	**2.1859**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2325	0.0000	0.2325	0.1278	0.0000	0.1278	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.4100e-003	0.1507	0.2872	4.8000e-004		5.1000e-004	5.1000e-004		5.3000e-004	5.3000e-004	0.0000	41.7946	41.7946	0.0135	0.0000	42.1325
Total	**8.4100e-003**	**0.1507**	**0.2872**	**4.8000e-004**	**0.2325**	**5.1000e-004**	**0.2330**	**0.1278**	**5.3000e-004**	**0.1283**	**0.0000**	**41.7946**	**41.7946**	**0.0135**	**0.0000**	**42.1325**

3.18 NV Utilities - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5000e-004	5.1400e-003	1.3700e-003	1.0000e-005	4.4300e-003	1.0000e-005	4.4400e-003	5.0000e-004	1.0000e-005	5.1000e-004	0.0000	1.3072	1.3072	1.0000e-004	0.0000	1.3096
Worker	4.3000e-004	3.1000e-004	3.1200e-003	1.0000e-005	0.0162	1.0000e-005	0.0162	1.7700e-003	1.0000e-005	1.7800e-003	0.0000	0.8757	0.8757	3.0000e-005	0.0000	0.8763
Total	**5.8000e-004**	**5.4500e-003**	**4.4900e-003**	**2.0000e-005**	**0.0206**	**2.0000e-005**	**0.0206**	**2.2700e-003**	**2.0000e-005**	**2.2900e-003**	**0.0000**	**2.1829**	**2.1829**	**1.3000e-004**	**0.0000**	**2.1859**

3.18 NV 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	tons/yr										MT/yr					
Fugitive Dust					0.5962	0.0000	0.5962	0.3277	0.0000	0.3277	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0650	0.6782	0.4038	7.8000e-004		0.0331	0.0331		0.0304	0.0304	0.0000	68.5508	68.5508	0.0222	0.0000	69.1050
Total	**0.0650**	**0.6782**	**0.4038**	**7.8000e-004**	**0.5962**	**0.0331**	**0.6293**	**0.3277**	**0.0304**	**0.3581**	**0.0000**	**68.5508**	**68.5508**	**0.0222**	**0.0000**	**69.1050**

3.18 NV Utilities - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	7.9600e-003	2.1300e-003	2.0000e-005	0.0162	2.0000e-005	0.0162	1.7200e-003	1.0000e-005	1.7400e-003	0.0000	2.1235	2.1235	1.5000e-004	0.0000	2.1274
Worker	6.7000e-004	4.6000e-004	4.7500e-003	2.0000e-005	0.0596	1.0000e-005	0.0597	6.2200e-003	1.0000e-005	6.2300e-003	0.0000	1.3834	1.3834	4.0000e-005	0.0000	1.3844
Total	**9.1000e-004**	**8.4200e-003**	**6.8800e-003**	**4.0000e-005**	**0.0759**	**3.0000e-005**	**0.0759**	**7.9400e-003**	**2.0000e-005**	**7.9700e-003**	**0.0000**	**3.5069**	**3.5069**	**1.9000e-004**	**0.0000**	**3.5117**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2325	0.0000	0.2325	0.1278	0.0000	0.1278	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0139	0.2480	0.4711	7.8000e-004		9.2000e-004	9.2000e-004		9.5000e-004	9.5000e-004	0.0000	68.5507	68.5507	0.0222	0.0000	69.1049
Total	**0.0139**	**0.2480**	**0.4711**	**7.8000e-004**	**0.2325**	**9.2000e-004**	**0.2334**	**0.1278**	**9.5000e-004**	**0.1288**	**0.0000**	**68.5507**	**68.5507**	**0.0222**	**0.0000**	**69.1049**

3.18 NV Utilities - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	7.9600e-003	2.1300e-003	2.0000e-005	7.2600e-003	2.0000e-005	7.2800e-003	8.3000e-004	1.0000e-005	8.4000e-004	0.0000	2.1235	2.1235	1.5000e-004	0.0000	2.1274
Worker	6.7000e-004	4.6000e-004	4.7500e-003	2.0000e-005	0.0265	1.0000e-005	0.0265	2.9100e-003	1.0000e-005	2.9200e-003	0.0000	1.3834	1.3834	4.0000e-005	0.0000	1.3844
Total	**9.1000e-004**	**8.4200e-003**	**6.8800e-003**	**4.0000e-005**	**0.0337**	**3.0000e-005**	**0.0338**	**3.7400e-003**	**2.0000e-005**	**3.7600e-003**	**0.0000**	**3.5069**	**3.5069**	**1.9000e-004**	**0.0000**	**3.5117**

3.19 NV Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0108	0.1070	0.1531	2.4000e-004		5.3600e-003	5.3600e-003		4.9300e-003	4.9300e-003	0.0000	21.0282	21.0282	6.8000e-003	0.0000	21.1982
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0108**	**0.1070**	**0.1531**	**2.4000e-004**		**5.3600e-003**	**5.3600e-003**		**4.9300e-003**	**4.9300e-003**	**0.0000**	**21.0282**	**21.0282**	**6.8000e-003**	**0.0000**	**21.1982**

3.19 NV Paving - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3000e-004	8.0000e-003	2.4800e-003	3.0000e-005	0.0208	1.0000e-005	0.0208	2.2000e-003	1.0000e-005	2.2100e-003	0.0000	2.6507	2.6507	1.8000e-004	0.0000	2.6552
Worker	2.6000e-004	1.7000e-004	1.8100e-003	1.0000e-005	0.0244	0.0000	0.0244	2.5500e-003	0.0000	2.5500e-003	0.0000	0.5452	0.5452	1.0000e-005	0.0000	0.5456
Total	**4.9000e-004**	**8.1700e-003**	**4.2900e-003**	**4.0000e-005**	**0.0452**	**1.0000e-005**	**0.0452**	**4.7500e-003**	**1.0000e-005**	**4.7600e-003**	**0.0000**	**3.1959**	**3.1959**	**1.9000e-004**	**0.0000**	**3.2008**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.5100e-003	0.1054	0.1816	2.4000e-004		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	21.0282	21.0282	6.8000e-003	0.0000	21.1982
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.5100e-003**	**0.1054**	**0.1816**	**2.4000e-004**		**3.9000e-004**	**3.9000e-004**		**3.9000e-004**	**3.9000e-004**	**0.0000**	**21.0282**	**21.0282**	**6.8000e-003**	**0.0000**	**21.1982**

3.19 NV Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3000e-004	8.0000e-003	2.4800e-003	3.0000e-005	9.3000e-003	1.0000e-005	9.3100e-003	1.0600e-003	1.0000e-005	1.0700e-003	0.0000	2.6507	2.6507	1.8000e-004	0.0000	2.6552
Worker	2.6000e-004	1.7000e-004	1.8100e-003	1.0000e-005	0.0109	0.0000	0.0109	1.1900e-003	0.0000	1.2000e-003	0.0000	0.5452	0.5452	1.0000e-005	0.0000	0.5456
Total	**4.9000e-004**	**8.1700e-003**	**4.2900e-003**	**4.0000e-005**	**0.0202**	**1.0000e-005**	**0.0202**	**2.2500e-003**	**1.0000e-005**	**2.2700e-003**	**0.0000**	**3.1959**	**3.1959**	**1.9000e-004**	**0.0000**	**3.2008**

3.20 NV 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	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.0600e-003	0.0409	0.0610	9.0000e-005		1.5200e-003	1.5200e-003		1.4000e-003	1.4000e-003	0.0000	7.9988	7.9988	2.5900e-003	0.0000	8.0635
Total	**3.0600e-003**	**0.0409**	**0.0610**	**9.0000e-005**	**0.0000**	**1.5200e-003**	**1.5200e-003**	**0.0000**	**1.4000e-003**	**1.4000e-003**	**0.0000**	**7.9988**	**7.9988**	**2.5900e-003**	**0.0000**	**8.0635**

3.20 NV Landscaping - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	8.5400e-003	2.2800e-003	2.0000e-005	0.0174	2.0000e-005	0.0174	1.8500e-003	2.0000e-005	1.8600e-003	0.0000	2.2789	2.2789	1.7000e-004	0.0000	2.2830
Worker	2.9000e-004	2.0000e-004	2.0400e-003	1.0000e-005	0.0256	0.0000	0.0256	2.6700e-003	0.0000	2.6700e-003	0.0000	0.5939	0.5939	2.0000e-005	0.0000	0.5943
Total	**5.4000e-004**	**8.7400e-003**	**4.3200e-003**	**3.0000e-005**	**0.0430**	**2.0000e-005**	**0.0430**	**4.5200e-003**	**2.0000e-005**	**4.5300e-003**	**0.0000**	**2.8727**	**2.8727**	**1.9000e-004**	**0.0000**	**2.8773**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2400e-003	0.0511	0.0691	9.0000e-005		2.0900e-003	2.0900e-003		2.0900e-003	2.0900e-003	0.0000	7.9988	7.9988	2.5900e-003	0.0000	8.0635
Total	**2.2400e-003**	**0.0511**	**0.0691**	**9.0000e-005**	**0.0000**	**2.0900e-003**	**2.0900e-003**	**0.0000**	**2.0900e-003**	**2.0900e-003**	**0.0000**	**7.9988**	**7.9988**	**2.5900e-003**	**0.0000**	**8.0635**

3.20 NV Landscaping - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	8.5400e-003	2.2800e-003	2.0000e-005	7.7900e-003	2.0000e-005	7.8100e-003	8.9000e-004	2.0000e-005	9.0000e-004	0.0000	2.2789	2.2789	1.7000e-004	0.0000	2.2830
Worker	2.9000e-004	2.0000e-004	2.0400e-003	1.0000e-005	0.0114	0.0000	0.0114	1.2500e-003	0.0000	1.2500e-003	0.0000	0.5939	0.5939	2.0000e-005	0.0000	0.5943
Total	**5.4000e-004**	**8.7400e-003**	**4.3200e-003**	**3.0000e-005**	**0.0192**	**2.0000e-005**	**0.0192**	**2.1400e-003**	**2.0000e-005**	**2.1500e-003**	**0.0000**	**2.8727**	**2.8727**	**1.9000e-004**	**0.0000**	**2.8773**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Residential	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Residential	10.80	7.30	7.50	41.60	18.80	39.60	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Residential	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Residential	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Residential	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Residential	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Residential	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0630	1.3100e-003	0.0849	1.4000e-004		0.0109	0.0109		0.0109	0.0109	1.0330	0.4453	1.4783	9.7000e-004	8.0000e-005	1.5266
Unmitigated	0.0630	1.3100e-003	0.0849	1.4000e-004		0.0109	0.0109		0.0109	0.0109	1.0330	0.4453	1.4783	9.7000e-004	8.0000e-005	1.5266

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0628	1.2300e-003	0.0775	1.4000e-004		0.0109	0.0109		0.0109	0.0109	1.0330	0.4332	1.4662	9.5000e-004	8.0000e-005	1.5142
Landscaping	2.3000e-004	9.0000e-005	7.4400e-003	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0121	0.0121	1.0000e-005	0.0000	0.0124
Total	**0.0630**	**1.3200e-003**	**0.0849**	**1.4000e-004**		**0.0109**	**0.0109**		**0.0109**	**0.0109**	**1.0330**	**0.4453**	**1.4783**	**9.6000e-004**	**8.0000e-005**	**1.5266**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0628	1.2300e-003	0.0775	1.4000e-004		0.0109	0.0109		0.0109	0.0109	1.0330	0.4332	1.4662	9.5000e-004	8.0000e-005	1.5142
Landscaping	2.3000e-004	9.0000e-005	7.4400e-003	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0121	0.0121	1.0000e-005	0.0000	0.0124
Total	**0.0630**	**1.3200e-003**	**0.0849**	**1.4000e-004**		**0.0109**	**0.0109**		**0.0109**	**0.0109**	**1.0330**	**0.4453**	**1.4783**	**9.6000e-004**	**8.0000e-005**	**1.5266**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Residential	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Residential	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Residential	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Residential	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Proctor Valley EIR - Offsite

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												
CV Grading	0.70	0.47	-0.24	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
CV Landscaping	0.28	-0.13	-0.12	0.00	-0.17	-0.26	0.00	0.00	0.00	0.00	0.00	0.00
CV Paving	0.65	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
CV Site Prep	0.82	0.69	-0.08	0.00	0.98	0.98	0.00	0.00	0.00	0.00	0.00	0.00
CV Utilities	0.82	0.69	-0.08	0.00	0.98	0.98	0.00	0.00	0.00	0.00	0.00	0.00
NV Grading	0.70	0.51	-0.25	0.00	0.92	0.91	0.00	0.00	0.00	0.00	0.00	0.00
NV Landscaping	0.23	-0.21	-0.12	0.00	-0.37	-0.49	0.00	0.00	0.00	0.00	0.00	0.00
NV Paving	0.65	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
NV Utilities	0.79	0.66	-0.13	0.00	0.97	0.97	0.00	0.00	0.00	0.00	0.00	0.00
SCV Grading	0.70	0.47	-0.24	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
SCV Landscaping	0.34	0.08	-0.12	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
SCV Paving	0.66	0.05	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
SCV Site Prep	0.83	0.71	-0.07	0.00	0.98	0.98	0.00	0.00	0.00	0.00	0.00	0.00
SCV Utilities	0.82	0.71	-0.07	0.00	0.98	0.98	0.00	0.00	0.00	0.00	0.00	0.00
SV Grading	0.70	0.51	-0.25	0.00	0.92	0.91	0.00	0.00	0.00	0.00	0.00	0.00
SV 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
SV Paving	0.66	0.09	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
SV Site Prep	0.84	0.73	-0.04	0.00	0.98	0.98	0.00	0.00	0.00	0.00	0.00	0.00
SV Utilities	0.83	0.73	-0.04	0.00	0.98	0.98	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
Excavators	Diesel	Tier 4 Interim	6	8	No Change	0.00
Graders	Diesel	Tier 4 Interim	4	4	No Change	0.00
Pavers	Diesel	Tier 4 Interim	8	8	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	8	8	No Change	0.00
Rollers	Diesel	Tier 4 Interim	8	8	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Interim	25	25	No Change	0.00
Scrapers	Diesel	Tier 4 Interim	4	4	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	8	8	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	38	36	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	2.47000E-002	2.16790E-001	3.97130E-001	6.30000E-004	1.04800E-002	9.64000E-003	0.00000E+000	5.53400E+001	5.53400E+001	1.79000E-002	0.00000E+000	5.57874E+001
Graders	2.53100E-002	3.20710E-001	1.05030E-001	4.00000E-004	1.02000E-002	9.38000E-003	0.00000E+000	3.54873E+001	3.54873E+001	1.14800E-002	0.00000E+000	3.57742E+001
Pavers	2.15200E-002	2.14790E-001	3.11420E-001	5.10000E-004	1.01600E-002	9.34000E-003	0.00000E+000	4.46023E+001	4.46023E+001	1.44300E-002	0.00000E+000	4.49629E+001
Paving Equipment	1.88400E-002	1.80260E-001	2.75560E-001	4.40000E-004	8.78000E-003	8.08000E-003	0.00000E+000	3.86484E+001	3.86484E+001	1.25000E-002	0.00000E+000	3.89608E+001
Rollers	1.72700E-002	1.80030E-001	2.00470E-001	2.80000E-004	1.01400E-002	9.33000E-003	0.00000E+000	2.48963E+001	2.48963E+001	8.05000E-003	0.00000E+000	2.50976E+001
Rubber Tired Dozers	8.84140E-001	9.31072E+000	3.42841E+000	7.21000E-003	4.52400E-001	4.16210E-001	0.00000E+000	6.37809E+002	6.37809E+002	2.05210E-001	0.00000E+000	6.42940E+002
Scrapers	6.39000E-002	6.97590E-001	4.97310E-001	1.18000E-003	2.72300E-002	2.50500E-002	0.00000E+000	1.04039E+002	1.04039E+002	3.36500E-002	0.00000E+000	1.04880E+002
Skid Steer Loaders	8.71000E-003	1.15950E-001	1.65050E-001	2.50000E-004	4.57000E-003	4.21000E-003	0.00000E+000	2.15894E+001	2.15894E+001	6.98000E-003	0.00000E+000	2.17639E+001
Tractors/Loaders/ Backhoes	2.32960E-001	2.35002E+000	2.65257E+000	3.63000E-003	1.44350E-001	1.32800E-001	0.00000E+000	3.20448E+002	3.20448E+002	1.03120E-001	0.00000E+000	3.23026E+002

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Excavators	1.19900E-002	2.62510E-001	4.57780E-001	6.30000E-004	3.40000E-003	3.19000E-003	0.00000E+000	5.53399E+001	5.53399E+001	1.79000E-002	0.00000E+000	5.57873E+001
Graders	6.60000E-003	1.06410E-001	2.14460E-001	4.00000E-004	6.60000E-004	6.60000E-004	0.00000E+000	3.54872E+001	3.54872E+001	1.14800E-002	0.00000E+000	3.57742E+001
Pavers	6.24000E-003	2.23600E-001	3.84810E-001	5.10000E-004	8.30000E-004	8.30000E-004	0.00000E+000	4.46023E+001	4.46023E+001	1.44300E-002	0.00000E+000	4.49629E+001
Paving Equipment	5.43000E-003	1.94610E-001	3.34910E-001	4.40000E-004	7.20000E-004	7.20000E-004	0.00000E+000	3.86483E+001	3.86483E+001	1.25000E-002	0.00000E+000	3.89608E+001
Rollers	6.37000E-003	1.23920E-001	2.14250E-001	2.80000E-004	4.60000E-004	4.60000E-004	0.00000E+000	2.48962E+001	2.48962E+001	8.05000E-003	0.00000E+000	2.50975E+001
Rubber Tired Dozers	1.17860E-001	1.90057E+000	3.83061E+000	7.21000E-003	1.17900E-002	1.17900E-002	0.00000E+000	6.37808E+002	6.37808E+002	2.05210E-001	0.00000E+000	6.42939E+002
Scrapers	1.93900E-002	3.12620E-001	6.30080E-001	1.18000E-003	1.94000E-003	1.94000E-003	0.00000E+000	1.04038E+002	1.04038E+002	3.36500E-002	0.00000E+000	1.04880E+002
Skid Steer Loaders	5.91000E-003	1.29750E-001	1.86500E-001	2.50000E-004	4.20000E-003	4.20000E-003	0.00000E+000	2.15894E+001	2.15894E+001	6.98000E-003	0.00000E+000	2.17639E+001
Tractors/Loaders/Backhoes	7.37500E-002	1.54378E+000	2.73968E+000	3.63000E-003	-1.01000E-003	-4.30000E-004	0.00000E+000	3.20448E+002	3.20448E+002	1.03120E-001	0.00000E+000	3.23026E+002

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Percent Reduction											
Excavators	5.14575E-001	-2.10895E-001	-1.52721E-001	0.00000E+000	6.75573E-001	6.69087E-001	0.00000E+000	1.26491E-006	1.26491E-006	0.00000E+000	0.00000E+000	1.25476E-006
Graders	7.39234E-001	6.68205E-001	-1.04189E+000	0.00000E+000	9.35294E-001	9.29638E-001	0.00000E+000	1.40896E-006	1.40896E-006	0.00000E+000	0.00000E+000	1.11812E-006
Pavers	7.10037E-001	-4.10168E-002	-2.35662E-001	0.00000E+000	9.18307E-001	9.11135E-001	0.00000E+000	1.12102E-006	1.12102E-006	0.00000E+000	0.00000E+000	1.33443E-006
Paving Equipment	7.11783E-001	-7.96072E-002	-2.15380E-001	0.00000E+000	9.17995E-001	9.10891E-001	0.00000E+000	1.29372E-006	1.29372E-006	0.00000E+000	0.00000E+000	1.28334E-006
Rollers	6.31152E-001	3.11670E-001	-6.87385E-002	0.00000E+000	9.54635E-001	9.50697E-001	0.00000E+000	1.20500E-006	1.20500E-006	0.00000E+000	0.00000E+000	1.19534E-006
Rubber Tired Dozers	8.66695E-001	7.95873E-001	-1.17314E-001	0.00000E+000	9.73939E-001	9.71673E-001	0.00000E+000	1.19158E-006	1.19158E-006	0.00000E+000	0.00000E+000	1.19762E-006
Scrapers	6.96557E-001	5.51857E-001	-2.66976E-001	0.00000E+000	9.28755E-001	9.22555E-001	0.00000E+000	1.15342E-006	1.15342E-006	0.00000E+000	0.00000E+000	1.14417E-006
Skid Steer Loaders	3.21470E-001	-1.19017E-001	-1.29961E-001	0.00000E+000	8.09628E-002	2.37530E-003	0.00000E+000	1.38957E-006	1.38957E-006	0.00000E+000	0.00000E+000	1.37843E-006
Tractors/Loaders/Backhoes	6.83422E-001	3.43078E-001	-3.28398E-002	0.00000E+000	1.00700E+000	1.00324E+000	0.00000E+000	1.18584E-006	1.18584E-006	0.00000E+000	0.00000E+000	1.17638E-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
Yes	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph)	15.00		
No	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
CV Grading	Fugitive Dust	0.09	0.04	0.04	0.01	0.61	0.61
CV Grading	Roads	0.03	0.00	0.01	0.00	0.56	0.53
CV Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
CV Landscaping	Roads	0.04	0.00	0.02	0.00	0.55	0.53
CV Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
CV Paving	Roads	0.05	0.00	0.02	0.00	0.55	0.53
CV Site Prep	Fugitive Dust	0.20	0.11	0.08	0.04	0.61	0.61
CV Site Prep	Roads	0.04	0.00	0.02	0.00	0.56	0.53
CV Utilities	Fugitive Dust	1.18	0.65	0.46	0.25	0.61	0.61
CV Utilities	Roads	0.24	0.03	0.11	0.01	0.56	0.53
NV Grading	Fugitive Dust	0.15	0.06	0.06	0.02	0.61	0.61

NV Grading	Roads	0.06	0.01	0.03	0.00	0.56	0.53
NV Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
NV Landscaping	Roads	0.04	0.00	0.02	0.00	0.55	0.53
NV Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
NV Paving	Roads	0.05	0.00	0.02	0.00	0.55	0.53
NV Utilities	Fugitive Dust	1.19	0.66	0.47	0.26	0.61	0.61
NV Utilities	Roads	0.12	0.01	0.05	0.01	0.56	0.53
SCV Grading	Fugitive Dust	0.10	0.04	0.04	0.02	0.61	0.61
SCV Grading	Roads	0.04	0.00	0.02	0.00	0.56	0.53
SCV Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
SCV Landscaping	Roads	0.02	0.00	0.01	0.00	0.55	0.53
SCV Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
SCV Paving	Roads	0.05	0.00	0.02	0.00	0.55	0.53
SCV Site Prep	Fugitive Dust	0.19	0.10	0.07	0.04	0.61	0.61
SCV Site Prep	Roads	0.04	0.00	0.02	0.00	0.56	0.53
SCV Utilities	Fugitive Dust	2.33	1.28	0.91	0.50	0.61	0.61
SCV Utilities	Roads	0.24	0.02	0.11	0.01	0.56	0.53
SV Grading	Fugitive Dust	0.19	0.08	0.07	0.03	0.61	0.61
SV Grading	Roads	0.08	0.01	0.04	0.00	0.56	0.53
SV Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
SV Landscaping	Roads	0.11	0.01	0.05	0.01	0.55	0.53
SV Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
SV Paving	Roads	0.09	0.01	0.04	0.00	0.55	0.53
SV Site Prep	Fugitive Dust	0.21	0.11	0.08	0.04	0.61	0.61

SV Site Prep	Roads	0.04	0.00	0.02	0.00	0.56	0.53
SV Utilities	Fugitive Dust	2.37	1.30	0.92	0.51	0.61	0.61
SV Utilities	Roads	0.24	0.03	0.11	0.01	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	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value
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)	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 Sheet
Project Characteristics

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	Proctor Valley EIR - Offsite	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	1-Jul-19	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 Sheet
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**
SV Site Prep	Site Preperation	1-Jul-19	31-Jul-19	5 days/week	23
SV Grading	Grading	1-Aug-19	30-Sep-19	5 days/week	43
SV Utilities	Site Preperation	1-Oct-19	31-Mar-20	5 days/week	131
SV Paving	Paving	1-Apr-20	31-May-20	5 days/week	43
SV Landscaping	Site Preperation	1-May-20	30-Sep-20	5 days/week	109
SCV Site Prep	Site Preperation	1-Nov-20	30-Nov-20	5 days/week	21
SCV Grading	Grading	1-Dec-20	31-Dec-20	5 days/week	23
SCV Utilities	Site Preperation	1-Jan-21	30-Jun-21	5 days/week	129
SCV Paving	Paving	1-Jul-21	31-Jul-21	5 days/week	22
SCV Landscaping	Site Preperation	1-Aug-21	31-Aug-21	5 days/week	22
CV Site Prep	Site Preperation	1-Jun-22	30-Jun-22	5 days/week	22
CV Grading	Grading	1-Jul-22	31-Jul-22	5 days/week	21
CV Utilities	Site Preperation	1-Jul-22	31-Dec-22	5 days/week	131
CV Paving	Paving	1-Dec-22	31-Dec-22	5 days/week	22
CV Landscaping	Site Preperation	1-Jan-23	28-Feb-23	5 days/week	42
NV Grading	Grading	1-Apr-23	21-May-23	5 days/week	35
NV Utilities	Site Preperation	1-May-23	31-Jul-23	5 days/week	66
NV Paving	Paving	1-Jul-23	31-Jul-23	5 days/week	21
NV Landscaping	Site Preperation	1-Aug-23	30-Sep-23	5 days/week	44

CalEEMod Input Sheet
Construction Phase

Table 6: Off-Road Equipment					
Phase Name	**Equipment Type**	**Unit Amount**	**Hours/Day**	**Horsepower (hp)**	**Load Factor**
SV Site Prep	default				
SV Grading					
SV Utilities					
SV Paving					
SV Landscaping	Skid Steer	2	default		
SCV Site Prep	default				
SCV Grading					
SCV Utilities					
SCV Paving					
SCV Landscaping	Skid Steer	2	default		
CV Site Prep	default				
CV Grading					
CV Utilities					
CV Paving					
CV Landscaping	Skid Steer	2	default		
NV Grading	default				
NV Utilities					
NV Paving					
NV Landscaping	Skid Steer	2	default		

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					23.2	default	
SCV Grading						5.3		
CV Grading						7.2		
NV Grading						12.6		

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

CalEEMod Input Sheet
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**
SV Site Prep	Refer to Construction VMT Worksheet								
SV Grading									
SV Utilities									
SV Paving									
SV Landscaping									
SCV Site Prep									
SCV Grading									
SCV Utilities									
SCV Paving									
SCV Landscaping									
CV Site Prep									
CV Grading									
CV Utilities									
CV Paving									
CV Landscaping									
NV Grading									
NV Utilities									
NV Paving									
NV 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)**
SV Site Prep	default							
SV Grading								
SV Utilities								
SV Paving								
SV Landscaping								
SCV Site Prep								
SCV Grading								
SCV Utilities								
SCV Paving								
SCV Landscaping								
CV Site Prep								
CV Grading								
CV Utilities								
CV Paving								
CV Landscaping								
NV Grading								
NV Utilities								
NV Paving								
NV Landscaping								

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)**
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)**
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: 9/1/2017 4:54 PM

Proctor Valley Road
San Diego County, Annual

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	48.24	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**	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

Land Use - total graded area

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

Woodstoves - No operational emissions

Consumer Products - No operational emissions

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	15.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00
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
tblConstructionPhase	NumDays	55.00	21.00
tblConstructionPhase	NumDays	55.00	45.00
tblConstructionPhase	NumDays	55.00	22.00
tblConstructionPhase	NumDays	55.00	23.00
tblConstructionPhase	NumDays	30.00	22.00
tblConstructionPhase	NumDays	30.00	21.00
tblConstructionPhase	NumDays	30.00	20.00
tblConstructionPhase	NumDays	30.00	21.00
tblConstructionPhase	NumDays	30.00	19.00
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-11

tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblLandUse	LotAcreage	0.00	48.24
tblOffRoadEquipment	HorsePower	402.00	97.00
tblOffRoadEquipment	LoadFactor	0.38	0.37
tblOffRoadEquipment	OffRoadEquipmentType	Tractors/Loaders/Backhoes	Off-Highway Trucks
tblProjectCharacteristics	OperationalYear	2018	2022
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	23.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	23.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	23.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	23.00	4.00
tblTripsAndVMT	WorkerTripNumber	28.00	0.00
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.1006	1.0580	0.6334	1.1100e-003	0.3724	0.0541	0.4264	0.2041	0.0497	0.2539	0.0000	98.4169	98.4169	0.0306	0.0000	99.1816
2021	0.0296	0.3143	0.3404	5.9000e-004	2.9400e-003	0.0153	0.0182	8.1000e-004	0.0141	0.0149	0.0000	52.1962	52.1962	0.0150	0.0000	52.5723
2022	0.0350	0.3711	0.2380	4.6000e-004	0.1903	0.0177	0.2080	0.1044	0.0163	0.1207	0.0000	40.3001	40.3001	0.0127	0.0000	40.6170
2023	0.0819	0.8530	0.7718	1.4800e-003	0.3745	0.0387	0.4132	0.2047	0.0356	0.2403	0.0000	130.5420	130.5420	0.0397	0.0000	131.5354
Maximum	**0.1006**	**1.0580**	**0.7718**	**1.4800e-003**	**0.3745**	**0.0541**	**0.4264**	**0.2047**	**0.0497**	**0.2539**	**0.0000**	**130.5420**	**130.5420**	**0.0397**	**0.0000**	**131.5354**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0200	0.3976	0.6948	1.1100e-003	0.3724	2.8000e-003	0.3752	0.2041	2.8000e-003	0.2069	0.0000	98.4168	98.4168	0.0306	0.0000	99.1815
2021	8.8400e-003	0.2495	0.3998	5.9000e-004	2.9400e-003	9.0000e-004	3.8400e-003	8.1000e-004	9.0000e-004	1.7100e-003	0.0000	52.1961	52.1961	0.0150	0.0000	52.5722
2022	8.6400e-003	0.1563	0.2761	4.6000e-004	0.1903	1.6600e-003	0.1920	0.1044	1.6600e-003	0.1061	0.0000	40.3000	40.3000	0.0127	0.0000	40.6170
2023	0.0254	0.5468	0.9371	1.4800e-003	0.3745	4.1000e-003	0.3786	0.2047	4.1000e-003	0.2088	0.0000	130.5419	130.5419	0.0397	0.0000	131.5352
Maximum	**0.0254**	**0.5468**	**0.9371**	**1.4800e-003**	**0.3745**	**4.1000e-003**	**0.3786**	**0.2047**	**4.1000e-003**	**0.2088**	**0.0000**	**130.5419**	**130.5419**	**0.0397**	**0.0000**	**131.5352**

	ROG	**NOx**	**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	**74.58**	**47.99**	**-16.34**	**0.00**	**0.00**	**92.47**	**10.91**	**0.00**	**91.82**	**16.86**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**5-1-2020**	**7-31-2020**	0.1842	0.1283
7	**11-1-2021**	**1-31-2022**	0.3327	0.2499
11	**11-1-2022**	**1-31-2023**	0.1334	0.1240
14	**8-1-2023**	**9-30-2023**	0.1333	0.1239
		Highest	0.3327	0.2499

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.2000e-004	9.0000e-005	7.4300e-003	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0121	0.0121	1.0000e-005	0.0000	0.0124
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	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	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.2000e-004**	**9.0000e-005**	**7.4300e-003**	**0.0000**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.0121**	**0.0121**	**1.0000e-005**	**0.0000**	**0.0124**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.2000e-004	9.0000e-005	7.4300e-003	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0121	0.0121	1.0000e-005	0.0000	0.0124
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	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	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.2000e-004**	**9.0000e-005**	**7.4300e-003**	**0.0000**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.0121**	**0.0121**	**1.0000e-005**	**0.0000**	**0.0124**

	ROG	**NOx**	**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 Paving	Paving	5/1/2020	5/31/2020	5	21	
2	South Landscaping	Site Preparation	6/1/2020	6/30/2020	5	22	
3	Central Paving	Paving	11/1/2021	12/31/2021	5	45	
4	Central Landscaping	Site Preparation	1/1/2022	1/31/2022	5	21	
5	North Paving	Paving	1/1/2023	1/31/2023	5	22	
6	North Landscaping	Site Preparation	2/1/2023	2/28/2023	5	20	
7	PA 16/19 Paving	Paving	8/1/2023	8/31/2023	5	23	
8	PA 16/19 Landscaping	Site Preparation	9/1/2023	9/29/2023	5	21	
9	South PVR Haul	Site Preparation	9/4/2020	9/30/2020	5	19	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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
South Landscaping	Rubber Tired Dozers	3	8.00	247	0.40
South Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Central Landscaping	Rubber Tired Dozers	3	8.00	247	0.40
Central Paving	Pavers	2	8.00	130	0.42
Central Paving	Paving Equipment	2	8.00	132	0.36
Central Paving	Rollers	2	8.00	80	0.38
North Landscaping	Rubber Tired Dozers	3	8.00	247	0.40
Central Landscaping	Skid Steer Loaders	2	8.00	65	0.37
PA 16/19 Landscaping	Rubber Tired Dozers	3	8.00	247	0.40
North Paving	Pavers	2	8.00	130	0.42
North Paving	Paving Equipment	2	8.00	132	0.36
North Paving	Rollers	2	8.00	80	0.38
South PVR Haul	Rubber Tired Dozers	3	8.00	247	0.40
North Landscaping	Skid Steer Loaders	2	8.00	65	0.37
South Landscaping	Tractors/Loaders/Backhoes	4	8.00	97	0.37
PA 16/19 Paving	Pavers	2	8.00	130	0.42
PA 16/19 Paving	Paving Equipment	2	8.00	132	0.36
PA 16/19 Paving	Rollers	2	8.00	80	0.38
Central Landscaping	Tractors/Loaders/Backhoes	4	8.00	97	0.37
PA 16/19 Landscaping	Skid Steer Loaders	2	8.00	65	0.37
North Landscaping	Tractors/Loaders/Backhoes	4	8.00	97	0.37
PA 16/19 Landscaping	Tractors/Loaders/Backhoes	4	8.00	97	0.37
South PVR Haul	Off-Highway Trucks	4	8.00	97	0.37
South PVR Haul	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
South Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
South Landscaping	9	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Central Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Central Landscaping	9	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
North Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
North Landscaping	9	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
PA 16/19 Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
PA 16/19 Landscaping	9	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
South PVR Haul	11	0.00	0.00	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

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 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	tons/yr										MT/yr					
Off-Road	0.0142	0.1477	0.1539	2.4000e-004		7.9000e-003	7.9000e-003		7.2700e-003	7.2700e-003	0.0000	21.0296	21.0296	6.8000e-003	0.0000	21.1997
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0142**	**0.1477**	**0.1539**	**2.4000e-004**		**7.9000e-003**	**7.9000e-003**		**7.2700e-003**	**7.2700e-003**	**0.0000**	**21.0296**	**21.0296**	**6.8000e-003**	**0.0000**	**21.1997**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-004	0.0120	3.1800e-003	3.0000e-005	7.0000e-004	6.0000e-005	7.6000e-004	2.0000e-004	6.0000e-005	2.6000e-004	0.0000	2.7706	2.7706	2.1000e-004	0.0000	2.7759
Worker	3.1000e-004	2.3000e-004	2.2500e-003	1.0000e-005	6.7000e-004	0.0000	6.8000e-004	1.8000e-004	0.0000	1.8000e-004	0.0000	0.6089	0.6089	2.0000e-005	0.0000	0.6094
Total	**7.1000e-004**	**0.0122**	**5.4300e-003**	**4.0000e-005**	**1.3700e-003**	**6.0000e-005**	**1.4400e-003**	**3.8000e-004**	**6.0000e-005**	**4.4000e-004**	**0.0000**	**3.3795**	**3.3795**	**2.3000e-004**	**0.0000**	**3.3852**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.5100e-003	0.1054	0.1816	2.4000e-004		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	21.0296	21.0296	6.8000e-003	0.0000	21.1996
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.5100e-003**	**0.1054**	**0.1816**	**2.4000e-004**		**3.9000e-004**	**3.9000e-004**		**3.9000e-004**	**3.9000e-004**	**0.0000**	**21.0296**	**21.0296**	**6.8000e-003**	**0.0000**	**21.1996**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-004	0.0120	3.1800e-003	3.0000e-005	7.0000e-004	6.0000e-005	7.6000e-004	2.0000e-004	6.0000e-005	2.6000e-004	0.0000	2.7706	2.7706	2.1000e-004	0.0000	2.7759
Worker	3.1000e-004	2.3000e-004	2.2500e-003	1.0000e-005	6.7000e-004	0.0000	6.8000e-004	1.8000e-004	0.0000	1.8000e-004	0.0000	0.6089	0.6089	2.0000e-005	0.0000	0.6094
Total	**7.1000e-004**	**0.0122**	**5.4300e-003**	**4.0000e-005**	**1.3700e-003**	**6.0000e-005**	**1.4400e-003**	**3.8000e-004**	**6.0000e-005**	**4.4000e-004**	**0.0000**	**3.3795**	**3.3795**	**2.3000e-004**	**0.0000**	**3.3852**

3.3 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	tons/yr										MT/yr					
Fugitive Dust					0.1987	0.0000	0.1987	0.1092	0.0000	0.1092	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0466	0.4900	0.2672	4.6000e-004		0.0252	0.0252		0.0232	0.0232	0.0000	40.7687	40.7687	0.0132	0.0000	41.0984
Total	**0.0466**	**0.4900**	**0.2672**	**4.6000e-004**	**0.1987**	**0.0252**	**0.2239**	**0.1092**	**0.0232**	**0.1324**	**0.0000**	**40.7687**	**40.7687**	**0.0132**	**0.0000**	**41.0984**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7000e-004	5.0200e-003	1.3300e-003	1.0000e-005	2.9000e-004	2.0000e-005	3.2000e-004	8.0000e-005	2.0000e-005	1.1000e-004	0.0000	1.1610	1.1610	9.0000e-005	0.0000	1.1632
Worker	1.6000e-004	1.2000e-004	1.1800e-003	0.0000	3.5000e-004	0.0000	3.6000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.3190	0.3190	1.0000e-005	0.0000	0.3192
Total	**3.3000e-004**	**5.1400e-003**	**2.5100e-003**	**1.0000e-005**	**6.4000e-004**	**2.0000e-005**	**6.8000e-004**	**1.7000e-004**	**2.0000e-005**	**2.1000e-004**	**0.0000**	**1.4799**	**1.4799**	**1.0000e-004**	**0.0000**	**1.4824**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1987	0.0000	0.1987	0.1092	0.0000	0.1092	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.7800e-003	0.1594	0.2871	4.6000e-004		1.7300e-003	1.7300e-003		1.7300e-003	1.7300e-003	0.0000	40.7687	40.7687	0.0132	0.0000	41.0983
Total	**8.7800e-003**	**0.1594**	**0.2871**	**4.6000e-004**	**0.1987**	**1.7300e-003**	**0.2005**	**0.1092**	**1.7300e-003**	**0.1110**	**0.0000**	**40.7687**	**40.7687**	**0.0132**	**0.0000**	**41.0983**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7000e-004	5.0200e-003	1.3300e-003	1.0000e-005	2.9000e-004	2.0000e-005	3.2000e-004	8.0000e-005	2.0000e-005	1.1000e-004	0.0000	1.1610	1.1610	9.0000e-005	0.0000	1.1632
Worker	1.6000e-004	1.2000e-004	1.1800e-003	0.0000	3.5000e-004	0.0000	3.6000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.3190	0.3190	1.0000e-005	0.0000	0.3192
Total	**3.3000e-004**	**5.1400e-003**	**2.5100e-003**	**1.0000e-005**	**6.4000e-004**	**2.0000e-005**	**6.8000e-004**	**1.7000e-004**	**2.0000e-005**	**2.1000e-004**	**0.0000**	**1.4799**	**1.4799**	**1.0000e-004**	**0.0000**	**1.4824**

3.4 Central Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0283	0.2907	0.3297	5.1000e-004		0.0153	0.0153		0.0140	0.0140	0.0000	45.0528	45.0528	0.0146	0.0000	45.4171
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0283**	**0.2907**	**0.3297**	**5.1000e-004**		**0.0153**	**0.0153**		**0.0140**	**0.0140**	**0.0000**	**45.0528**	**45.0528**	**0.0146**	**0.0000**	**45.4171**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0000e-004	0.0231	6.1700e-003	6.0000e-005	1.4900e-003	5.0000e-005	1.5400e-003	4.3000e-004	5.0000e-005	4.8000e-004	0.0000	5.8824	5.8824	4.4000e-004	0.0000	5.8933
Worker	6.3000e-004	4.5000e-004	4.5000e-003	1.0000e-005	1.4400e-003	1.0000e-005	1.4500e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.2609	1.2609	4.0000e-005	0.0000	1.2618
Total	**1.3300e-003**	**0.0236**	**0.0107**	**7.0000e-005**	**2.9300e-003**	**6.0000e-005**	**2.9900e-003**	**8.1000e-004**	**6.0000e-005**	**8.7000e-004**	**0.0000**	**7.1433**	**7.1433**	**4.8000e-004**	**0.0000**	**7.1552**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.5200e-003	0.2259	0.3892	5.1000e-004		8.4000e-004	8.4000e-004		8.4000e-004	8.4000e-004	0.0000	45.0528	45.0528	0.0146	0.0000	45.4171
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**7.5200e-003**	**0.2259**	**0.3892**	**5.1000e-004**		**8.4000e-004**	**8.4000e-004**		**8.4000e-004**	**8.4000e-004**	**0.0000**	**45.0528**	**45.0528**	**0.0146**	**0.0000**	**45.4171**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0000e-004	0.0231	6.1700e-003	6.0000e-005	1.4900e-003	5.0000e-005	1.5400e-003	4.3000e-004	5.0000e-005	4.8000e-004	0.0000	5.8824	5.8824	4.4000e-004	0.0000	5.8933
Worker	6.3000e-004	4.5000e-004	4.5000e-003	1.0000e-005	1.4400e-003	1.0000e-005	1.4500e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.2609	1.2609	4.0000e-005	0.0000	1.2618
Total	**1.3300e-003**	**0.0236**	**0.0107**	**7.0000e-005**	**2.9300e-003**	**6.0000e-005**	**2.9900e-003**	**8.1000e-004**	**6.0000e-005**	**8.7000e-004**	**0.0000**	**7.1433**	**7.1433**	**4.8000e-004**	**0.0000**	**7.1552**

3.5 Central 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	tons/yr										MT/yr					
Fugitive Dust					0.1897	0.0000	0.1897	0.1043	0.0000	0.1043	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0348	0.3669	0.2360	4.4000e-004		0.0177	0.0177		0.0162	0.0162	0.0000	38.9290	38.9290	0.0126	0.0000	39.2438
Total	**0.0348**	**0.3669**	**0.2360**	**4.4000e-004**	**0.1897**	**0.0177**	**0.2074**	**0.1043**	**0.0162**	**0.1205**	**0.0000**	**38.9290**	**38.9290**	**0.0126**	**0.0000**	**39.2438**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	4.0800e-003	1.0900e-003	1.0000e-005	2.8000e-004	1.0000e-005	2.9000e-004	8.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.0877	1.0877	8.0000e-005	0.0000	1.0896
Worker	1.4000e-004	9.0000e-005	9.7000e-004	0.0000	3.4000e-004	0.0000	3.4000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2834	0.2834	1.0000e-005	0.0000	0.2836
Total	**2.6000e-004**	**4.1700e-003**	**2.0600e-003**	**1.0000e-005**	**6.2000e-004**	**1.0000e-005**	**6.3000e-004**	**1.7000e-004**	**1.0000e-005**	**1.8000e-004**	**0.0000**	**1.3711**	**1.3711**	**9.0000e-005**	**0.0000**	**1.3733**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1897	0.0000	0.1897	0.1043	0.0000	0.1043	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.3800e-003	0.1521	0.2740	4.4000e-004		1.6500e-003	1.6500e-003		1.6500e-003	1.6500e-003	0.0000	38.9289	38.9289	0.0126	0.0000	39.2437
Total	**8.3800e-003**	**0.1521**	**0.2740**	**4.4000e-004**	**0.1897**	**1.6500e-003**	**0.1914**	**0.1043**	**1.6500e-003**	**0.1059**	**0.0000**	**38.9289**	**38.9289**	**0.0126**	**0.0000**	**39.2437**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	4.0800e-003	1.0900e-003	1.0000e-005	2.8000e-004	1.0000e-005	2.9000e-004	8.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.0877	1.0877	8.0000e-005	0.0000	1.0896
Worker	1.4000e-004	9.0000e-005	9.7000e-004	0.0000	3.4000e-004	0.0000	3.4000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2834	0.2834	1.0000e-005	0.0000	0.2836
Total	**2.6000e-004**	**4.1700e-003**	**2.0600e-003**	**1.0000e-005**	**6.2000e-004**	**1.0000e-005**	**6.3000e-004**	**1.7000e-004**	**1.0000e-005**	**1.8000e-004**	**0.0000**	**1.3711**	**1.3711**	**9.0000e-005**	**0.0000**	**1.3733**

3.6 North Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0296	22.0296	7.1200e-003	0.0000	22.2077
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0114**	**0.1121**	**0.1604**	**2.5000e-004**		**5.6100e-003**	**5.6100e-003**		**5.1600e-003**	**5.1600e-003**	**0.0000**	**22.0296**	**22.0296**	**7.1200e-003**	**0.0000**	**22.2077**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	8.3900e-003	2.6000e-003	3.0000e-005	7.3000e-004	1.0000e-005	7.4000e-004	2.1000e-004	1.0000e-005	2.2000e-004	0.0000	2.7769	2.7769	1.9000e-004	0.0000	2.7816
Worker	2.7000e-004	1.8000e-004	1.8900e-003	1.0000e-005	7.1000e-004	0.0000	7.1000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5712	0.5712	1.0000e-005	0.0000	0.5716
Total	**5.1000e-004**	**8.5700e-003**	**4.4900e-003**	**4.0000e-005**	**1.4400e-003**	**1.0000e-005**	**1.4500e-003**	**4.0000e-004**	**1.0000e-005**	**4.1000e-004**	**0.0000**	**3.3481**	**3.3481**	**2.0000e-004**	**0.0000**	**3.3532**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.6700e-003	0.1104	0.1903	2.5000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	22.0295	22.0295	7.1200e-003	0.0000	22.2077
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.6700e-003**	**0.1104**	**0.1903**	**2.5000e-004**		**4.1000e-004**	**4.1000e-004**		**4.1000e-004**	**4.1000e-004**	**0.0000**	**22.0295**	**22.0295**	**7.1200e-003**	**0.0000**	**22.2077**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	8.3900e-003	2.6000e-003	3.0000e-005	7.3000e-004	1.0000e-005	7.4000e-004	2.1000e-004	1.0000e-005	2.2000e-004	0.0000	2.7769	2.7769	1.9000e-004	0.0000	2.7816
Worker	2.7000e-004	1.8000e-004	1.8900e-003	1.0000e-005	7.1000e-004	0.0000	7.1000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5712	0.5712	1.0000e-005	0.0000	0.5716
Total	**5.1000e-004**	**8.5700e-003**	**4.4900e-003**	**4.0000e-005**	**1.4400e-003**	**1.0000e-005**	**1.4500e-003**	**4.0000e-004**	**1.0000e-005**	**4.1000e-004**	**0.0000**	**3.3481**	**3.3481**	**2.0000e-004**	**0.0000**	**3.3532**

3.7 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	tons/yr										MT/yr					
Fugitive Dust					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0279	0.2925	0.2102	4.2000e-004		0.0133	0.0133		0.0122	0.0122	0.0000	37.0883	37.0883	0.0120	0.0000	37.3881
Total	**0.0279**	**0.2925**	**0.2102**	**4.2000e-004**	**0.1807**	**0.0133**	**0.1939**	**0.0993**	**0.0122**	**0.1115**	**0.0000**	**37.0883**	**37.0883**	**0.0120**	**0.0000**	**37.3881**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	3.0500e-003	9.5000e-004	1.0000e-005	2.7000e-004	0.0000	2.7000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	1.0098	1.0098	7.0000e-005	0.0000	1.0115
Worker	1.2000e-004	8.0000e-005	8.6000e-004	0.0000	3.2000e-004	0.0000	3.2000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2596	0.2596	1.0000e-005	0.0000	0.2598
Total	**2.1000e-004**	**3.1300e-003**	**1.8100e-003**	**1.0000e-005**	**5.9000e-004**	**0.0000**	**5.9000e-004**	**1.7000e-004**	**0.0000**	**1.7000e-004**	**0.0000**	**1.2694**	**1.2694**	**8.0000e-005**	**0.0000**	**1.2713**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.9900e-003	0.1449	0.2610	4.2000e-004		1.5700e-003	1.5700e-003		1.5700e-003	1.5700e-003	0.0000	37.0882	37.0882	0.0120	0.0000	37.3881
Total	**7.9900e-003**	**0.1449**	**0.2610**	**4.2000e-004**	**0.1807**	**1.5700e-003**	**0.1822**	**0.0993**	**1.5700e-003**	**0.1009**	**0.0000**	**37.0882**	**37.0882**	**0.0120**	**0.0000**	**37.3881**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	3.0500e-003	9.5000e-004	1.0000e-005	2.7000e-004	0.0000	2.7000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	1.0098	1.0098	7.0000e-005	0.0000	1.0115
Worker	1.2000e-004	8.0000e-005	8.6000e-004	0.0000	3.2000e-004	0.0000	3.2000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2596	0.2596	1.0000e-005	0.0000	0.2598
Total	**2.1000e-004**	**3.1300e-003**	**1.8100e-003**	**1.0000e-005**	**5.9000e-004**	**0.0000**	**5.9000e-004**	**1.7000e-004**	**0.0000**	**1.7000e-004**	**0.0000**	**1.2694**	**1.2694**	**8.0000e-005**	**0.0000**	**1.2713**

3.8 PA 16/19 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0119	0.1172	0.1677	2.6000e-004		5.8700e-003	5.8700e-003		5.4000e-003	5.4000e-003	0.0000	23.0309	23.0309	7.4500e-003	0.0000	23.2171
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0119**	**0.1172**	**0.1677**	**2.6000e-004**		**5.8700e-003**	**5.8700e-003**		**5.4000e-003**	**5.4000e-003**	**0.0000**	**23.0309**	**23.0309**	**7.4500e-003**	**0.0000**	**23.2171**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6000e-004	8.7700e-003	2.7200e-003	3.0000e-005	7.6000e-004	1.0000e-005	7.7000e-004	2.2000e-004	1.0000e-005	2.3000e-004	0.0000	2.9031	2.9031	2.0000e-004	0.0000	2.9081
Worker	2.9000e-004	1.9000e-004	1.9800e-003	1.0000e-005	7.4000e-004	1.0000e-005	7.4000e-004	2.0000e-004	0.0000	2.0000e-004	0.0000	0.5971	0.5971	2.0000e-005	0.0000	0.5975
Total	**5.5000e-004**	**8.9600e-003**	**4.7000e-003**	**4.0000e-005**	**1.5000e-003**	**2.0000e-005**	**1.5100e-003**	**4.2000e-004**	**1.0000e-005**	**4.3000e-004**	**0.0000**	**3.5003**	**3.5003**	**2.2000e-004**	**0.0000**	**3.5056**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.8400e-003	0.1155	0.1989	2.6000e-004		4.3000e-004	4.3000e-004		4.3000e-004	4.3000e-004	0.0000	23.0309	23.0309	7.4500e-003	0.0000	23.2171
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.8400e-003**	**0.1155**	**0.1989**	**2.6000e-004**		**4.3000e-004**	**4.3000e-004**		**4.3000e-004**	**4.3000e-004**	**0.0000**	**23.0309**	**23.0309**	**7.4500e-003**	**0.0000**	**23.2171**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6000e-004	8.7700e-003	2.7200e-003	3.0000e-005	7.6000e-004	1.0000e-005	7.7000e-004	2.2000e-004	1.0000e-005	2.3000e-004	0.0000	2.9031	2.9031	2.0000e-004	0.0000	2.9081
Worker	2.9000e-004	1.9000e-004	1.9800e-003	1.0000e-005	7.4000e-004	1.0000e-005	7.4000e-004	2.0000e-004	0.0000	2.0000e-004	0.0000	0.5971	0.5971	2.0000e-005	0.0000	0.5975
Total	**5.5000e-004**	**8.9600e-003**	**4.7000e-003**	**4.0000e-005**	**1.5000e-003**	**2.0000e-005**	**1.5100e-003**	**4.2000e-004**	**1.0000e-005**	**4.3000e-004**	**0.0000**	**3.5003**	**3.5003**	**2.2000e-004**	**0.0000**	**3.5056**

3.9 PA 16/19 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	tons/yr										MT/yr					
Fugitive Dust					0.1897	0.0000	0.1897	0.1043	0.0000	0.1043	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0293	0.3072	0.2207	4.4000e-004		0.0139	0.0139		0.0128	0.0128	0.0000	38.9427	38.9427	0.0126	0.0000	39.2575
Total	**0.0293**	**0.3072**	**0.2207**	**4.4000e-004**	**0.1897**	**0.0139**	**0.2036**	**0.1043**	**0.0128**	**0.1171**	**0.0000**	**38.9427**	**38.9427**	**0.0126**	**0.0000**	**39.2575**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	3.2000e-003	9.9000e-004	1.0000e-005	2.8000e-004	0.0000	2.8000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	1.0603	1.0603	7.0000e-005	0.0000	1.0621
Worker	1.3000e-004	9.0000e-005	9.0000e-004	0.0000	3.4000e-004	0.0000	3.4000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2726	0.2726	1.0000e-005	0.0000	0.2728
Total	**2.2000e-004**	**3.2900e-003**	**1.8900e-003**	**1.0000e-005**	**6.2000e-004**	**0.0000**	**6.2000e-004**	**1.7000e-004**	**0.0000**	**1.7000e-004**	**0.0000**	**1.3329**	**1.3329**	**8.0000e-005**	**0.0000**	**1.3349**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1897	0.0000	0.1897	0.1043	0.0000	0.1043	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.3800e-003	0.1521	0.2740	4.4000e-004		1.6500e-003	1.6500e-003		1.6500e-003	1.6500e-003	0.0000	38.9426	38.9426	0.0126	0.0000	39.2575
Total	**8.3800e-003**	**0.1521**	**0.2740**	**4.4000e-004**	**0.1897**	**1.6500e-003**	**0.1914**	**0.1043**	**1.6500e-003**	**0.1059**	**0.0000**	**38.9426**	**38.9426**	**0.0126**	**0.0000**	**39.2575**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	3.2000e-003	9.9000e-004	1.0000e-005	2.8000e-004	0.0000	2.8000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	1.0603	1.0603	7.0000e-005	0.0000	1.0621
Worker	1.3000e-004	9.0000e-005	9.0000e-004	0.0000	3.4000e-004	0.0000	3.4000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2726	0.2726	1.0000e-005	0.0000	0.2728
Total	**2.2000e-004**	**3.2900e-003**	**1.8900e-003**	**1.0000e-005**	**6.2000e-004**	**0.0000**	**6.2000e-004**	**1.7000e-004**	**0.0000**	**1.7000e-004**	**0.0000**	**1.3329**	**1.3329**	**8.0000e-005**	**0.0000**	**1.3349**

3.10 South PVR Haul - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1716	0.0000	0.1716	0.0943	0.0000	0.0943	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0387	0.4030	0.2044	3.6000e-004		0.0209	0.0209		0.0192	0.0192	0.0000	31.7592	31.7592	0.0103	0.0000	32.0159
Total	**0.0387**	**0.4030**	**0.2044**	**3.6000e-004**	**0.1716**	**0.0209**	**0.1925**	**0.0943**	**0.0192**	**0.1136**	**0.0000**	**31.7592**	**31.7592**	**0.0103**	**0.0000**	**32.0159**

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1716	0.0000	0.1716	0.0943	0.0000	0.0943	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.6200e-003	0.1155	0.2181	3.6000e-004		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	31.7591	31.7591	0.0103	0.0000	32.0159
Total	**6.6200e-003**	**0.1155**	**0.2181**	**3.6000e-004**	**0.1716**	**5.9000e-004**	**0.1722**	**0.0943**	**5.9000e-004**	**0.0949**	**0.0000**	**31.7591**	**31.7591**	**0.0103**	**0.0000**	**32.0159**

Mitigated Construction Off-Site

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

CalEEMod Version: CalEEMod.2016.3.1

Date: 9/1/2017 4:59 PM

Proctor Valley Road

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												
Central Landscaping	0.75	0.58	-0.16	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
Central Paving	0.70	0.21	-0.17	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
North Landscaping	0.71	0.50	-0.24	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00
North Paving	0.65	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
PA 16/19 Landscaping	0.71	0.50	-0.24	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00
PA 16/19 Paving	0.65	0.01	-0.18	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
South Landscaping	0.81	0.67	-0.07	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
South Paving	0.72	0.26	-0.17	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
South PVR Haul	0.83	0.71	-0.07	0.00	0.97	0.97	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
Pavers	Diesel	Tier 4 Interim	8	8	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	8	8	No Change	0.00
Rollers	Diesel	Tier 4 Interim	8	8	No Change	0.00
Off-Highway Trucks	Diesel	Tier 4 Interim	4	4	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	8	8	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Interim	15	15	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	20	20	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					
Pavers	2.52300E-002	2.60520E-001	3.21320E-001	5.20000E-004	1.25000E-002	1.15000E-002	0.00000E+000	4.58339E+001	4.58339E+001	1.48200E-002	0.00000E+000	4.62045E+001
Paving Equipment	2.06800E-002	2.04410E-001	2.82640E-001	4.50000E-004	1.00700E-002	9.26000E-003	0.00000E+000	3.97226E+001	3.97226E+001	1.28500E-002	0.00000E+000	4.00437E+001
Rollers	1.98200E-002	2.02750E-001	2.07730E-001	2.90000E-004	1.20700E-002	1.11000E-002	0.00000E+000	2.55865E+001	2.55865E+001	8.28000E-003	0.00000E+000	2.57933E+001
Rubber Tired Dozers	1.34860E-001	1.41225E+000	5.57970E-001	1.32000E-003	6.70100E-002	6.16500E-002	0.00000E+000	1.15933E+002	1.15933E+002	3.74900E-002	0.00000E+000	1.16870E+002
Skid Steer Loaders	5.89000E-003	7.83200E-002	1.16510E-001	1.70000E-004	2.94000E-003	2.70000E-003	0.00000E+000	1.52696E+001	1.52696E+001	4.94000E-003	0.00000E+000	1.53931E+001
Tractors/Loaders/ Backhoes	3.65100E-002	3.68920E-001	4.63900E-001	6.40000E-004	2.09200E-002	1.92400E-002	0.00000E+000	5.62857E+001	5.62857E+001	1.82000E-002	0.00000E+000	5.67408E+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					
Pavers	6.41000E-003	2.29810E-001	3.95500E-001	5.20000E-004	8.60000E-004	8.60000E-004	0.00000E+000	4.58339E+001	4.58339E+001	1.48200E-002	0.00000E+000	4.62044E+001
Paving Equipment	5.58000E-003	2.00010E-001	3.44210E-001	4.50000E-004	7.40000E-004	7.40000E-004	0.00000E+000	3.97225E+001	3.97225E+001	1.28500E-002	0.00000E+000	4.00437E+001
Rollers	6.55000E-003	1.27360E-001	2.20200E-001	2.90000E-004	4.80000E-004	4.80000E-004	0.00000E+000	2.55864E+001	2.55864E+001	8.28000E-003	0.00000E+000	2.57933E+001
Rubber Tired Dozers	2.15400E-002	3.47300E-001	6.99970E-001	1.32000E-003	2.15000E-003	2.15000E-003	0.00000E+000	1.15932E+002	1.15932E+002	3.74900E-002	0.00000E+000	1.16870E+002
Skid Steer Loaders	4.28000E-003	9.76300E-002	1.31830E-001	1.70000E-004	3.99000E-003	3.99000E-003	0.00000E+000	1.52696E+001	1.52696E+001	4.94000E-003	0.00000E+000	1.53931E+001
Tractors/Loaders/Backhoes	1.43400E-002	2.79050E-001	4.82470E-001	6.40000E-004	1.04000E-003	1.04000E-003	0.00000E+000	5.62856E+001	5.62856E+001	1.82000E-002	0.00000E+000	5.67407E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Percent Reduction											
Pavers	7.45937E-001	1.17880E-001	-2.30860E-001	0.00000E+000	9.31200E-001	9.25217E-001	0.00000E+000	1.30907E-006	1.30907E-006	0.00000E+000	0.00000E+000	1.29857E-006
Paving Equipment	7.30174E-001	2.15254E-002	-2.17839E-001	0.00000E+000	9.26514E-001	9.20086E-001	0.00000E+000	1.25873E-006	1.25873E-006	0.00000E+000	0.00000E+000	1.24863E-006
Rollers	6.69526E-001	3.71837E-001	-6.00298E-002	0.00000E+000	9.60232E-001	9.56757E-001	0.00000E+000	1.17250E-006	1.17250E-006	0.00000E+000	0.00000E+000	1.55079E-006
Rubber Tired Dozers	8.40279E-001	7.54080E-001	-2.54494E-001	0.00000E+000	9.67915E-001	9.65126E-001	0.00000E+000	1.12134E-006	1.12134E-006	0.00000E+000	0.00000E+000	1.19791E-006
Skid Steer Loaders	2.73345E-001	-2.46553E-001	-1.31491E-001	0.00000E+000	-3.57143E-001	-4.77778E-001	0.00000E+000	1.30979E-006	1.30979E-006	0.00000E+000	0.00000E+000	1.29929E-006
Tractors/Loaders/Backhoes	6.07231E-001	2.43603E-001	-4.00302E-002	0.00000E+000	9.50287E-001	9.45946E-001	0.00000E+000	1.24366E-006	1.24366E-006	0.00000E+000	0.00000E+000	1.05744E-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		
No	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
Central Landscaping	Fugitive Dust	0.19	0.10	0.19	0.10	0.00	0.00
Central Landscaping	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Central Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Central Paving	Roads	0.00	0.00	0.00	0.00	0.00	0.00
North Landscaping	Fugitive Dust	0.18	0.10	0.18	0.10	0.00	0.00
North Landscaping	Roads	0.00	0.00	0.00	0.00	0.00	0.00
North Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
North Paving	Roads	0.00	0.00	0.00	0.00	0.00	0.00
PA 16/19 Landscaping	Fugitive Dust	0.19	0.10	0.19	0.10	0.00	0.00
PA 16/19 Landscaping	Roads	0.00	0.00	0.00	0.00	0.00	0.00
PA 16/19 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
PA 16/19 Paving	Roads	0.00	0.00	0.00	0.00	0.00	0.00
South Landscaping	Fugitive Dust	0.20	0.11	0.20	0.11	0.00	0.00
South Landscaping	Roads	0.00	0.00	0.00	0.00	0.00	0.00
South Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
South Paving	Roads	0.00	0.00	0.00	0.00	0.00	0.00
South PVR Haul	Fugitive Dust	0.17	0.09	0.17	0.09	0.00	0.00
South PVR Haul	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	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 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	1-May-20	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**
South Paving	Paving	1-May-20	31-May-20	5 days/week	21
South Landscaping	Site Prep	1-Jun-20	30-Jun-20	5 days/week	22
Central Paving	Paving	1-Nov-21	31-Dec-21	5 days/week	45
Central Landscaping	Site Prep	1-Jan-22	31-Jan-22	5 days/week	21
North Paving	Paving	1-Jan-23	31-Jan-23	5 days/week	22
North Landscaping	Site Prep	1-Feb-23	28-Feb-23	5 days/week	20
PA 16/19 Paving	Paving	1-Aug-23	31-Aug-23	5 days/week	23
PA 16/19 Landscaping	Site Prep	1-Sep-23	30-Sep-23	5 days/week	21
South Haul	Site Prep	4-Sep-20	30-Sep-20	5 days/week	19

Table 6: Off-Road Equipment					
Phase Name	**Equipment Type**	**Unit Amount**	**Hours/Day**	**Horsepower (hp)**	**Load Factor**
South Paving	default				
South Landscaping	Skid Steer	2	default		
Central Paving	default				
Central Landscaping	Skid Steer	2	default		
North Paving	default				
North Landscaping	Skid Steer	2	default		
PA 16/19 Paving	default				
PA 16/19 Landscaping	Skid Steer	2	default		
South Haul	Off-highway Trucks	4	8	default	

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)**
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.2016.3.2

Date: 12/21/2017 1:46 PM

PV Valley Road North additional bike lanes - San Diego County, Annual

PV Valley Road North additional bike lanes

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	65.00	1000sqft	1.49	65,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2019
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 - Applicant Provided Information

Off-road Equipment - Applicant provided information

Architectural Coating - SDAPCD RULE 67.0.1

Construction Off-road Equipment Mitigation - mitigation

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
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 Final
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
tblConstructionPhase	NumDays	10.00	2.00
tblConstructionPhase	NumDays	4.00	2.00
tblConstructionPhase	NumDays	10.00	5.00
tblGrading	AcresOfGrading	1.00	1.50
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	UsageHours	6.00	8.00

tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	WorkerTripNumber	20.00	15.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.0167	0.0552	0.0621	1.1000e-004	7.2800e-003	2.6900e-003	9.9700e-003	3.5200e-003	2.4900e-003	6.0100e-003	0.0000	9.2052	9.2052	2.7800e-003	0.0000	9.2746
Maximum	**0.0167**	**0.0552**	**0.0621**	**1.1000e-004**	**7.2800e-003**	**2.6900e-003**	**9.9700e-003**	**3.5200e-003**	**2.4900e-003**	**6.0100e-003**	**0.0000**	**9.2052**	**9.2052**	**2.7800e-003**	**0.0000**	**9.2746**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.0128	0.0330	0.0728	1.1000e-004	3.1200e-003	1.7000e-004	3.2900e-003	1.4500e-003	1.6000e-004	1.6100e-003	0.0000	9.2052	9.2052	2.7800e-003	0.0000	9.2746
Maximum	**0.0128**	**0.0330**	**0.0728**	**1.1000e-004**	**3.1200e-003**	**1.7000e-004**	**3.2900e-003**	**1.4500e-003**	**1.6000e-004**	**1.6100e-003**	**0.0000**	**9.2052**	**9.2052**	**2.7800e-003**	**0.0000**	**9.2746**

	ROG	**NOx**	**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	**23.36**	**40.19**	**-17.35**	**0.00**	**57.14**	**93.68**	**67.00**	**58.81**	**93.57**	**73.21**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	**Start Date**	**End Date**	**Maximum Unmitigated ROG + NOX (tons/quarter)**	**Maximum Mitigated ROG + NOX (tons/quarter)**
1	**6-1-2022**	**8-31-2022**	0.0164	0.0085
		Highest	0.0164	0.0085

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	6.5200e-003	1.0000e-005	6.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1600e-003	1.1600e-003	0.0000	0.0000	1.2400e-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	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	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.5200e-003**	**1.0000e-005**	**6.0000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**1.1600e-003**	**1.1600e-003**	**0.0000**	**0.0000**	**1.2400e-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	tons/yr										MT/yr					
Area	6.5200e-003	1.0000e-005	6.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.1600e-003	1.1600e-003	0.0000	0.0000	1.2400e-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	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	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.5200e-003**	**1.0000e-005**	**6.0000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**1.1600e-003**	**1.1600e-003**	**0.0000**	**0.0000**	**1.2400e-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	6/16/2022	6/17/2022	5	2	
2	Paving	Paving	11/5/2022	11/11/2022	5	5	
3	Architectural Coating	Architectural Coating	11/12/2022	11/15/2022	5	2	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 1.49

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 3,900

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	15.00	0.00	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

3.2 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.8200e-003	0.0000	6.8200e-003	3.4000e-003	0.0000	3.4000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9900e-003	0.0210	0.0163	3.0000e-005		9.4000e-004	9.4000e-004		8.6000e-004	8.6000e-004	0.0000	2.7858	2.7858	9.0000e-004	0.0000	2.8083
Total	**1.9900e-003**	**0.0210**	**0.0163**	**3.0000e-005**	**6.8200e-003**	**9.4000e-004**	**7.7600e-003**	**3.4000e-003**	**8.6000e-004**	**4.2600e-003**	**0.0000**	**2.7858**	**2.7858**	**9.0000e-004**	**0.0000**	**2.8083**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-005	3.0000e-005	3.5000e-004	0.0000	1.2000e-004	0.0000	1.2000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.1012	0.1012	0.0000	0.0000	0.1013
Total	**5.0000e-005**	**3.0000e-005**	**3.5000e-004**	**0.0000**	**1.2000e-004**	**0.0000**	**1.2000e-004**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**0.0000**	**0.1012**	**0.1012**	**0.0000**	**0.0000**	**0.1013**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.6600e-003	0.0000	2.6600e-003	1.3200e-003	0.0000	1.3200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.1000e-004	0.0113	0.0206	3.0000e-005		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	2.7858	2.7858	9.0000e-004	0.0000	2.8083
Total	**5.1000e-004**	**0.0113**	**0.0206**	**3.0000e-005**	**2.6600e-003**	**5.0000e-005**	**2.7100e-003**	**1.3200e-003**	**5.0000e-005**	**1.3700e-003**	**0.0000**	**2.7858**	**2.7858**	**9.0000e-004**	**0.0000**	**2.8083**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-005	3.0000e-005	3.5000e-004	0.0000	1.2000e-004	0.0000	1.2000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.1012	0.1012	0.0000	0.0000	0.1013
Total	**5.0000e-005**	**3.0000e-005**	**3.5000e-004**	**0.0000**	**1.2000e-004**	**0.0000**	**1.2000e-004**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**0.0000**	**0.1012**	**0.1012**	**0.0000**	**0.0000**	**0.1013**

3.3 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	tons/yr										MT/yr					
Off-Road	3.2800e-003	0.0327	0.0426	7.0000e-005		1.6700e-003	1.6700e-003		1.5400e-003	1.5400e-003	0.0000	5.7760	5.7760	1.8500e-003	0.0000	5.8222
Paving	1.9500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.2300e-003**	**0.0327**	**0.0426**	**7.0000e-005**		**1.6700e-003**	**1.6700e-003**		**1.5400e-003**	**1.5400e-003**	**0.0000**	**5.7760**	**5.7760**	**1.8500e-003**	**0.0000**	**5.8222**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-004	8.0000e-005	8.7000e-004	0.0000	3.0000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2531	0.2531	1.0000e-005	0.0000	0.2532
Total	**1.2000e-004**	**8.0000e-005**	**8.7000e-004**	**0.0000**	**3.0000e-004**	**0.0000**	**3.0000e-004**	**8.0000e-005**	**0.0000**	**8.0000e-005**	**0.0000**	**0.2531**	**0.2531**	**1.0000e-005**	**0.0000**	**0.2532**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.0100e-003	0.0206	0.0491	7.0000e-005		1.1000e-004	1.1000e-004		1.1000e-004	1.1000e-004	0.0000	5.7760	5.7760	1.8500e-003	0.0000	5.8222
Paving	1.9500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.9600e-003**	**0.0206**	**0.0491**	**7.0000e-005**		**1.1000e-004**	**1.1000e-004**		**1.1000e-004**	**1.1000e-004**	**0.0000**	**5.7760**	**5.7760**	**1.8500e-003**	**0.0000**	**5.8222**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-004	8.0000e-005	8.7000e-004	0.0000	3.0000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2531	0.2531	1.0000e-005	0.0000	0.2532
Total	**1.2000e-004**	**8.0000e-005**	**8.7000e-004**	**0.0000**	**3.0000e-004**	**0.0000**	**3.0000e-004**	**8.0000e-005**	**0.0000**	**8.0000e-005**	**0.0000**	**0.2531**	**0.2531**	**1.0000e-005**	**0.0000**	**0.2532**

3.4 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	tons/yr										MT/yr					
Archit. Coating	9.0400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0000e-004	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	**9.2400e-003**	**1.4100e-003**	**1.8100e-003**	**0.0000**		**8.0000e-005**	**8.0000e-005**		**8.0000e-005**	**8.0000e-005**	**0.0000**	**0.2553**	**0.2553**	**2.0000e-005**	**0.0000**	**0.2557**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	1.0000e-005	1.2000e-004	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0337	0.0337	0.0000	0.0000	0.0338
Total	**2.0000e-005**	**1.0000e-005**	**1.2000e-004**	**0.0000**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0337**	**0.0337**	**0.0000**	**0.0000**	**0.0338**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	9.0400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.0000e-005	1.0600e-003	1.8300e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	**9.0900e-003**	**1.0600e-003**	**1.8300e-003**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.2553**	**0.2553**	**2.0000e-005**	**0.0000**	**0.2557**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-005	1.0000e-005	1.2000e-004	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0337	0.0337	0.0000	0.0000	0.0338
Total	**2.0000e-005**	**1.0000e-005**	**1.2000e-004**	**0.0000**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0337**	**0.0337**	**0.0000**	**0.0000**	**0.0338**

CalEEMod Version: CalEEMod.2016.3.2

Date: 12/21/2017 1:30 PM

PV Valley Road North additional bike lanes

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
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	3	No Change	0.00
Cement and Mortar Mixers	Diesel	No Change	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	2.00000E-004	1.41000E-003	1.81000E-003	0.00000E+000	8.00000E-005	8.00000E-005	0.00000E+000	2.55330E-001	2.55330E-001	2.00000E-005	0.00000E+000	2.55740E-001
Cement and Mortar Mixers	1.10000E-004	6.90000E-004	5.80000E-004	0.00000E+000	3.00000E-005	3.00000E-005	0.00000E+000	8.59300E-002	8.59300E-002	1.00000E-005	0.00000E+000	8.61500E-002
Excavators	4.00000E-004	3.55000E-003	6.51000E-003	1.00000E-005	1.70000E-004	1.60000E-004	0.00000E+000	9.07210E-001	9.07210E-001	2.90000E-004	0.00000E+000	9.14550E-001
Graders	4.10000E-004	5.26000E-003	1.72000E-003	1.00000E-005	1.70000E-004	1.50000E-004	0.00000E+000	5.81760E-001	5.81760E-001	1.90000E-004	0.00000E+000	5.86460E-001
Pavers	1.03000E-003	1.04900E-002	1.44200E-002	2.00000E-005	5.00000E-004	4.60000E-004	0.00000E+000	2.06502E+000	2.06502E+000	6.70000E-004	0.00000E+000	2.08171E+000
Paving Equipment	8.90000E-004	8.69000E-003	1.27300E-002	2.00000E-005	4.20000E-004	3.90000E-004	0.00000E+000	1.78928E+000	1.78928E+000	5.80000E-004	0.00000E+000	1.80375E+000
Rollers	8.30000E-004	8.63000E-003	9.30000E-003	1.00000E-005	5.00000E-004	4.60000E-004	0.00000E+000	1.15260E+000	1.15260E+000	3.70000E-004	0.00000E+000	1.16191E+000
Rubber Tired Dozers	8.40000E-004	8.79000E-003	3.58000E-003	1.00000E-005	4.20000E-004	3.80000E-004	0.00000E+000	7.50270E-001	7.50270E-001	2.40000E-004	0.00000E+000	7.56340E-001
Tractors/Loaders/Backhoes	7.40000E-004	7.54000E-003	1.00700E-002	1.00000E-005	4.10000E-004	3.70000E-004	0.00000E+000	1.22976E+000	1.22976E+000	4.00000E-004	0.00000E+000	1.23970E+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	2.00000E-004	1.41000E-003	1.81000E-003	0.00000E+000	8.00000E-005	8.00000E-005	0.00000E+000	2.55330E-001	2.55330E-001	2.00000E-005	0.00000E+000	2.55740E-001
Cement and Mortar Mixers	1.10000E-004	6.90000E-004	5.80000E-004	0.00000E+000	3.00000E-005	3.00000E-005	0.00000E+000	8.59300E-002	8.59300E-002	1.00000E-005	0.00000E+000	8.61500E-002
Excavators	4.00000E-004	3.55000E-003	6.51000E-003	1.00000E-005	1.70000E-004	1.60000E-004	0.00000E+000	9.07210E-001	9.07210E-001	2.90000E-004	0.00000E+000	9.14550E-001
Graders	4.10000E-004	5.26000E-003	1.72000E-003	1.00000E-005	1.70000E-004	1.50000E-004	0.00000E+000	5.81760E-001	5.81760E-001	1.90000E-004	0.00000E+000	5.86460E-001
Pavers	1.03000E-003	1.04900E-002	1.44200E-002	2.00000E-005	5.00000E-004	4.60000E-004	0.00000E+000	2.06501E+000	2.06501E+000	6.70000E-004	0.00000E+000	2.08171E+000
Paving Equipment	8.90000E-004	8.69000E-003	1.27300E-002	2.00000E-005	4.20000E-004	3.90000E-004	0.00000E+000	1.78928E+000	1.78928E+000	5.80000E-004	0.00000E+000	1.80374E+000
Rollers	8.30000E-004	8.63000E-003	9.30000E-003	1.00000E-005	5.00000E-004	4.60000E-004	0.00000E+000	1.15259E+000	1.15259E+000	3.70000E-004	0.00000E+000	1.16191E+000
Rubber Tired Dozers	8.40000E-004	8.79000E-003	3.58000E-003	1.00000E-005	4.20000E-004	3.80000E-004	0.00000E+000	7.50270E-001	7.50270E-001	2.40000E-004	0.00000E+000	7.56340E-001
Tractors/Loaders/Backhoes	7.40000E-004	7.54000E-003	1.00700E-002	1.00000E-005	4.10000E-004	3.70000E-004	0.00000E+000	1.22976E+000	1.22976E+000	4.00000E-004	0.00000E+000	1.23970E+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	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
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	4.84257E-006	4.84257E-006	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	5.54401E-006
Rollers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	8.67604E-006	8.67604E-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
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	
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 %	0.00	Vehicle Speed (mph)	0.00		
No	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	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 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	15-Jun-22	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	15-Jun-22	17-Jun-22	5 days/week	3
Paving	Paving	5-Nov-22	11-Nov-22	5 days/week	5
Arch Coating	Arch Coating	12-Nov-22	15-Nov-22	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)**
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
Construction – Vendor Truck and Worker Vehicle Trip Estimates for Building Construction Phases

South Residential

Vendor and Worker Trip Calculator

For Multiple CalEEMod Building Construction Phases

Land Use	Rate Metric	Worker Trip Rate	Vendor Trip Rate
Residential Single Family	Daily trips per DU	0.36	0.1069
Residential Multi-Family	Daily trips per DU	0.72	0.1069
Commercial/Retail	1,000 SF	0.32	0.1639
Office/Industrial	1,000 SF	0.42	0.1639

Equipment	1.25

Single Family Residential	Phase	Dwelling Units	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)	Vendor Truck Trips Estimated	Vendor Truck Trips Rounded	Vendor Truck Trips Assumed (Even)
South	1	80	28.80	29	**30**	8.55	9	**10**
	2	56	20.16	20	**20**	5.99	6	**6**
	3	56	20.16	20	**20**	5.99	6	**6**
	4	56	20.16	20	**20**	5.99	6	**6**
	5	56	20.16	20	**20**	5.99	6	**6**
	6	35	12.60	13	**14**	3.74	4	**4**
	7	13	4.68	5	**6**	1.39	1	**2**
Total				*127*	**130**		*38*	**40**

Phase	Pieces of Equipment	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)
Site Preparation	8	10.00	10	**10**
Grading	8	10.00	10	**10**
Utilities and Slope Landscaping	2	2.50	3	**4**
Paving (all)	6	7.50	8	**8**

South Residential

Single Family Residential	Phase	*Architectural Coating Workers (20%)*	*Architectural Coating Worker Trips Rounded*	*Architectural Coating Worker Trips Assumed (Even)*
South	1	5.76	6	**6**
	2	4.032	4	**4**
	3	4.032	4	**4**
	4	4.032	4	**4**
	5	4.032	4	**4**
	6	2.52	3	**4**
	7	0.936	1	**2**
		0	*26*	**28**

South Non-Residential

Vendor and Worker Trip Calculator

For Multiple CalEEMod Building Construction Phases

Land Use	Rate Metric	Worker Trip Rate	Vendor Trip Rate
Residential Single Family	Daily trips per DU	0.36	0.1069
Residential Multi-Family	Daily trips per DU	0.72	0.1069
Commercial/Retail	Daily Trips per 1,000 SF	0.32	0.1639
Office/Industrial	Daily Trips per 1,000 SF	0.42	0.1639

Equipment	1.25

Phase	Pieces of Equipment	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)
Site Preparation - Swimming Pool	2	2.50	3	4
Grading - Swimming Pool	4	5.00	5	6
Building Construction - Swimming Pool	4	5.00	5	6
Paving - Swimming Pool	7	8.75	9	10
Architectural Coating - Swimming Pool	N/A	1.00	1	2
Site Preparation - Park	3	3.75	4	4
Landscaping	2	2.50	3	4
Grading - Park	4	5.00	5	6
Building Construction - Park	3	3.75	4	4
Paving - Park	7	8.75	9	10
Architectural Coating - Park	N/A	0.75	1	2
Note: Arch Coating is based off 20% of building construction, not equipment				

Central Residential

Vendor and Worker Trip Calculator

For Multiple CalEEMod Building Construction Phases

Land Use	Rate Metric	Worker Trip Rate	Vendor Trip Rate
Residential Single Family	DU	0.36	0.1069
Residential Multi-Family	DU	0.72	0.1069
Commercial/Retail	Daily Trips per 1,000 SF	0.32	0.1639
Office/Industrial	Daily Trips per 1,000 SF	0.42	0.1639

Equipment	1.25

Single Family Residential	Phase	Dwelling Units	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)	Vendor Truck Trips Estimated	Vendor Truck Trips Rounded	Vendor Truck Trips Assumed (Even)
Central Village	1	46	16.56	17	**18**	4.92	5	**6**
	2	45	16.20	16	**16**	4.81	5	**6**
	3	56	20.16	20	**20**	5.99	6	**6**
	4	41	14.76	15	**16**	4.38	4	**4**
	5	80	28.80	29	**30**	8.55	9	**10**
	6	75	27.00	27	**28**	8.02	8	**8**
	7	24	8.64	9	**10**	2.57	3	**4**
	8	24	8.64	9	**10**	2.57	3	**4**
	9	24	8.64	9	**10**	2.57	3	**4**
	10	20	7.20	7	**8**	2.14	2	**2**
	11 (School)	97	34.92	35	**36**	10.37	10	**10**
Total				*193*	**202**		*58*	**64**

Central Residential

Phase	Pieces of Equipment	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)
Site Preparation	5	6.25	6	**6**
Grading	8	10.00	10	**10**
Paving (all)	6	7.50	8	**8**
Utilities	2	2.50	3	**4**
Slope Landscaping	3	3.75	4	**4**

Central Residential

Single Family Residential	Phase	*Architectural Coating Workers (20%)*	*Architectural Coating Worker Trips Rounded*	Architectural Coating Worker Trips Assumed (Even)
Central Village	1	3.312	3	**4**
	2	3.24	3	**4**
	3	4.032	4	**4**
	4	2.952	3	**4**
	5	5.76	6	**6**
	6	5.4	5	**6**
	7	1.728	2	**2**
	8	1.728	2	**2**
	9	1.728	2	**2**
	10	1.44	1	**2**
	11 (School)	6.984	7	**8**
		0	*38*	**44**

Central Non-Residential

Vendor and Worker Trip Calculator

For Multiple CalEEMod Building Construction Phases

Land Use	Rate Metric	Worker Trip Rate	Vendor Trip Rate
Residential Single Family	Daily trips per DU	0.36	0.1069
Residential Multi-Family	Daily trips per DU	0.72	0.1069
Commercial/Retail	Daily Trips per 1,000 SF	0.32	0.1639
Office/Industrial	Daily Trips per 1,000 SF	0.42	0.1639

Equipment	1.25

Phase	Pieces of Equipment	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)
Site Preparation - City Park (P1 Village Green)	6	7.50	8	**8**
Grading- City Park (P1 Village Green)	7	8.75	9	**10**
Landscaping - City Park (P1 Village Green)	2	2.50	3	**4**
Site Preparation - City Park (P2 Village Green)	2	2.50	3	**4**
Grading -City Park (P2 Village Green)	4	5.00	5	**6**
Building Construction -City Park (P2 Village Green)	3	3.75	4	**4**
Paving - City Park (P2 Village Green)	7	8.75	9	**10**
Architectural Coating -City Park (P2 Village Green)	N/A	0.75	1	**2**
Site Preparation - City Park (P3 Scenic)	2	2.50	3	**4**
Grading - City Park (P3 Scenic)	4	5.00	5	**6**
Building Construction - City Park (P3 Scenic)	3	3.75	4	**4**
Paving - City Park (P3 Scenic)	7	8.75	9	**10**
Architectural Coating - City Park (P3 Scenic)	N/A	0.75	1	**2**
Site Preparation - City Park (P4 Scenic)	7	8.75	9	**10**
Grading - City Park (P4 Scenic)	7	8.75	9	**10**
Landscaping - City Park (P4 Scenic)	2	2.50	3	**4**
Site Preparation - User Defined (Fire Station)	3	3.75	4	**4**
Grading - User Defined (Fire Station)	4	5.00	5	**6**
Building Construction - User Defined (Fire Station)	8	10.00	10	**10**
Paving - User Defined (Fire Station)	6	7.50	8	**8**
Architectural Coating - User Defined (Fire Station)	N/A	2.00	2	**2**
Landscaping - User Defined (Fire Station)	2	2.50	3	**4**

Central Non-Residential

Site Preparation - User Defined (Retail Commercial Mix)	3	3.75	4	**4**
Grading - User Defined (Retail Commercial Mix)	3	3.75	4	**4**
Building Construction - User Defined (Retail Commercial Mix)	7	8.75	9	**10**
Paving - User Defined (Retail Commercial Mix)	5	6.25	6	**6**
Architectural Coating - User Defined (Retail Commercial Mix)	N/A	1.75	2	**2**
Site Preparation - Recreational Swimming Pool	3	3.75	4	**4**
Grading- Recreational Swimming Pool	3	3.75	4	**4**
Building Construction- Recreational Swimming Pool	7	8.75	9	**10**
Architectural Coating - Recreational Swimming Pool	1	1.75	2	**2**
Landscaping- Recreational Swimming Pool	2	2.50	3	**4**
Site Preparation - City Park (Private Park Central)	7	8.75	9	**10**
Grading - City Park (Private Park Central)	6	7.50	8	**8**
Landscaping - City Park (Private Park Central)	2	2.50	3	**4**
Note: Arch Coating is based off 20% of building construction, not equipment				

North Residential

Vendor and Worker Trip Calculator

For Multiple CalEEMod Building Construction Phases

Land Use	Rate Metric	Worker Trip Rate	Vendor Trip Rate
Residential Single Family	Daily trips per DU	0.36	0.1069
Residential Multi-Family	Daily trips per DU	0.72	0.1069
Commercial/Retail	Daily Trips per 1,000 SF	0.32	0.1639
Office/Industrial	Daily Trips per 1,000 SF	0.42	0.1639

Equipment	1.25

Single Family Residential	Phase	Dwelling Units	DUs	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)	Vendor Truck Trips Estimated	Vendor Truck Trips Rounded	Vendor Truck Trips Assumed (Even)
North	1	18	18	6.48	6	**6**	1.92	2	**2**
	2	15	15	5.40	5	**6**	1.60	2	**2**
	3	20	20	7.20	7	**8**	2.14	2	**2**
	4	20	20	7.20	7	**8**	2.14	2	**2**
	5	21	21	7.56	8	**8**	2.24	2	**2**
	6	8	8	2.88	3	**4**	0.86	1	**2**
	7	8	8	2.88	3	**4**	0.86	1	**2**
Total				**39.60**	*39*	**44**		*12*	**14**

Construction Phase	Pieces of Equipment	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)
Site Preparation	5	6.25	6	**6**
Grading	8	10.00	10	**10**
Utilities	2	2.50	3	**4**
Internal Open Space Landscaping	2	2.50	3	**4**
Paving (all)	3	3.75	4	**4**

North Residential

Single Family Residential	Phase	*Architectural Coating Workers (20%)*	*Architectural Coating Worker Trips Rounded*	*Architectural Coating Worker Trips Assumed (Even)*
North	1	1.296	1	2
	2	1.08	1	2
	3	1.44	1	2
	4	1.44	1	2
	5	1.512	2	2
	6	0.576	1	2
	7	0.576	1	2
		7.9	*8*	**14**

Vendor and Worker Trip Calculator

For Multiple CalEEMod Building Construction Phases

Land Use	Rate Metric	Worker Trip Rate	Vendor Trip Rate
Residential Single Family	Daily trips per DU	0.36	0.1069
Residential Multi-Family	Daily trips per DU	0.72	0.1069
Commercial/Retail	Daily Trips per 1,000 SF	0.32	0.1639
Office/Industrial	Daily Trips per 1,000 SF	0.42	0.1639

Equipment	1.25

Phase	Pieces of Equipment	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)
Architectural Coating - Swimming Pool	2	2.50	3	**4**
Building Construction - Swimming Pool	5	6.25	6	**6**
Grading - Park	4	5.00	5	**6**
Grading - Swimming Pool	4	5.00	5	**6**
Landscaping	2	2.50	3	**4**
Site Preparation - Park	3	3.75	4	**4**
Site Preparation - Swimming Pool	2	2.50	3	**4**
Note: Arch Coating is based off 20% of building construction, not equipment				

Planning Areas 16/19 Residential

Vendor and Worker Trip Calculator

For Multiple CalEEMod Building Construction Phases

Land Use	Rate Metric	Worker Trip Rate	Vendor Trip Rate
Residential Single Family	Daily trips per DU	0.36	0.1069
Residential Multi-Family	Daily trips per DU	0.72	0.1069
Commercial/Retail	Daily Trips per 1,000 SF	0.32	0.1639
Office/Industrial	Daily Trips per 1,000 SF	0.42	0.1639

Equipment	1.25

Single Family Residential	Phase	Dwelling Units	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)	Vendor Truck Trips Estimated	Vendor Truck Trips Rounded	Vendor Truck Trips Assumed (Even)
P16-19	1	13	4.68	5	**6**	1.39	1	**2**
	2	9	3.24	3	**4**	0.96	1	**2**
	3	9	3.24	3	**4**	0.96	1	**2**
	4	22	7.92	8	**8**	2.35	2	**2**
	5	22	7.92	8	**8**	2.35	2	**2**
	6	9	3.24	3	**4**	0.96	1	**2**
	7	9	3.24	3	**4**	0.96	1	**2**
	8	22	7.92	8	**8**	2.35	2	**2**
	9	10	3.60	4	**4**	1.07	1	**2**
Total				*45*	**50**		*12*	**18**

Phase	Pieces of Equipment	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)
Site Preparation (all)	5	6.25	6	**6**
Paving (all)	3	3.75	4	**4**

Planning Areas 16/19 Residential

Single Family Residential	Phase	*Architectural Coating Workers (20%)*	*Architectural Coating Worker Trips Rounded*	*Architectural Coating Worker Trips Assumed (Even)*
P16-19	1	0.936	1	2
	2	0.648	1	2
	3	0.648	1	2
	4	1.584	2	2
	5	1.584	2	2
	6	0.648	1	2
	7	0.648	1	2
	8	1.584	2	2
	9	0.72	1	2
		0	*12*	**18**

Off Site Grading

Vendor and Worker Trip Calculator

For Multiple CalEEMod Building Construction Phases

Land Use	Rate Metric	Worker Trip Rate	Vendor Trip Rate
Residential Single Family	Daily trips per DU	0.36	0.1069
Residential Multi-Family	Daily trips per DU	0.72	0.1069
Commercial/Retail	Daily Trips per 1,000 SF	0.32	0.1639
Office/Industrial	Daily Trips per 1,000 SF	0.42	0.1639

Equipment	1.25

Phase	Pieces of Equipment	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)
SV Site Prep	7	8.75	9	10
SV Grading	8	10.00	10	10
SV Utilities	7	8.75	9	10
SV Paving	6	7.50	8	8
SV Landscaping	2	2.50	3	4
SCV Site Prep	7	8.75	9	10
SCV Grading	6	7.50	8	8
SCV Utilities	7	8.75	9	10
SCV Paving	6	7.50	8	8
SCV Landscaping	2	2.50	3	4
CV Site Prep	7	8.75	9	10
CV Utilities	7	8.75	9	10
CV Grading	6	7.50	8	8
CV Paving	6	7.50	8	8
CV Landscaping	2	2.50	3	4
NV Grading	8	10.00	10	10
NV Utilities	7	8.75	9	10
NV Paving	6	7.50	8	8
NV Landscaping	2	2.50	3	4

Proctor Valley Road

Vendor and Worker Trip Calculator

For Multiple CalEEMod Building Construction Phases

Land Use	Rate Metric	Worker Trip Rate	Vendor Trip Rate
Residential Single Family	Daily trips per DU	0.36	0.1069
Residential Multi-Family	Daily trips per DU	0.72	0.1069
Commercial/Retail	Daily Trips per 1,000 SF	0.32	0.1639
Office/Industrial	Daily Trips per 1,000 SF	0.42	0.1639

Equipment	1.25

Phase	Pieces of Equipment	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)
South Paving	6	7.50	8	8
South Landscaping	2	2.50	3	4
Central Paving	6	7.50	8	8
Central Landscaping	2	2.50	3	4
North Paving	6	7.50	8	8
North Landscaping	2	2.50	3	4
PA 16/19 Paving	6	7.50	8	8
PA 16/19 Landscaping	2	2.50	3	4

CalEEMod Output Files
Operational

CalEEMod Version: CalEEMod.2016.3.1 Date: 12/18/2017 3:28 PM

Proctor Valley EIR Operational

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Industrial Park	8.50	1000sqft	2.10	8,500.00	0
Parking Lot	629.00	1000sqft	14.44	629,496.00	0
City Park	13.90	Acre	13.90	1,260.00	0
Recreational Swimming Pool	4.00	1000sqft	3.70	4,000.00	0
Single Family Housing	994.00	Dwelling Unit	361.10	2,898,410.00	2762
User Defined Residential	125.00	Dwelling Unit	368.00	591,125.00	344
Regional Shopping Center	10.00	1000sqft	1.50	10,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2028
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	427.49	**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 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Off-road Equipment - Operational Emissions Modeled Separately

Trips and VMT - Operational Run

Vehicle Trips - Chen Ryan 2017

Area Coating - Refer to CalEEMod Input Matrix Table 19

Energy Use - Refer to CalEEMod Input Matrix Table 21

Water And Wastewater - Refer to CalEEMod Input Matrix Table 22

Solid Waste - Solid waste generation rate based on total project-wide disposal rate of 3.6 tons per day

Area Mitigation - Refer to CalEEMod Input Matrix Table 19

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaCoating	Area_EF_Nonresidential_Interior	250	150
tblAreaCoating	Area_EF_Residential_Exterior	250	150
tblAreaCoating	Area_EF_Residential_Interior	250	150
tblConstructionPhase	NumDays	12,400.00	1.00
tblEnergyUse	LightingElect	3.91	3.34
tblEnergyUse	LightingElect	0.88	0.75
tblEnergyUse	LightingElect	6.39	5.46
tblEnergyUse	LightingElect	1,608.84	993.00
tblEnergyUse	LightingElect	0.00	0.21
tblEnergyUse	NT24E	6,680.41	3,442.00
tblEnergyUse	NT24E	0.00	0.73
tblEnergyUse	NT24NG	4,180.00	4,500.00
tblEnergyUse	NT24NG	0.00	0.95
tblEnergyUse	T24E	4.88	4.17
tblEnergyUse	T24E	3.34	2.86
tblEnergyUse	T24E	374.93	971.00
tblEnergyUse	T24E	0.00	0.21
tblEnergyUse	T24NG	16.07	13.74
tblEnergyUse	T24NG	1.15	0.98
tblEnergyUse	T24NG	24,312.55	22,000.00
tblEnergyUse	T24NG	0.00	4.65
tblFireplaces	NumberGas	546.70	0.00
tblFireplaces	NumberGas	68.75	0.00
tblFireplaces	NumberNoFireplace	99.40	0.00
tblFireplaces	NumberNoFireplace	12.50	0.00
tblFireplaces	NumberWood	347.90	0.00
tblFireplaces	NumberWood	43.75	0.00

tblFleetMix	FleetMixLandUseSubType	Industrial Park	City Park
tblFleetMix	FleetMixLandUseSubType	Parking Lot	Industrial Park
tblFleetMix	FleetMixLandUseSubType	City Park	Parking Lot
tblFleetMix	FleetMixLandUseSubType	Single Family Housing	Regional Shopping Center
tblFleetMix	FleetMixLandUseSubType	User Defined Residential	Single Family Housing
tblFleetMix	FleetMixLandUseSubType	Regional Shopping Center	User Defined Residential
tblLandUse	BuildingSpaceSquareFeet	629,000.00	629,496.00
tblLandUse	BuildingSpaceSquareFeet	0.00	1,260.00
tblLandUse	BuildingSpaceSquareFeet	0.00	4,000.00
tblLandUse	BuildingSpaceSquareFeet	1,789,200.00	2,898,410.00
tblLandUse	BuildingSpaceSquareFeet	0.00	591,125.00
tblLandUse	GreenSpaceSquareFeet	605,484.00	0.00
tblLandUse	LandUseSquareFeet	629,000.00	629,496.00
tblLandUse	LandUseSquareFeet	605,484.00	1,260.00
tblLandUse	LandUseSquareFeet	1,789,200.00	2,898,410.00
tblLandUse	LandUseSquareFeet	0.00	591,125.00
tblLandUse	LotAcreage	0.20	2.10
tblLandUse	LotAcreage	0.09	3.70
tblLandUse	LotAcreage	322.73	361.10
tblLandUse	LotAcreage	0.00	368.00
tblLandUse	LotAcreage	0.23	1.50
tblLandUse	Population	2,843.00	2,762.00
tblLandUse	Population	358.00	344.00
tblLandUse	RecSwimmingAreaSquareFeet	4,000.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	427.49
tblProjectCharacteristics	OperationalYear	2018	2028
tblSolidWaste	SolidWasteGenerationRate	1.20	0.00

tblSolidWaste	SolidWasteGenerationRate	10.54	0.00
tblSolidWaste	SolidWasteGenerationRate	22.80	0.00
tblSolidWaste	SolidWasteGenerationRate	10.50	0.00
tblSolidWaste	SolidWasteGenerationRate	1,132.42	1,314.00
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	VendorTripLength	7.30	0.00
tblTripsAndVMT	VendorTripNumber	227.00	0.00
tblTripsAndVMT	WorkerTripLength	10.80	0.00
tblTripsAndVMT	WorkerTripNumber	721.00	0.00
tblVehicleTrips	CC_TL	7.30	8.40
tblVehicleTrips	CC_TL	7.30	8.40
tblVehicleTrips	CC_TL	7.30	8.40
tblVehicleTrips	CC_TL	7.30	8.40
tblVehicleTrips	CC_TL	7.30	8.40
tblVehicleTrips	CC_TTP	48.00	100.00
tblVehicleTrips	CC_TTP	28.00	100.00
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CC_TTP	48.00	100.00
tblVehicleTrips	CC_TTP	64.70	100.00
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	7.30	8.40
tblVehicleTrips	CNW_TL	7.30	8.40
tblVehicleTrips	CNW_TL	7.30	8.40
tblVehicleTrips	CNW_TL	7.30	8.40
tblVehicleTrips	CNW_TL	7.30	8.40
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00

tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	9.50	8.40
tblVehicleTrips	CW_TL	9.50	8.40
tblVehicleTrips	CW_TL	9.50	8.40
tblVehicleTrips	CW_TL	9.50	8.40
tblVehicleTrips	CW_TL	9.50	8.40
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	16.30	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	39.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	7.50	8.40
tblVehicleTrips	HO_TL	7.50	8.40
tblVehicleTrips	HO_TTP	39.60	0.00
tblVehicleTrips	HO_TTP	39.60	0.00
tblVehicleTrips	HS_TL	7.30	8.40
tblVehicleTrips	HS_TL	7.30	8.40
tblVehicleTrips	HS_TTP	18.80	0.00
tblVehicleTrips	HS_TTP	18.80	0.00
tblVehicleTrips	HW_TL	10.80	8.40
tblVehicleTrips	HW_TL	10.80	8.40
tblVehicleTrips	HW_TTP	0.00	100.00
tblVehicleTrips	HW_TTP	0.00	100.00
tblVehicleTrips	HW_TTP	0.00	100.00
tblVehicleTrips	HW_TTP	0.00	100.00

tblVehicleTrips	HW_TTP	0.00	100.00
tblVehicleTrips	HW_TTP	41.60	100.00
tblVehicleTrips	HW_TTP	41.60	100.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PB_TP	9.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	79.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	52.00	100.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	22.75	60.19
tblVehicleTrips	ST_TR	2.49	0.73
tblVehicleTrips	ST_TR	9.10	8.88
tblVehicleTrips	ST_TR	49.97	128.73
tblVehicleTrips	ST_TR	9.91	10.41
tblVehicleTrips	ST_TR	0.00	12.49
tblVehicleTrips	SU_TR	16.74	44.29
tblVehicleTrips	SU_TR	0.73	0.22
tblVehicleTrips	SU_TR	13.60	13.27
tblVehicleTrips	SU_TR	25.24	65.02
tblVehicleTrips	SU_TR	8.62	9.05
tblVehicleTrips	SU_TR	0.00	10.87
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	6.83	1.88

tblVehicleTrips	WD_TR	33.82	33.00
tblVehicleTrips	WD_TR	42.70	110.00
tblVehicleTrips	WD_TR	9.52	10.00
tblVehicleTrips	WD_TR	0.00	12.00
tblWater	IndoorWaterUseRate	1,965,625.00	749,162.50
tblWater	IndoorWaterUseRate	236,572.58	0.00
tblWater	IndoorWaterUseRate	740,725.21	553,887.50
tblWater	IndoorWaterUseRate	64,763,101.47	165,520,955.00
tblWater	OutdoorWaterUseRate	16,561,590.76	18,327,380.00
tblWater	OutdoorWaterUseRate	0.00	749,162.50
tblWater	OutdoorWaterUseRate	144,996.10	0.00
tblWater	OutdoorWaterUseRate	453,992.87	553,887.50
tblWater	OutdoorWaterUseRate	40,828,911.79	165,520,955.00
tblWoodstoves	NumberCatalytic	49.70	0.00
tblWoodstoves	NumberCatalytic	6.25	0.00
tblWoodstoves	NumberNoncatalytic	49.70	0.00
tblWoodstoves	NumberNoncatalytic	6.25	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	8.8000e-004	7.4700e-003	5.5600e-003	1.0000e-005	0.0000	4.4000e-004	4.4000e-004	0.0000	4.2000e-004	4.2000e-004	0.0000	0.8093	0.8093	1.7000e-004	0.0000	0.8136
Maximum	**8.8000e-004**	**7.4700e-003**	**5.5600e-003**	**1.0000e-005**	**0.0000**	**4.4000e-004**	**4.4000e-004**	**0.0000**	**4.2000e-004**	**4.2000e-004**	**0.0000**	**0.8093**	**0.8093**	**1.7000e-004**	**0.0000**	**0.8136**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	8.8000e-004	7.4700e-003	5.5600e-003	1.0000e-005	0.0000	4.4000e-004	4.4000e-004	0.0000	4.2000e-004	4.2000e-004	0.0000	0.8093	0.8093	1.7000e-004	0.0000	0.8136
Maximum	**8.8000e-004**	**7.4700e-003**	**5.5600e-003**	**1.0000e-005**	**0.0000**	**4.4000e-004**	**4.4000e-004**	**0.0000**	**4.2000e-004**	**4.2000e-004**	**0.0000**	**0.8093**	**0.8093**	**1.7000e-004**	**0.0000**	**0.8136**

	ROG	**NOx**	**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**

Quarter	**Start Date**	**End Date**	**Maximum Unmitigated ROG + NOX (tons/quarter)**	**Maximum Mitigated ROG + NOX (tons/quarter)**
1	**7-1-2019**	**9-30-2019**	0.0060	0.0060
		Highest	0.0060	0.0060

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	17.3253	0.0957	8.3069	4.4000e-004		0.0461	0.0461		0.0461	0.0461	0.0000	13.5840	13.5840	0.0130	0.0000	13.9097
Energy	0.1608	1.3845	0.6599	8.7700e-003		0.1111	0.1111		0.1111	0.1111	0.0000	2,899.7094	2,899.7094	0.1193	0.0475	2,916.8572
Mobile	4.2471	17.5400	40.9159	0.1449	14.7314	0.1088	14.8401	3.9434	0.1010	4.0444	0.0000	13,466.7165	13,466.7165	0.7110	0.0000	13,484.4925
Waste						0.0000	0.0000		0.0000	0.0000	266.7301	0.0000	266.7301	15.7633	0.0000	660.8126
Water						0.0000	0.0000		0.0000	0.0000	52.9256	820.0773	873.0028	5.4916	0.1399	1,051.9725
Total	**21.7332**	**19.0202**	**49.8828**	**0.1541**	**14.7314**	**0.2659**	**14.9973**	**3.9434**	**0.2582**	**4.2016**	**319.6557**	**17,200.0871**	**17,519.7428**	**22.0982**	**0.1874**	**18,128.0445**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	17.3253	0.0957	8.3069	4.4000e-004		0.0461	0.0461		0.0461	0.0461	0.0000	13.5840	13.5840	0.0130	0.0000	13.9097
Energy	0.1608	1.3845	0.6599	8.7700e-003		0.1111	0.1111		0.1111	0.1111	0.0000	2,867.3072	2,867.3072	0.1171	0.0471	2,884.2645
Mobile	4.2471	17.5400	40.9159	0.1449	14.7314	0.1088	14.8401	3.9434	0.1010	4.0444	0.0000	13,466.7165	13,466.7165	0.7110	0.0000	13,484.4925
Waste						0.0000	0.0000		0.0000	0.0000	266.7301	0.0000	266.7301	15.7633	0.0000	660.8126
Water						0.0000	0.0000		0.0000	0.0000	52.9256	820.0773	873.0028	5.4916	0.1399	1,051.9725
Total	**21.7332**	**19.0202**	**49.8828**	**0.1541**	**14.7314**	**0.2659**	**14.9973**	**3.9434**	**0.2582**	**4.2016**	**319.6557**	**17,167.6850**	**17,487.3407**	**22.0960**	**0.1869**	**18,095.4518**

	ROG	NOx	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**	**0.19**	**0.18**	**0.01**	**0.25**	**0.18**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	7/1/2019	7/1/2019	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 14.44

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
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	0.00	97	0.37
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
Building Construction	7	0.00	0.00	0.00	0.00	0.00	0.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 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	tons/yr										MT/yr					
Off-Road	8.8000e-004	7.4700e-003	5.5600e-003	1.0000e-005		4.4000e-004	4.4000e-004		4.2000e-004	4.2000e-004	0.0000	0.8093	0.8093	1.7000e-004	0.0000	0.8136
Total	**8.8000e-004**	**7.4700e-003**	**5.5600e-003**	**1.0000e-005**		**4.4000e-004**	**4.4000e-004**		**4.2000e-004**	**4.2000e-004**	**0.0000**	**0.8093**	**0.8093**	**1.7000e-004**	**0.0000**	**0.8136**

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.8000e-004	7.4700e-003	5.5600e-003	1.0000e-005		4.4000e-004	4.4000e-004		4.2000e-004	4.2000e-004	0.0000	0.8093	0.8093	1.7000e-004	0.0000	0.8136
Total	**8.8000e-004**	**7.4700e-003**	**5.5600e-003**	**1.0000e-005**		**4.4000e-004**	**4.4000e-004**		**4.2000e-004**	**4.2000e-004**	**0.0000**	**0.8093**	**0.8093**	**1.7000e-004**	**0.0000**	**0.8136**

Mitigated Construction Off-Site

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	4.2471	17.5400	40.9159	0.1449	14.7314	0.1088	14.8401	3.9434	0.1010	4.0444	0.0000	13,466.7165	13,466.7165	0.7110	0.0000	13,484.4925
Unmitigated	4.2471	17.5400	40.9159	0.1449	14.7314	0.1088	14.8401	3.9434	0.1010	4.0444	0.0000	13,466.7165	13,466.7165	0.7110	0.0000	13,484.4925

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	139.00	1,673.28	1231.26	786,140	786,140
Industrial Park	31.96	12.41	3.74	38,427	38,427
Parking Lot	0.00	0.00	0.00		
Recreational Swimming Pool	264.00	71.04	106.16	326,988	326,988
Regional Shopping Center	2,200.00	2,574.60	1300.40	3,248,700	3,248,700
Single Family Housing	19,880.00	20,695.08	17991.40	30,158,087	30,158,087
User Defined Residential	3,000.00	3,122.50	2717.50	4,551,456	4,551,456
Total	25,514.96	28,148.91	23,350.46	39,109,800	39,109,800

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	8.40	8.40	8.40	0.00	100.00	0.00	100	0	0
Industrial Park	8.40	8.40	8.40	0.00	100.00	0.00	100	0	0
Parking Lot	8.40	8.40	8.40	0.00	100.00	0.00	100	0	0
Recreational Swimming Pool	8.40	8.40	8.40	0.00	100.00	0.00	100	0	0
Regional Shopping Center	8.40	8.40	8.40	0.00	100.00	0.00	100	0	0
Single Family Housing	8.40	8.40	8.40	100.00	0.00	0.00	100	0	0
User Defined Residential	8.40	8.40	8.40	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
Industrial Park	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
Parking Lot	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
Recreational Swimming Pool	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
Regional Shopping Center	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
Single Family Housing	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
User Defined Residential	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,275.7588	1,275.7588	0.0865	0.0179	1,283.2584
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,308.1610	1,308.1610	0.0887	0.0184	1,315.8510
NaturalGas Mitigated	0.1608	1.3845	0.6599	8.7700e-003		0.1111	0.1111		0.1111	0.1111	0.0000	1,591.5484	1,591.5484	0.0305	0.0292	1,601.0061
NaturalGas Unmitigated	0.1608	1.3845	0.6599	8.7700e-003		0.1111	0.1111		0.1111	0.1111	0.0000	1,591.5484	1,591.5484	0.0305	0.0292	1,601.0061

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Industrial Park	152490	8.2000e-004	7.4800e-003	6.2800e-003	4.0000e-005		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	8.1375	8.1375	1.6000e-004	1.5000e-004	8.1858
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	20700	1.1000e-004	1.0100e-003	8.5000e-004	1.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	1.1046	1.1046	2.0000e-005	2.0000e-005	1.1112
Single Family Housing	2.6341e+007	0.1420	1.2138	0.5165	7.7500e-003		0.0981	0.0981		0.0981	0.0981	0.0000	1,405.6561	1,405.6561	0.0269	0.0258	1,414.0092
User Defined Residential	3.3103e+006	0.0179	0.1623	0.1363	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	176.6502	176.6502	3.3900e-003	3.2400e-003	177.7000
Total		**0.1608**	**1.3845**	**0.6599**	**8.7700e-003**		**0.1111**	**0.1111**		**0.1111**	**0.1111**	**0.0000**	**1,591.5484**	**1,591.5484**	**0.0305**	**0.0292**	**1,601.0061**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Industrial Park	152490	8.2000e-004	7.4800e-003	6.2800e-003	4.0000e-005		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	8.1375	8.1375	1.6000e-004	1.5000e-004	8.1858
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	20700	1.1000e-004	1.0100e-003	8.5000e-004	1.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	1.1046	1.1046	2.0000e-005	2.0000e-005	1.1112
Single Family Housing	2.6341e+007	0.1420	1.2138	0.5165	7.7500e-003		0.0981	0.0981		0.0981	0.0981	0.0000	1,405.6561	1,405.6561	0.0269	0.0258	1,414.0092
User Defined Residential	3.3103e+006	0.0179	0.1623	0.1363	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	176.6502	176.6502	3.3900e-003	3.2400e-003	177.7000
Total		**0.1608**	**1.3845**	**0.6599**	**8.7700e-003**		**0.1111**	**0.1111**		**0.1111**	**0.1111**	**0.0000**	**1,591.5484**	**1,591.5484**	**0.0305**	**0.0292**	**1,601.0061**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Industrial Park	106080	20.5696	1.4000e-003	2.9000e-004	20.6905
Parking Lot	472122	91.5474	6.2100e-003	1.2800e-003	92.0856
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	114800	22.2604	1.5100e-003	3.1000e-004	22.3913
Single Family Housing	5.37356e+006	1,041.9674	0.0707	0.0146	1,048.0926
User Defined Residential	679794	131.8162	8.9400e-003	1.8500e-003	132.5911
Total		**1,308.1610**	**0.0887**	**0.0184**	**1,315.8510**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Industrial Park	106080	20.5696	1.4000e-003	2.9000e-004	20.6905
Parking Lot	472122	91.5474	6.2100e-003	1.2800e-003	92.0856
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	114800	22.2604	1.5100e-003	3.1000e-004	22.3913
Single Family Housing	5.20646e+006	1,009.5652	0.0685	0.0142	1,015.4999
User Defined Residential	679794	131.8162	8.9400e-003	1.8500e-003	132.5911
Total		**1,275.7588**	**0.0866**	**0.0179**	**1,283.2584**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	17.3253	0.0957	8.3069	4.4000e-004		0.0461	0.0461		0.0461	0.0461	0.0000	13.5840	13.5840	0.0130	0.0000	13.9097
Unmitigated	17.3253	0.0957	8.3069	4.4000e-004		0.0461	0.0461		0.0461	0.0461	0.0000	13.5840	13.5840	0.0130	0.0000	13.9097

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	3.3136					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	13.7619					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.2498	0.0957	8.3069	4.4000e-004		0.0461	0.0461		0.0461	0.0461	0.0000	13.5840	13.5840	0.0130	0.0000	13.9097
Total	**17.3253**	**0.0957**	**8.3069**	**4.4000e-004**		**0.0461**	**0.0461**		**0.0461**	**0.0461**	**0.0000**	**13.5840**	**13.5840**	**0.0130**	**0.0000**	**13.9097**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	3.3136					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	13.7619					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.2498	0.0957	8.3069	4.4000e-004		0.0461	0.0461		0.0461	0.0461	0.0000	13.5840	13.5840	0.0130	0.0000	13.9097
Total	**17.3253**	**0.0957**	**8.3069**	**4.4000e-004**		**0.0461**	**0.0461**		**0.0461**	**0.0461**	**0.0000**	**13.5840**	**13.5840**	**0.0130**	**0.0000**	**13.9097**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	873.0028	5.4916	0.1399	1,051.9725
Unmitigated	873.0028	5.4916	0.1399	1,051.9725

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 18.3274	39.4826	2.6800e-003	5.5000e-004	39.7147
Industrial Park	0.749162 / 0.749162	3.7431	0.0247	6.3000e-004	4.5458
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0.553887 / 0.553887	2.7675	0.0182	4.6000e-004	3.3609
Single Family Housing	165.521 / 165.521	827.0096	5.4460	0.1382	1,004.3511
User Defined Residential	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**873.0028**	**5.4916**	**0.1399**	**1,051.9725**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 18.3274	39.4826	2.6800e-003	5.5000e-004	39.7147
Industrial Park	0.749162 / 0.749162	3.7431	0.0247	6.3000e-004	4.5458
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0.553887 / 0.553887	2.7675	0.0182	4.6000e-004	3.3609
Single Family Housing	165.521 / 165.521	827.0096	5.4460	0.1382	1,004.3511
User Defined Residential	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**873.0028**	**5.4916**	**0.1399**	**1,051.9725**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	266.7301	15.7633	0.0000	660.8126
Unmitigated	266.7301	15.7633	0.0000	660.8126

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Industrial Park	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1314	266.7301	15.7633	0.0000	660.8126
User Defined Residential	0	0.0000	0.0000	0.0000	0.0000
Total		**266.7301**	**15.7633**	**0.0000**	**660.8126**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Industrial Park	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0	0.0000	0.0000	0.0000	0.0000
Single Family Housing	1314	266.7301	15.7633	0.0000	660.8126
User Defined Residential	0	0.0000	0.0000	0.0000	0.0000
Total		**266.7301**	**15.7633**	**0.0000**	**660.8126**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

CalEEMod Version: CalEEMod.2016.3.1

Date: 12/18/2017 3:48 PM

Proctor Valley EIR Operational

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												
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

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Cranes	Diesel	No Change	0	1	No Change	0.00
Forklifts	Diesel	No Change	0	3	No Change	0.00
Generator Sets	Diesel	No Change	0	1	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	No Change	0	1	No Change	0.00
Welders	Diesel	No Change	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					
Cranes	2.20000E-004	2.63000E-003	1.00000E-003	0.00000E+000	1.10000E-004	1.00000E-004	0.00000E+000	2.26710E-001	2.26710E-001	7.00000E-005	0.00000E+000	2.28500E-001
Forklifts	2.40000E-004	2.14000E-003	1.79000E-003	0.00000E+000	1.70000E-004	1.50000E-004	0.00000E+000	2.05910E-001	2.05910E-001	7.00000E-005	0.00000E+000	2.07540E-001
Generator Sets	2.20000E-004	1.89000E-003	1.86000E-003	0.00000E+000	1.10000E-004	1.10000E-004	0.00000E+000	2.82600E-001	2.82600E-001	2.00000E-005	0.00000E+000	2.83050E-001
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
Welders	1.90000E-004	8.10000E-004	9.00000E-004	0.00000E+000	5.00000E-005	5.00000E-005	0.00000E+000	9.41100E-002	9.41100E-002	2.00000E-005	0.00000E+000	9.45000E-002

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Cranes	2.20000E-004	2.63000E-003	1.00000E-003	0.00000E+000	1.10000E-004	1.00000E-004	0.00000E+000	2.26710E-001	2.26710E-001	7.00000E-005	0.00000E+000	2.28500E-001
Forklifts	2.40000E-004	2.14000E-003	1.79000E-003	0.00000E+000	1.70000E-004	1.50000E-004	0.00000E+000	2.05910E-001	2.05910E-001	7.00000E-005	0.00000E+000	2.07540E-001
Generator Sets	2.20000E-004	1.89000E-003	1.86000E-003	0.00000E+000	1.10000E-004	1.10000E-004	0.00000E+000	2.82600E-001	2.82600E-001	2.00000E-005	0.00000E+000	2.83050E-001
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
Welders	1.90000E-004	8.10000E-004	9.00000E-004	0.00000E+000	5.00000E-005	5.00000E-005	0.00000E+000	9.41100E-002	9.41100E-002	2.00000E-005	0.00000E+000	9.45000E-002

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Percent Reduction											
Cranes	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	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Generator Sets	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
Welders	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		PM2.5 Reduction			
No	Water Exposed Area	PM10 Reduction		PM2.5 Reduction		Frequency (per day)	
No	Unpaved Road Mitigation	Moisture Content %		Vehicle Speed (mph)			
No	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	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	2.48	2.48	2.47	2.45	2.48
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.11	0.34		
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	
Yes	Use Low VOC Paint (Residential Interior)	150.00
Yes	Use Low VOC Paint (Residential Exterior)	150.00
Yes	Use Low VOC Paint (Non-residential Interior)	150.00
Yes	Use Low VOC Paint (Non-residential Exterior)	150.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	0.00
No	% Electric Leafblower	0.00
No	% Electric Chainsaw	0.00

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	Single Family Housing	30.00
ClothWasher	User Defined Residential	30.00
DishWasher	Single Family Housing	15.00
DishWasher	User Defined Residential	15.00
Fan	Single Family Housing	50.00
Fan	User Defined Residential	50.00
Refrigerator	Single Family Housing	15.00
Refrigerator	User Defined Residential	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	

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	Proctor Valley EIR Operational	--	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-19	Central Village Schedule	Proctor Valley EIR Assumptions
Operational Year	2028	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)	427.49	Adjusted for RPS	
CH4 Intensity Factor (lb./Mwh)	default		
N20 Intensity Factor (lb./Mwh)	default		

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: Land Use						
Land Use Type	**Land Use Subtype**	**Unit Amount**	**Size Metric**	**Lot Acreage**	**Square Feet[1]**	**Population[2]**
Recreational	City Park	13.9	acre	13.9	1,260	0
Industrial	Industrial Park (Public Safety)	8.5	1000sqft	2.1	8,500	0
Recreational	Recreational Swimming Pool	3	1000sqft	3.7	4,000	0
Retail	Regional Shopping Center	10	1000sqft	1.5	10,000	0
Parking	Parking Lot	629	1000sqft	14.44	629,496	0
Residential	Single Family Housing	994	dwelling unit	361.1	2,898,410	2762
Residential	User Defined Residential (Estate)	125	dwelling unit	368.0	591,125	344

Table 5: Vehicle Trips	
Land Use Subtype	**Size Metric**
Refer to Trip Generation Worksheet	

Table 6: Vehicle Emissions
default

Table 7: Fleet Mix													
Land Use Subtype	**LDA**	**LDT1**	**LDT2**	**MDV**	**LHD1**	**LHD2**	**MHD**	**HHD**	**OBUS**	**UBUS**	**MCY**	**SBUS**	**MH**
default													

Table 8: Paved Road Dust	
% Pave	default
Road Silt Loading (g/m2)	
Weight (tons)	

Table 9: Paved Road Dust	
Material Silt Content (%)	default
Material Moisture Content (%)	
Mean Vechile Speed (mph)	
CARB Unmitigated Unpaved Road Statewide Emissions Inventory Method	

Table 10: Woodstoves						
Residential Land Use Subtype	**# Conventional**	**# Catalytic**	**# Non-Catalytic**	**# Pellet**	**Days/ Year**	**Wood Mass (lb./year)**
Single Family Housing	0					

Table 10 cont.: Fireplaces							
Residential Land Use Subtype	**# Wood**	**# Gas**	**# Propane**	**# No Fireplace**	**Hours/ Day**	**Days/Year**	**Wood Mass (lb./year)**
Single Family Housing	0	878	0	116	default		
User Defined Residential	0	125	0	0			

Table 10: Consumer Products	
Category	**Emission Factor**
General Category	--
Parking	--
City Park Golf Course	--

Table 11: Area Architectural Coatings	
Reapplication Rate	--
Residential Interior	
Emission Factor (g/L)	150
square footage	--
Residential Exterior	
Emission Factor (g/L)	150
square footage	--
Parking	
Emission Factor (g/L)	--
square footage	--
Non-residential Interior	
Emission Factor (g/L)	150
square footage	--
Non-residential Exterior	
Emission Factor (g/L)	150
square footage	--
Source: SDAPCD Rule 67.0.1	

Table 12: Landscape Equipment	
Number of Days	
Snow Days	default
Summer Days	

Table 13: Energy Use					
Land Use Subtype	**Title-24 Electricity Energy Intensity (kWhr/size/ year)**	**Nontitle-24 Electricity Energy Intensity (kWhr/size/ year)**	**Lighting Energy Intensity (kWhr/size/ year)**	**Title-24 Natural Gas Energy Intensity (kBTU/size /year)**	**Nontitle-24 Natural Gas Energy Intensity (kBTU/size /year)**
Single Family Housing	971	2,371	993	22,000	4,500
User Defined Residential (Estate)	971	2,371	993	22,000	4,500
Industrial Park (Fire Station)	4.17	4.97	3.34	13.74	4.20
Parking Lot	0.00	0.00	0.75	0.00	0.00
Regional Shopping Center	2.86	3.16	5.46	0.98	1.09
Consol, 2017					

Table 14: Water and Wastewater												
Land Use Subtype	**Size Metric**	**Indoor Water Use (gals/year)**	**Outdoor Water Use (gals/year)[1]**	**Electricity Intensity Factor to Supply (kWhr/Mgal)**	**Electricity Intensity Factor to Treat (kWhr/Mgal)**	**Electricity Intensity Factor to Distribute (kWhr/ Mgal)**	**Electricity Intensity Factor or Wastewater Treatment (kWhr/ Mgal)**	**Septic Tank (%)**	**Aerobic (%)**	**Facultative Lagoons (%)**	**Anaerobic Digester with Combustion of Digester Gas (%)**	**Anaerobic Digester with Cogeneration from Combustion of Digester Gas (%)**
Industrial Park	1000sqft	749,163	749,163	default					100	default		
Parking Lot	1000sqft	--	--									
City Park	Acre		18,327,380									
Recreational Swimming Pool	1000sqft	--	--									
Single Family Housing	Dwelling Unit	165,520,955	165,520,955									
User Defined Residential (Estate)	Dwelling Unit	--	--									
Regional Shopping Center	1000sqft	553,888	553,888									
Notes: Estate water use included in Single Family Housing. Recreational Swimming Pool water use included in city park.												

Table 15: Solid Waste					
Land Use Subtype	**Size Metric**	**Solid Waste Generation Rate (tons/year)[1]**	**Landfill No Gas Capture (%)**	**Landfill Gas Flare (%)**	**Landfill Capture Gas Energy Recovery (%)**
SFR		1314	default		
Note: Project Wide					

Table 16: Off-Road Equipment						
Equipment Type	**Number of Equipment**	**Hours/Day**	**Days/Year**	**Horsepower (HP)**	**Load Factor**	**Fuel Type**
default						

Table 17: Emergency Generators and Fire Pumps							
Equipment Type	Number of Equipment	Fuel Type	Horsepower (HP)	Load Factor (0-1)	Hours/Day	Hours/Year	Equipment Description
--							

Table 18: Generators / Fire Pumps EF
--

Table 19: Process Boilers						
Equipment Type	Number of Equipment	Fuel Type	Boiler Rating (MMBtu/hr.)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/year)	Equipment Description
--						

Table 20: Boilers EF
--

Table 21: User Defined
--

Table 22: Land Use Change				
Vegetation Land Use Type	**Vegetation Land Use Subtype**	**Initial Acres**	**Final Acres**	**Annual CO2 accumulation per acres (tonnes CO2/year)**
calculated outside CalEEMod				

Table 23: Sequestration		
Broad Species Class	**Number of New Trees**	**Annual CO2 accumulation per tree (tonnes CO2/year)**
calculated outside CalEEMod		

Table 24: Land Use & Site Enhancement	
Project Setting	Low Density Suburban
Land Use	
Dwelling Units/acre	--
Jobs/Job acre	
Increase Diversity	
Improve Walkability Design	
Intersections/ Square Miles	
Increase Destination Accessibility	
Distance to Downtown Job Center (miles)	
Increase Transit Accessibility	
Distance to Transit Station (miles)	
Integrate Below Market Rate Housing	
% Dwelling Units Below Market Rate	
Neighborhood Enhancements	
Improve Pedestrian Network	--
Provide Traffic Calming Measures	
% Streets with Improvement	
% Intersections with Improvement	
Implement NEV Network	
Parking Policy/Pricing	
Limit Parking Supply	--
% Reduction in Spaces	
Unbundle Parking Costs	
Monthly Parking Cost ($)	
On-Street Market Pricing	
% Increase in Price	
Transit Improvement	
Provide BRT System	--
% Lines BRT	
Expand Transit Network	
% Increase Transit Coverage	
Increase Transit Frequency	
Level of Implementation	
% Reduction in Headways	

Table 25	
Commute Trip	
Implementing Trip Reduction	--
% employee eligible	
Program Type	
Transit Subsidy	
Implementing Trip Reduction	
Daily Transit Subsidy Amount ($)	
Implementing Employee Parking "Cash-Out"	
% employee eligible	
Workplace Parking Charge	
% employee eligible	
Daily Parking Charge ($)	
Encourage Telecommuting and Alternative Work Schedules	
% employee work 9/80	
% employee work 4/40	
% employee telecommute 1.5 days	
Market Commute Trip Reduction Option	
% employee eligible	
Employee Vanpool/Shuttle	
% employee eligible	
% vanpool mode share	
Provide Ride Sharing Program	
% employee eligible	
School Trip	
Implement School Bus Program	--
% family using	

Table 26: Area Mitigation	
Hearth	
Only Natural Gas Hearth	--
No Hearth	
Consumer Products for General Category	
Use Low VOC Cleaning Supplies	--
Architectural Coating	
Use low VOC Paint (Residential Interior)	--
Use low VOC Paint (Residential Exterior)	
Use low VOC Paint (Non-Residential Interior)	
Use low VOC Paint (Non-Residential Exterior)	
Use low VOC Paint (Parking)	
Landscape Equipment	
% Electric Lawnmower	--
% Electric Leaf blower	
% Electric Chainsaw	

Table 27: Energy	
Building Energy	
Exceed Title 24	--
% Improvement	
Install High Efficiency Lighting	
% Lighting Energy Reduction	
Alternative Energy	
On-site Renewable Energy	--
kWh Generated	
% of Electric Use Generated	

Table 28: Energy Efficient Appliances		
Appliance Type	**Land Use Subtype**	**% Improvement**
Clothes Washer	--	
Dish Washer		
Fan		
Refrigerator		

Table 29: Water Mitigation	
Water Conservation Strategy	
Apply Water Conservation Strategy	--
% Reduction Indoor	
% Reduction Outdoor	
Water Supply	
Used Reclaimed Water	--
% Indoor Water Use	--
% Outdoor Water Use	
Use Gray Water	
% Indoor Water Use	
% Outdoor Water Use	
Indoor Water Use	
Install Low-flow Bathroom Faucet	--
% Reduction in flow	
Install Low-flow Kitchen Faucet	
% Reduction in flow	
Install Low-flow Toilet	
% Reduction in flow	
Install Low-flow Shower	
% Reduction in flow	
Outdoor Water Use	
Turf Reduction	--
Turf Reduction Area (acres)	
% Reduction turf	
Use Water-Efficient Irrigation Systems	
% Reduction	
Water Efficient Landscape	
MAWA (gal/yr)	
ETWU (gal/yr)	

Table 30: Solid Waste	
Institute Recycling and Composting Services	yes
% Reduction in waste disposed	75
Notes: 75% waste diversion consistent with AB 341 (not mitigation)	

Proctor Valley EIR
Rock Crusher Emissions

Equation:

Drop Operations Formula

$EF(PM) = (k*0.0032)*(U/5)^{1.3}/(M/2)^{1.4}$

k (PM_{10}) =	0.35	
k ($PM_{2.5}$) =	0.053	
U =	2.98	mph
M =	3	%
EF PM_{10} =	0.000323	
EF PM_{10} =	0.000049	

Where:
EF = emission factor (pounds per ton)
k =particle size multiplier (dimensionsless)
U = mean wind speed, meters per second (m/s) (miles per hour (mph))
M = material moisture content (%)

Reference:
AP42 Section 13.2.4.3 - Predictive Emission Factor Equations

Assumptions:

Production Rate Information

3,769	cubic yard/day
1.3	tons/cubic yard
4,900	ton/day

Emissions Calculations:

Equipment Type	Throughput	PM_{10}		$PM_{2.5}$		
	Tons/day	Emission Factor (lb/ton)	Daily (lb/day)	Emission Factor (lb/ton)	Daily (lb/day)	Daily (lb/hour)
Hopper Loading	4,900	0.000323	1.58	0.000049	0.240	1.00E-02
Primary Crusher	4,900	0.00054	2.65	0.0001	0.490	2.04E-02
Conveyor Transfer	4,900	0.000046	0.23	0.000013	0.064	2.65E-03
Screen 1	4,900	0.00074	3.63	0.00005	0.245	1.02E-02
Conveyor Transfer	1,470	0.000046	0.07	0.000013	0.019	7.96E-04
Conveyor Transfer to Pile	1,470	0.000323	0.47	0.000049	0.072	2.65E-03
Conveyor Transfer	3,430	0.000046	0.16	0.000013	0.045	1.02E-02
Secondary Crusher	3,430	0.00054	1.85	0.000100	0.343	1.43E-02
Conveyor Transfer	3,430	0.000046	0.16	0.000013	0.045	1.86E-03
Screen 2	3,430	0.00074	2.54	0.00005	0.172	1.02E-02
Conveyor Transfer	3,430	0.000046	0.16	0.000013	0.045	7.96E-04
Conveyor Transfer to Pile	3,430	0.000323	1.11	0.000049	0.168	3.00E-03
Total Rock Crushing			***14.59***		***1.95***	***2.09***

PV Rd North

No. of Rock Crushing Facilities 1

	PM_{10}	$PM_{2.5}$
Total Rock Crushing	14.59	1.95

JSP South

No. of Rock Crushing Facilities 1

	PM_{10}	$PM_{2.5}$
Total Rock Crushing	14.59	1.95

JSP Central

No. of Rock Crushing Facilities 3

	PM_{10}	$PM_{2.5}$
Total Rock Crushing	43.78	5.84

JSP North

No. of Rock Crushing Facilities 1

	PM_{10}	$PM_{2.5}$
Total Rock Crushing	14.59	1.95

JSP PA 16/19

No. of Rock Crushing Facilities 2

	PM_{10}	$PM_{2.5}$
Total Rock Crushing	29.19	3.89

References/Notes:

Emission Factors from AP-42, Section 11.19.2 (Crushed Stone Processing), Table 11.19.2-2 (controlled factors).
Emission Factor for drop operation (conveyor to product pile) from AP-42, Section 13.2.4 (Aggregate Handling and Storage Piles), Equation 1. Wind speed is obtained from mean of Escondido 2010-2012 meteorlogical data. Moisture content is assumed to be 3%.

Pool Energy Demand - Proctor Valley

Average Pool Size in SCE Study (gallons)	Hours of Operation per Day	Average Heater Size from SCE Study (kBtu/hr)	hour/year	kBtu/year	kBtu/year (efficiency)	kBtu/gal/ year	MMBtu/gal/ year
28,210	12	410	4,380	1,795,800	1,580,304	56.02	0.056

Total Potential CO_2e Emissions from Pool Energy Demand

Facility Name	Pool Volume (gal)	MMBtu/gal/year	MMBtu/year	lb. CO2e/ MMBtu	lb. CO2e/ year	MT/CO2e/ year
PP2	180,956	0.056	10,137	118.35	1,199,717	545.33
PP4	81,861		4,586		542,729	246.69
PP1	157,260		8,810		1,042,615	473.92
					Total	**1,265.94**

Total Potential Energy Demand

Facility Name	Pool Volume (gal)	MMBtu/gal/year	MMBtu/year
All pools	420,077	0.056	23,532

Notes: Pool hours of operation assume 12 hours daily.

89-95% efficency (US Department of Energy). Heaters in the Proposed Project were assumed to use 90% efficent heaters.

Polutant Emissions from Pool Heating

Polutant	lb./MMBtu	MMBtu/day	lb./day
ROG	0.010784314	64.47	0.70
SO_2	0.000588235		0.04
NO_X	0.092156863		5.94
PM_{10}	0.00745098		0.48
$PM_{2.5}$	0.00745098		0.48
CO	0.039215686		2.53

Pool Filter Energy Demand - Proctor Valley

Pollutant	Energy Demand from Filter		SDG&E CO_2E			GWP	CO_2E/year
	kwh annual	mWh annual	lb./MWh	lb./ year	MT /year		
CO2	21769.72	21.77	427.49	9306.34	4.22	1.00	4.22
CH4	21769.72	21.77	0.02	0.39	0.00	25.00	0.00
N20	21769.72	21.77	0.00	0.08	0.00	298.00	0.01
						Total	**4.24**

Source: SCE 2016

San Diego Gas Electric
RPS Calculations

San Diego Gas and Electric
Effect of 20% RPS
Based on 2009 Baseline Data

2009 Emission Factor[1]	720.49	lb CO2/MWh
2009 Renewables[2]	10%	
Without RPS	800.54	lb CO2/MWh
Future Renewables[3]	20.0%	
With 20% RPS	640.44	lb CO2/MWh
Reduction	11.1%	

All renewable energy is assumed to be carbon neutral
(i.e. no emissions from biogenic sources).
1. CalEEMod User's Guide, Appendix D, Table 1.2
2. SDG&E. 2009 Power Content Label (Actual)
3. 20% RPS

2020
San Diego Gas and Electric
Effect of 33% RPS
Based on 2009 Baseline Data

2009 Emission Factor[1]	720.49	lb CO2/MWh
2009 Renewables[2]	10%	
Without RPS	800.54	lb CO2/MWh
Future Renewables[3]	33.0%	
With 33% RPS	536.36	lb CO2/MWh
Reduction	25.6%	

All renewable energy is assumed to be carbon neutral
(i.e. no emissions from biogenic sources).
1. CalEEMod User's Guide, Appendix D, Table 1.2
2. SDG&E. 2009 Power Content Label (Actual)
3. 43.1% RPS under contract
http://www.cpuc.ca.gov/RPS_Homepage/

San Diego Gas Electric
RPS Calculations

2027

San Diego Gas and Electric
Effect of 33% RPS
Based on 2009 Baseline Data

2009 Emission Factor[1]	720.49	lb CO2/MWh
2009 Renewables[2]	10%	
Without RPS	800.54	lb CO2/MWh
Future Renewables[3]	44.9%	
With 44.9% RPS	441.10	lb CO2/MWh
Reduction	38.8%	

All renewable energy is assumed to be carbon neutral
(i.e. no emissions from biogenic sources).
1. CalEEMod User's Guide, Appendix D, Table 1.2
2. SDG&E. 2009 Power Content Label (Actual)
3.RPS at 43% (SDG&E achieved 43% by 2016)
http://www.cpuc.ca.gov/RPS_Homepage/

2028

San Diego Gas and Electric
Effect of 46.6% RPS
Based on 2009 Baseline Data

2009 Emission Factor[1]	720.49	lb CO2/MWh
2009 Renewables[2]	10%	
Without RPS	800.54	lb CO2/MWh
Future Renewables[3]	46.6%	
With 46.6% RPS	427.49	lb CO2/MWh
Reduction	40.7%	

All renewable energy is assumed to be carbon neutral
(i.e. no emissions from biogenic sources).
1. CalEEMod User's Guide, Appendix D, Table 1.2
2. SDG&E. 2009 Power Content Label (Actual)
3. 2030 RPS at 50%; 46.6% at 2028

Otay Ranch Village 14 and Planning Areas 16/19

Vegetation

Land Use Change - Loss of Sequestered Carbon

A development which changes land use type results in changes in CO_2 sequestration from the atmosphere which would not have been captured had there been no land-type change.

Equation:

Sequestered CO_2 (MT CO_2) = Σ_f (SeqCO$_2$)$_f$ x (area)$_f$ - Σ_i (SeqCO2)$_i$ x (area)$_i$

Where:

SeqCO$_2$ = mass of sequestered CO_2 per unit area (MT CO_2/acre)

area = area of land for specific land use type (acre)

f = index for final land use type

I = index for initial land use type

Default CalEEMod Factors

The mass of sequestered CO_2 per unit area (MT CO_2/acre) is dependent on the specific land use type. The program uses default CO_2 sequestration values from the California Climate Action Registry for each land use that will be preserved or created:

Vegetation Land Use Type	Vegetation Land Use Subtype	Biogenic CO_2 Emissions (MT CO_2/Acre)
Cropland	Cropland	6.2
Forest Land	Scrub	14.3
Forest Land	Trees	111
Grassland	Grassland	4.31
Wetlands	Wetlands	0
Others	Others	0

Notes:

Based on values indicated in IPCC Guidelines for National Greenhouse Gas Inventories (IPCC Guidelines). Available online at http://www.ipcc-nggip.iges.or.jp/public/2006gl/

Reference:

CalEEMod Users Guide, Appendix A Calculation Details (Section 11 Vegetation, pages 50-52)

Otay Ranch Village 14 and Planning Areas 16/19

Calculations:

Project Vegetation Land Use	Vegetation Land Use Category	Vegetation Land Use Category Subtype	Initial Acres (acres)	Final Acres (acres)	Net Loss (acres)	Biogenic CO_2 Emissions (MT CO_2/Acre)	Sequestered CO_2 (MT CO_2)
Chaparral and Scrub (various)	Forest Land	Scrub	1,216.50	516.60	699.90	14.3	10,008.57
Southern Coast Live Oak Riparian Forest; Eucalyptus Woodland	Forest Land	Trees	3.60	3.40	0.20	111	22.20
Non-Native Grassland	Grassland	Grassland	111.50	30.00	81.50	4.3	351.27
Marsh (various)	Wetlands	Wetlands	8.30	6.80	1.50	0.0	0.00
Disturbed Land	Others	Others	6.95	0.00	6.95	0	0.00
Total			**130.35**	**40.20**	**90.15**		**10,382.04**

Notes:

The default annual CO2 is calculated by multiplying total biomass (MT dry matter/acre) from IPCC data by the carbon fraction in plant material (0.47), then using the ratio of molecular weights (44/12) to convert from MT of carbon (C) to MT of carbon dioxide (CO2).

Vegetation Type

Vegetation types are defined by IPCC as follows:

Forest Land

This category includes all land with woody vegetation consistent with thresholds used to define Forest Land in the national greenhouse gas inventory. It also includes systems with a vegetation structure that currently fall below, but *in situ* could potentially reach the threshold values used by a country to define the Forest Land category.

Cropland

This category includes cropped land, including rice fields, and agro-forestry systems where the vegetation structure falls below the thresholds used for the Forest Land category.

Grassland

This category includes rangelands and pasture land that are not considered Cropland. It also includes systems with woody vegetation and other non-grass vegetation such as herbs and brushes that fall below the threshold values used in the Forest Land category. The category also includes all grassland from wild lands to recreational areas as well as agricultural and silvi-pastural systems, consistent with national definitions.

Wetlands

This category includes areas of peat extraction and land that is covered or saturated by water for all or part of the year (e.g., peatlands) and that does not fall into the Forest Land, Cropland, Grassland or Settlements categories. It includes reservoirs as a managed sub-division and natural rivers and lakes as unmanaged sub-divisions.

Area

The user must specify area of land in acres for specific final and initial land use types. These area changes include not only the area of land that will be converted to buildings, but also areas disrupted by the construction of utility corridors, water tank sites, and associated borrow and grading areas. Areas temporarily disturbed that will eventually recover to become vegetated will not be counted as vegetation removed as there is no net change in vegetation or land use.

This assumption facilitates the calculation as a yearly growth rate and CO2 removal rate does not have to be calculated. As long as the disturbed land will indeed return to its original state, this assumption is valid for time periods over 20 years.

Otay Ranch Village 14 and Planning Areas 16/19

Vegetation

Land Use Change - Gain of Sequestered Carbon

Planting trees will sequester CO_2 and is considered to result in a one-time carbon-stock change. Trees sequester CO_2 while they are actively growing. The amount of CO_2 sequestered depends on the type of tree.

Equation:

Total Sequestered CO_2 (MT CO_2) = (Growing Period x Σ *t* (Sequestration *t* x Trees *t*)*)*

Where:

Growing Period = growing period for all trees, expressed in years (20 years is the default)

Sequestration *t* = default annual CO_2 accumulation per tree for broad species class *t*

Trees *t* = number of net new trees of broad species class *t*

Total Sequestered CO_2 is the growing period for all trees multiplied by the summation of annual CO_2 accumulation multiplied by the number of new trees per broad species class.

Default CalEEMod Factors

The program uses default annual CO_2 accumulation per tree for broad species class as follows:

Species	CO_2 Sequestered (MT/tree/year)
Aspen	0.0352
Soft Maple	0.0433
Mixed Hardwood	0.0367
Hardwood Maple	0.0521
Juniper	0.0121
Cedar/Larch	0.0264
Douglas Fir	0.0447
True Fir/Hemlock	0.0381
Pine	0.0319
Spruce	0.0337
Miscellaneous	0.0354

Notes:

"CO2 Sequestered" is based on IPCC's carbon (C) values converted to carbon dioxide (CO2) using ratio of molecular weights (44/12).

Miscellaneous is the average of all other broad species classes. To be assumed if tree type is not known.

Reference:

CalEEMod Users Guide, Appendix A Calculation Details (Section 11 Vegetation, pages 50-53)

Otay Ranch Village 14 and Planning Areas 16/19

Calculations:

Project Tree Category/Species	Tree Category	Growing Period (year)	Number of Trees (trees)	Tree CO_2 Sequestered Factor (MT CO_2/Tree/Year)	Sequestered CO_2 (MT CO_2)
Unknown	Miscellaneous	20	8,000.00	0.0354	5,664.00
	Total				**5,664.00**

Notes:

Growing Period

The program assumes the IPCC active growing period of 20 years. Thereafter, the accumulation of carbon in biomass slows with age, and will be completely offset by losses from clipping, pruning, and occasional death. Actual active growing periods are subject to, among other things, species, climate regime, and planting density. Note that trees may also be replaced at the end of the 20-year cycle, which would result in additional years of carbon sequestration. However, this would be offset by the potential net release of carbon from the removal of the replaced tree.

Greenhouse Gas Vegetation Category	Habitat Types/Vegetation Communities		Village 14						Planning Area 16 and 19							Off-Site Improvement Areas		Total	Initial	Final	Net (Loss)
			Permanent Impacts		*Temporary Impacts*		*Preserve*		*Permanent Impacts*		*Temporary Impacts*	*LDA*		*Preserve*		*Permanent Impacts*	*Temporary Impacts*				
			Dev. [b]	*Preserve*	*Dev.*	*Preserve*	*Designated*	*Potential*	*Dev.*	*Preserve*	*Preserve*	*Impacted*	*Non-Impacted*	*Designated*	*Potential* [c]						
Forest/Scrub	Riparian Habitat/Jurisdictional Aquatic Resources	Mulefat Scrub	—	—	—	—	0.2	—	0.05	0.05	0.05	—	—	0.4	—	0.05	0.2	1	1.00	0.60	0.40
		Southern Willow Scrub	—	—	—	—	—	—	0.2	—	—	—	—	0.1	—	0.05	0.05	0.3	0.40	0.10	0.30
	Sensitive Upland Communities	Granitic Chamise Chaparral (including disturbed)	221.8	5.3	3.7	1.3	48.6	9	—	—	—	—	—	—	—	5.3	13.8	308.9	308.80	57.60	251.20
		Diegan Coastal Sage Scrub	113.3	0.7	—	1.9	167.6	25.8	213	0.4	2.1	10.1	71.1	58.5	17.8	9.3	21	712.6	712.60	340.80	371.80
		disturbed Coastal Sage Scrub	34.2	2.2	—	3.7	31.4	—	11.1	—	—	—	—	0.8	—	3.7	6	93	93.10	32.20	60.90
		Diegan Coastal Sage Scrub - Baccharis-dominated (including disturbed)	—	—	—	—	—	—		—	—	—	—	—	—	0.4	0.9	1.3	1.30	0.00	1.30
		Granitic Southern Mixed Chaparral	—	—	—	—	—	—	8.8	—	—	0.9	12.9	56.1	16.3	1.7	2.6	99.3	99.30	85.30	14.00
																		Forest Scrub Sub Total	**1216.50**	**516.60**	**699.90**
Forest/Trees	Riparian Habitat/Jurisdictional Aquatic Resources	Southern Coast Live Oak Riparian Forest	—	—	—	—	0.7	—	—	—	—	—	—	—	—	—	—	0.7	0.70	0.70	0.00
	Non-Sensitive Communities and Land Covers	Eucalyptus Woodland	—	—	—	—	—	—	—		—	—	—	2.7	—	—	0.2	2.9	2.90	2.70	0.20
																		Forest Trees Total	**3.60**	**3.40**	**0.20**
Grassland	Sensitive Upland Communities	Non-Native Grassland	32	0.3	—	—	2.6	—	34.1	0.2	0.8	—	—	27.4	—	3.6	10.5	111.4	111.50	30.00	81.50
																		Grassland Total	111.50	30.00	81.50
Wetland	Riparian Habitat/Jurisdictional Aquatic Resources	Cismontane Alkali Marsh (including disturbed)	—	0.1	—	0.05	0.9	0.1	0.8	0.1	0.05	—	—	5.8	—	—	—	7.8	7.90	6.80	1.10
	Riparian Habitat/Jurisdictional Aquatic Resources	Coastal and Valley Freshwater Marsh	—	—	—	—	—	—	—	—	—	—	—	—	—	0.1	0.3	0.4	0.40	0.00	0.40
																		Wetland Total	**8.30**	**6.80**	**1.50**
Other	Riparian Habitat/Jurisdictional Aquatic Resources	Open Water	—	—	—	—	—	—	0.2	—	—		0.3	—		—	—	0.4	0.50	0.30	0.20
	Riparian Habitat/Jurisdictional Aquatic Resources	Unvegetated Channel	—	—	—	—	—	—	—	—	—	—	—	—	—	0.05	0.1	0.1	0.15	0.00	0.15
	Non-Sensitive Communities and Land Covers	Urban/Developed	3	—	—	—	—	—	0.5	0.5	0.05	—	—	0.1	—	2.2	1.6	7.9	7.95	0.10	7.85
	Non-Sensitive Communities and Land Covers	Disturbed Habitat	10.3	0.05		0.1	2.4	0.3	5	—	—	—	—	0.9	0.05	1.1	2.3	22.5	22.50	3.65	18.85
																		Other Total	**31.10**	**4.05**	**27.05**