Platinum Triangle Stadium District Project

South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	2,651.16	1000sqft	11.60	2,651,155.00	0
Government Office Building	10.00	1000sqft	1.50	10,000.00	0
Enclosed Parking with Elevator	9,333.00	Space	15.90	3,733,200.00	0
Other Asphalt Surfaces	28.80	Acre	28.80	1,254,528.00	0
Parking Lot	9,333.00	Space	15.90	3,733,200.00	0
Unenclosed Parking with Elevator	9,334.00	Space	16.00	3,733,600.00	0
Arena	11.70	Acre	11.70	1,132,567.00	0
City Park	13.20	Acre	13.20	574,992.00	0
Hotel	943.00	Room	6.00	650,000.00	0
Apartments Mid Rise	4,466.00	Dwelling Unit	22.30	5,272,540.00	12773
Condo/Townhouse	709.00	Dwelling Unit	8.40	837,042.00	2028
Regional Shopping Center	1,059.17	1000sqft	4.60	1,059,172.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	8			**Operational Year**	2035
Utility Company	Anaheim Public Utilities				
CO2 Intensity (lb/MWhr)	1047.47	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 intensity factor based on CY18 MRR data for APU, as well as publically available CAISO GHG and load data.

Land Use - Land uses based on Angel Stadium Redevelopment Master Site Plan and Notice of Availability

Construction Phase - Default phasing schedule scaled to assumed 2035 operational year

Trips and VMT - The haul trip length was revised to 23 miles based on the distance to Frank Bowerman Landfill

Demolition - The project would include demolition of the existing stadium and existing pavement

Grading - 155.9-acre project site

Vehicle Trips - Based on proposed project trip generation prepared by LSA

Woodstoves - No woodburning fireplaces and assuming natural gas fireplaces for townhouse units.

Energy Use - Electricity usage for the stadium provided by Angels

Water And Wastewater - Water usage for the stadium provided by Angels

Solid Waste - Solid waste generation for stadium provided by Angels

Construction Off-road Equipment Mitigation - Assuming use of Tier 3 construction equipment consistent with Mitigation Measure 2-1 and soil stabilizer, replace ground cover, water exposed area, moisture content, and limit vehicle speeds consitent with Mitigation Measure 2-2

Mobile Land Use Mitigation - Increase density and diversity, improve destination accessibility, increase transit accessibility, improve pedestrian network, increase transit frequency

Mobile Commute Mitigation - Assuming TDM measures consistent with Mitigation Measures 9-1, 9-2, and 9-3

Area Mitigation - Assuming low-emissions paints and coatings consistent with Mitigation Measure 2-4

Energy Mitigation - Assuming compliance with 2019 Title 24, exceedance of Title 24 standards by 10 percent consisnt with Mitigation Measures 2-6, 10-21, and 10-24, and high efficiency lighting and appliances consistent with Appliance Energy Efficiency Standards and Mitigation Measures 2-6 and 10-22

Water Mitigation - Assuming low-flow appliances and water-efficient irrigation consistent with Mitigation Measure 10-7 and use of reclaimed water consistent with Mitigation Measure 10-14

Waste Mitigation - Solid waste generation for stadium provided by Angels

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
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	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3

tblConstructionPhase	NumDays	220.00	210.00
tblConstructionPhase	NumDays	3,100.00	2,955.00
tblConstructionPhase	NumDays	200.00	190.00
tblConstructionPhase	NumDays	310.00	295.00
tblConstructionPhase	NumDays	220.00	210.00
tblConstructionPhase	NumDays	120.00	115.00
tblEnergyUse	LightingElect	2.99	5.82
tblEnergyUse	NT24E	3.83	7.45
tblEnergyUse	T24E	1.63	3.18
tblFireplaces	NumberGas	3,796.10	0.00
tblFireplaces	NumberGas	602.65	709.00
tblFireplaces	NumberNoFireplace	446.60	4,466.00
tblFireplaces	NumberNoFireplace	70.90	0.00
tblFireplaces	NumberWood	223.30	0.00
tblFireplaces	NumberWood	35.45	0.00
tblGrading	AcresOfGrading	737.50	155.90
tblLandUse	LandUseSquareFeet	2,651,160.00	2,651,155.00
tblLandUse	LandUseSquareFeet	509,652.00	1,132,567.00
tblLandUse	LandUseSquareFeet	1,369,236.00	650,000.00
tblLandUse	LandUseSquareFeet	4,466,000.00	5,272,540.00
tblLandUse	LandUseSquareFeet	709,000.00	837,042.00
tblLandUse	LandUseSquareFeet	1,059,170.00	1,059,172.00
tblLandUse	LotAcreage	60.86	11.60
tblLandUse	LotAcreage	0.23	1.50
tblLandUse	LotAcreage	84.00	15.90
tblLandUse	LotAcreage	84.00	15.90
tblLandUse	LotAcreage	84.01	16.00

tblLandUse	LotAcreage	31.43	6.00
tblLandUse	LotAcreage	117.53	22.30
tblLandUse	LotAcreage	44.31	8.40
tblLandUse	LotAcreage	24.32	4.60
tblProjectCharacteristics	CO2IntensityFactor	1543.28	1047.47
tblSolidWaste	SolidWasteGenerationRate	1.01	1,605.00
tblTripsAndVMT	HaulingTripLength	20.00	23.00
tblTripsAndVMT	HaulingTripLength	20.00	23.00
tblTripsAndVMT	HaulingTripLength	20.00	23.00
tblTripsAndVMT	HaulingTripLength	20.00	23.00
tblTripsAndVMT	HaulingTripLength	20.00	23.00
tblTripsAndVMT	HaulingTripLength	20.00	23.00
tblVehicleTrips	ST_TR	6.39	4.52
tblVehicleTrips	ST_TR	22.75	0.65
tblVehicleTrips	ST_TR	5.67	4.52
tblVehicleTrips	ST_TR	2.46	8.09
tblVehicleTrips	ST_TR	8.19	6.95
tblVehicleTrips	ST_TR	49.97	31.37
tblVehicleTrips	SU_TR	5.86	4.52
tblVehicleTrips	SU_TR	16.74	0.65
tblVehicleTrips	SU_TR	4.84	4.52
tblVehicleTrips	SU_TR	1.05	8.09
tblVehicleTrips	SU_TR	5.95	6.95
tblVehicleTrips	SU_TR	25.24	31.37
tblVehicleTrips	WD_TR	6.65	4.52
tblVehicleTrips	WD_TR	33.33	0.00
tblVehicleTrips	WD_TR	1.89	0.65

tblVehicleTrips	WD_TR	5.81	4.52
tblVehicleTrips	WD_TR	11.03	8.09
tblVehicleTrips	WD_TR	68.93	0.00
tblVehicleTrips	WD_TR	8.17	6.95
tblVehicleTrips	WD_TR	42.70	31.37
tblWater	IndoorWaterUseRate	15,750,032.42	34,006,324.00
tblWater	OutdoorWaterUseRate	1,005,321.22	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

Platinum Triangle Stadium District Project - South Coast AQMD Air District, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.1561	1.9081	1.0410	3.1400e-003	0.4299	0.0714	0.5013	0.0729	0.0664	0.1393	0.0000	290.4366	290.4366	0.0500	0.0000	291.6857
2021	0.5016	5.5280	3.1838	7.5200e-003	1.7856	0.2416	2.0271	0.7387	0.2230	0.9617	0.0000	679.3380	679.3380	0.1605	0.0000	683.3504
2022	0.4722	4.9596	3.7848	8.1700e-003	0.8785	0.2087	1.0871	0.4384	0.1920	0.6304	0.0000	718.8118	718.8118	0.2255	0.0000	724.4485
2023	0.0995	0.5807	0.8390	3.9800e-003	0.2897	3.7000e-003	0.2934	0.0780	3.4500e-003	0.0814	0.0000	370.7952	370.7952	0.0150	0.0000	371.1708
2024	6.2043	37.5062	51.7531	0.2552	18.9732	0.2289	19.2021	5.1069	0.2136	5.3205	0.0000	23,822.2151	23,822.2151	0.9484	0.0000	23,845.9252
2025	5.8947	36.6636	48.4315	0.2481	18.9007	0.2141	19.1149	5.0874	0.1997	5.2872	0.0000	23,178.6821	23,178.6821	0.9099	0.0000	23,201.4295
2026	5.6597	36.1179	45.7995	0.2427	18.9008	0.2098	19.1106	5.0874	0.1957	5.2832	0.0000	22,695.1026	22,695.1026	0.8790	0.0000	22,717.0766
2027	5.4317	35.6066	43.4690	0.2379	18.9008	0.2034	19.1042	5.0874	0.1898	5.2772	0.0000	22,268.1006	22,268.1006	0.8503	0.0000	22,289.3576
2028	5.1786	35.0349	41.2839	0.2329	18.8284	0.1948	19.0231	5.0679	0.1818	5.2497	0.0000	21,809.8130	21,809.8130	0.8217	0.0000	21,830.3554
2029	4.9393	34.7442	39.4520	0.2301	18.9008	0.1883	19.0891	5.0874	0.1759	5.2633	0.0000	21,561.5491	21,561.5491	0.8008	0.0000	21,581.5696
2030	4.6696	33.7464	37.6399	0.2273	18.9008	0.1323	19.0331	5.0875	0.1244	5.2119	0.0000	21,306.9333	21,306.9333	0.7213	0.0000	21,324.9663
2031	4.3919	33.4534	35.9874	0.2248	18.9008	0.1267	19.0275	5.0875	0.1193	5.2067	0.0000	21,083.7339	21,083.7339	0.7020	0.0000	21,101.2833
2032	4.1557	33.2316	34.5663	0.2232	18.9732	0.1217	19.0949	5.1069	0.1146	5.2216	0.0000	20,940.1116	20,940.1116	0.6869	0.0000	20,957.2831
2033	3.9105	32.6725	32.9846	0.2193	18.8284	0.1158	18.9442	5.0680	0.1092	5.1772	0.0000	20,587.8632	20,587.8632	0.6664	0.0000	20,604.5236
2034	50.7215	33.3722	36.8079	0.2374	21.4099	0.1529	21.5628	5.7535	0.1459	5.8994	0.0000	22,211.1052	22,211.1052	0.6827	0.0000	22,228.1723
2035	1.1376	10.0730	9.7897	0.0677	5.8683	0.0338	5.9021	1.5795	0.0320	1.6115	0.0000	6,355.5774	6,355.5774	0.2007	0.0000	6,360.5955
Maximum	**50.7215**	**37.5062**	**51.7531**	**0.2552**	**21.4099**	**0.2416**	**21.5628**	**5.7535**	**0.2230**	**5.8994**	**0.0000**	**23,822.2151**	**23,822.2151**	**0.9484**	**0.0000**	**23,845.9252**

2.1 Overall Construction

Mitigated Construction

Platinum Triangle Stadium District Project - South Coast AQMD Air District, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0559	1.2828	1.1637	3.1400e-003	0.2039	0.0380	0.2419	0.0386	0.0379	0.0765	0.0000	290.4365	290.4365	0.0500	0.0000	291.6855
2021	0.1595	3.2715	3.5692	7.5200e-003	0.7186	0.1282	0.8467	0.2887	0.1281	0.4168	0.0000	679.3375	679.3375	0.1605	0.0000	683.3499
2022	0.2042	3.8293	4.7642	8.1700e-003	0.3431	0.1659	0.5090	0.1671	0.1659	0.3330	0.0000	718.8109	718.8109	0.2255	0.0000	724.4477
2023	0.0977	0.5803	0.8422	3.9800e-003	0.2897	4.1100e-003	0.2938	0.0780	3.9400e-003	0.0819	0.0000	370.7952	370.7952	0.0150	0.0000	371.1708
2024	6.0998	37.6087	51.9767	0.2552	18.9732	0.2669	19.2401	5.1069	0.2564	5.3633	0.0000	23,822.2148	23,822.2148	0.9484	0.0000	23,845.9248
2025	5.8042	36.8928	48.6650	0.2481	18.9007	0.2632	19.1639	5.0874	0.2529	5.3403	0.0000	23,178.6818	23,178.6818	0.9099	0.0000	23,201.4291
2026	5.5692	36.3471	46.0330	0.2427	18.9008	0.2589	19.1596	5.0874	0.2489	5.3363	0.0000	22,695.1023	22,695.1023	0.8790	0.0000	22,717.0763
2027	5.3412	35.8359	43.7024	0.2379	18.9008	0.2525	19.1532	5.0874	0.2429	5.3304	0.0000	22,268.1002	22,268.1002	0.8503	0.0000	22,289.3572
2028	5.0884	35.2632	41.5165	0.2329	18.8284	0.2436	19.0720	5.0679	0.2347	5.3027	0.0000	21,809.8126	21,809.8126	0.8217	0.0000	21,830.3551
2029	4.8488	34.9734	39.6854	0.2301	18.9008	0.2374	19.1382	5.0874	0.2290	5.3165	0.0000	21,561.5488	21,561.5488	0.8008	0.0000	21,581.5692
2030	4.5867	34.5674	37.8640	0.2273	18.9008	0.2309	19.1317	5.0875	0.2230	5.3104	0.0000	21,306.9329	21,306.9329	0.7213	0.0000	21,324.9659
2031	4.3090	34.2744	36.2115	0.2248	18.9008	0.2253	19.1261	5.0875	0.2179	5.3053	0.0000	21,083.7335	21,083.7335	0.7020	0.0000	21,101.2829
2032	4.0725	34.0558	34.7912	0.2232	18.9732	0.2206	19.1939	5.1069	0.2136	5.3205	0.0000	20,940.1112	20,940.1112	0.6869	0.0000	20,957.2827
2033	3.8280	33.4904	33.2078	0.2193	18.8284	0.2140	19.0424	5.0680	0.2074	5.2754	0.0000	20,587.8628	20,587.8628	0.6664	0.0000	20,604.5232
2034	50.5573	34.6185	37.1649	0.2374	21.4099	0.2840	21.6939	5.7535	0.2770	6.0305	0.0000	22,211.1045	22,211.1045	0.6827	0.0000	22,228.1716
2035	1.1069	10.4554	9.8829	0.0677	5.8683	0.0731	5.9413	1.5795	0.0712	1.6508	0.0000	6,355.5772	6,355.5772	0.2007	0.0000	6,360.5953
Maximum	**50.5573**	**37.6087**	**51.9767**	**0.2552**	**21.4099**	**0.2840**	**21.6939**	**5.7535**	**0.2770**	**6.0305**	**0.0000**	**23,822.2148**	**23,822.2148**	**0.9484**	**0.0000**	**23,845.9248**

Platinum Triangle Stadium District Project - South Coast AQMD Air District, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**1.73**	**-0.53**	**-0.91**	**0.00**	**0.83**	**-26.91**	**0.53**	**1.27**	**-31.66**	**0.05**	**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	**9-7-2020**	**12-6-2020**	1.5890	1.0276
2	**12-7-2020**	**3-6-2021**	1.5081	0.9971
3	**3-7-2021**	**6-6-2021**	1.4753	0.9588
4	**6-7-2021**	**9-6-2021**	1.4625	0.6612
5	**9-7-2021**	**12-6-2021**	1.4795	0.7592
6	**12-7-2021**	**3-6-2022**	1.4422	1.0172
7	**3-7-2022**	**6-6-2022**	1.3997	1.0394
8	**6-7-2022**	**9-6-2022**	1.3996	1.0393
9	**9-7-2022**	**12-6-2022**	1.3847	1.0283
10	**12-7-2022**	**3-6-2023**	0.2587	0.1921
14	**12-7-2023**	**3-6-2024**	8.5993	8.5966
15	**3-7-2024**	**6-6-2024**	10.8508	10.8503
16	**6-7-2024**	**9-6-2024**	10.8062	10.8057
17	**9-7-2024**	**12-6-2024**	10.8082	10.8077
18	**12-7-2024**	**3-6-2025**	10.5559	10.5804
19	**3-7-2025**	**6-6-2025**	10.6084	10.6434
20	**6-7-2025**	**9-6-2025**	10.5663	10.6012
21	**9-7-2025**	**12-6-2025**	10.5644	10.5989
22	**12-7-2025**	**3-6-2026**	10.3492	10.3833
23	**3-7-2026**	**6-6-2026**	10.4170	10.4519
24	**6-7-2026**	**9-6-2026**	10.3768	10.4118
25	**9-7-2026**	**12-6-2026**	10.3716	10.4061
26	**12-7-2026**	**3-6-2027**	10.1635	10.1977

27	**3-7-2027**	**6-6-2027**	10.2356	10.2705
28	**6-7-2027**	**9-6-2027**	10.1976	10.2326
29	**9-7-2027**	**12-6-2027**	10.1886	10.2231
30	**12-7-2027**	**3-6-2028**	10.1024	10.1370
31	**3-7-2028**	**6-6-2028**	10.0706	10.1055
32	**6-7-2028**	**9-6-2028**	10.0348	10.0697
33	**9-7-2028**	**12-6-2028**	10.0216	10.0562
34	**12-7-2028**	**3-6-2029**	9.8213	9.8555
35	**3-7-2029**	**6-6-2029**	9.9018	9.9367
36	**6-7-2029**	**9-6-2029**	9.8685	9.9035
37	**9-7-2029**	**12-6-2029**	9.8503	9.8848
38	**12-7-2029**	**3-6-2030**	9.5452	9.6860
39	**3-7-2030**	**6-6-2030**	9.5859	9.7717
40	**6-7-2030**	**9-6-2030**	9.5554	9.7413
41	**9-7-2030**	**12-6-2030**	9.5332	9.7171
42	**12-7-2030**	**3-6-2031**	9.3521	9.5339
43	**3-7-2031**	**6-6-2031**	9.4443	9.6302
44	**6-7-2031**	**9-6-2031**	9.4167	9.6025
45	**9-7-2031**	**12-6-2031**	9.3885	9.5723
46	**12-7-2031**	**3-6-2032**	9.3031	9.4869
47	**3-7-2032**	**6-6-2032**	9.2957	9.4816
48	**6-7-2032**	**9-6-2032**	9.2708	9.4567
49	**9-7-2032**	**12-6-2032**	9.2368	9.4206
50	**12-7-2032**	**3-6-2033**	9.0633	9.2451
51	**3-7-2033**	**6-6-2033**	9.1668	9.3527
52	**6-7-2033**	**9-6-2033**	9.1443	9.3302
53	**9-7-2033**	**12-6-2033**	9.1052	9.2891

54	**12-7-2033**	**3-6-2034**	12.6356	12.8210
55	**3-7-2034**	**6-6-2034**	23.9477	24.2003
56	**6-7-2034**	**9-6-2034**	24.0770	24.3871
57	**9-7-2034**	**12-6-2034**	23.0847	23.3907
58	**12-7-2034**	**3-6-2035**	9.0023	9.3176
59	**3-7-2035**	**6-6-2035**	4.6723	4.7841
		Highest	24.0770	24.3871

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	50.7985	1.0229	69.5132	0.0555		2.8958	2.8958		2.8958	2.8958	346.3289	258.2449	604.5738	1.7074	3.1200e-003	648.1879
Energy	0.7329	6.4759	4.2261	0.0400		0.5064	0.5064		0.5064	0.5064	0.0000	66,907.9121	66,907.9121	1.7906	0.4747	67,094.1328
Mobile	12.6038	82.8842	158.1036	0.8437	89.8648	0.4125	90.2772	24.0709	0.3834	24.4543	0.0000	78,718.2844	78,718.2844	3.0311	0.0000	78,794.0611
Waste						0.0000	0.0000		0.0000	0.0000	1,642.1847	0.0000	1,642.1847	97.0503	0.0000	4,068.4431
Water						0.0000	0.0000		0.0000	0.0000	300.3575	8,860.9348	9,161.2923	31.0949	0.7792	10,170.8615
Total	**64.1352**	**90.3830**	**231.8429**	**0.9392**	**89.8648**	**3.8146**	**93.6794**	**24.0709**	**3.7855**	**27.8564**	**2,288.8711**	**154,745.3761**	**157,034.2472**	**134.6743**	**1.2570**	**160,775.6864**

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	49.0527	0.7643	53.6582	3.7900e-003		0.3093	0.3093		0.3093	0.3093	0.0000	258.2449	258.2449	0.0883	3.1200e-003	261.3836
Energy	0.6470	5.7127	3.6987	0.0353		0.4470	0.4470		0.4470	0.4470	0.0000	46,956.2048	46,956.2048	1.2455	0.3497	47,091.5476
Mobile	8.5075	62.3340	66.0817	0.2917	25.6915	0.1532	25.8447	6.8817	0.1421	7.0238	0.0000	27,376.1782	27,376.1782	1.3508	0.0000	27,409.9482
Waste						0.0000	0.0000		0.0000	0.0000	410.5462	0.0000	410.5462	24.2626	0.0000	1,017.1108
Water						0.0000	0.0000		0.0000	0.0000	220.7993	6,897.5346	7,118.3339	22.8692	0.5750	7,861.4104
Total	**58.2072**	**68.8109**	**123.4385**	**0.3307**	**25.6915**	**0.9095**	**26.6010**	**6.8817**	**0.8985**	**7.7801**	**631.3455**	**81,488.1624**	**82,119.5079**	**49.8164**	**0.9278**	**83,641.4006**

	ROG	NOx	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	**9.24**	**23.87**	**46.76**	**64.79**	**71.41**	**76.16**	**71.60**	**71.41**	**76.27**	**72.07**	**72.42**	**47.34**	**47.71**	**63.01**	**26.19**	**47.98**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/7/2020	5/28/2021	5	190	
2	Site Preparation	Site Preparation	5/31/2021	11/5/2021	5	115	
3	Grading	Grading	11/8/2021	12/23/2022	5	295	
4	Building Construction	Building Construction	12/26/2023	4/23/2035	5	2955	
5	Architectural Coating	Architectural Coating	2/12/2034	12/1/2034	5	210	
6	Paving	Paving	4/24/2034	2/9/2035	5	210	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 155.9

Acres of Paving: 76.6

Residential Indoor: 12,371,904; Residential Outdoor: 4,123,968; Non-Residential Indoor: 8,254,341; Non-Residential Outdoor: 2,751,447; Striped Parking Area: 747,272 (Architectural Coating – sqft)

OffRoad Equipment

Platinum Triangle Stadium District Project - South Coast AQMD Air District, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
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
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	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	7,506.00	14.70	6.90	23.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	23.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	14.70	6.90	23.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	11,138.00	3,591.00	0.00	14.70	6.90	23.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	2,228.00	0.00	0.00	14.70	6.90	23.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	23.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 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					0.3591	0.0000	0.3591	0.0544	0.0000	0.0544	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1391	1.3944	0.9136	1.6300e-003		0.0697	0.0697		0.0648	0.0648	0.0000	142.7942	142.7942	0.0403	0.0000	143.8019
Total	**0.1391**	**1.3944**	**0.9136**	**1.6300e-003**	**0.3591**	**0.0697**	**0.4287**	**0.0544**	**0.0648**	**0.1191**	**0.0000**	**142.7942**	**142.7942**	**0.0403**	**0.0000**	**143.8019**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0142	0.5115	0.1035	1.4400e-003	0.0640	1.6700e-003	0.0656	0.0167	1.6000e-003	0.0183	0.0000	141.4202	141.4202	9.4800e-003	0.0000	141.6571
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8100e-003	2.1600e-003	0.0239	7.0000e-005	6.9100e-003	5.0000e-005	6.9700e-003	1.8400e-003	5.0000e-005	1.8800e-003	0.0000	6.2223	6.2223	1.8000e-004	0.0000	6.2268
Total	**0.0170**	**0.5136**	**0.1274**	**1.5100e-003**	**0.0709**	**1.7200e-003**	**0.0726**	**0.0185**	**1.6500e-003**	**0.0201**	**0.0000**	**147.6425**	**147.6425**	**9.6600e-003**	**0.0000**	**147.8838**

3.2 Demolition - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1330	0.0000	0.1330	0.0201	0.0000	0.0201	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0388	0.7691	1.0363	1.6300e-003		0.0362	0.0362		0.0362	0.0362	0.0000	142.7940	142.7940	0.0403	0.0000	143.8017
Total	**0.0388**	**0.7691**	**1.0363**	**1.6300e-003**	**0.1330**	**0.0362**	**0.1693**	**0.0201**	**0.0362**	**0.0564**	**0.0000**	**142.7940**	**142.7940**	**0.0403**	**0.0000**	**143.8017**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0142	0.5115	0.1035	1.4400e-003	0.0640	1.6700e-003	0.0656	0.0167	1.6000e-003	0.0183	0.0000	141.4202	141.4202	9.4800e-003	0.0000	141.6571
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8100e-003	2.1600e-003	0.0239	7.0000e-005	6.9100e-003	5.0000e-005	6.9700e-003	1.8400e-003	5.0000e-005	1.8800e-003	0.0000	6.2223	6.2223	1.8000e-004	0.0000	6.2268
Total	**0.0170**	**0.5136**	**0.1274**	**1.5100e-003**	**0.0709**	**1.7200e-003**	**0.0726**	**0.0185**	**1.6500e-003**	**0.0201**	**0.0000**	**147.6425**	**147.6425**	**9.6600e-003**	**0.0000**	**147.8838**

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4531	0.0000	0.4531	0.0686	0.0000	0.0686	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1678	1.6664	1.1430	2.0600e-003		0.0822	0.0822		0.0764	0.0764	0.0000	180.2042	180.2042	0.0507	0.0000	181.4722
Total	**0.1678**	**1.6664**	**1.1430**	**2.0600e-003**	**0.4531**	**0.0822**	**0.5353**	**0.0686**	**0.0764**	**0.1450**	**0.0000**	**180.2042**	**180.2042**	**0.0507**	**0.0000**	**181.4722**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0172	0.5982	0.1292	1.8000e-003	0.0661	1.8900e-003	0.0680	0.0174	1.8100e-003	0.0192	0.0000	176.5773	176.5773	0.0118	0.0000	176.8717
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3100e-003	2.4500e-003	0.0277	8.0000e-005	8.7200e-003	7.0000e-005	8.7900e-003	2.3200e-003	6.0000e-005	2.3800e-003	0.0000	7.5975	7.5975	2.0000e-004	0.0000	7.6026
Total	**0.0205**	**0.6007**	**0.1569**	**1.8800e-003**	**0.0748**	**1.9600e-003**	**0.0768**	**0.0197**	**1.8700e-003**	**0.0216**	**0.0000**	**184.1748**	**184.1748**	**0.0120**	**0.0000**	**184.4743**

3.2 Demolition - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1679	0.0000	0.1679	0.0254	0.0000	0.0254	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0490	0.9706	1.3077	2.0600e-003		0.0457	0.0457		0.0457	0.0457	0.0000	180.2039	180.2039	0.0507	0.0000	181.4720
Total	**0.0490**	**0.9706**	**1.3077**	**2.0600e-003**	**0.1679**	**0.0457**	**0.2136**	**0.0254**	**0.0457**	**0.0711**	**0.0000**	**180.2039**	**180.2039**	**0.0507**	**0.0000**	**181.4720**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0172	0.5982	0.1292	1.8000e-003	0.0661	1.8900e-003	0.0680	0.0174	1.8100e-003	0.0192	0.0000	176.5773	176.5773	0.0118	0.0000	176.8717
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3100e-003	2.4500e-003	0.0277	8.0000e-005	8.7200e-003	7.0000e-005	8.7900e-003	2.3200e-003	6.0000e-005	2.3800e-003	0.0000	7.5975	7.5975	2.0000e-004	0.0000	7.6026
Total	**0.0205**	**0.6007**	**0.1569**	**1.8800e-003**	**0.0748**	**1.9600e-003**	**0.0768**	**0.0197**	**1.8700e-003**	**0.0216**	**0.0000**	**184.1748**	**184.1748**	**0.0120**	**0.0000**	**184.4743**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0388	0.0000	1.0388	0.5710	0.0000	0.5710	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2236	2.3286	1.2164	2.1900e-003		0.1176	0.1176		0.1082	0.1082	0.0000	192.2554	192.2554	0.0622	0.0000	193.8099
Total	**0.2236**	**2.3286**	**1.2164**	**2.1900e-003**	**1.0388**	**0.1176**	**1.1564**	**0.5710**	**0.1082**	**0.6792**	**0.0000**	**192.2554**	**192.2554**	**0.0622**	**0.0000**	**193.8099**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3100e-003	3.1900e-003	0.0361	1.1000e-004	0.0114	9.0000e-005	0.0114	3.0200e-003	8.0000e-005	3.0900e-003	0.0000	9.8911	9.8911	2.7000e-004	0.0000	9.8977
Total	**4.3100e-003**	**3.1900e-003**	**0.0361**	**1.1000e-004**	**0.0114**	**9.0000e-005**	**0.0114**	**3.0200e-003**	**8.0000e-005**	**3.0900e-003**	**0.0000**	**9.8911**	**9.8911**	**2.7000e-004**	**0.0000**	**9.8977**

3.3 Site Preparation - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.3849	0.0000	0.3849	0.2116	0.0000	0.2116	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0535	1.0963	1.3202	2.1900e-003		0.0544	0.0544		0.0544	0.0544	0.0000	192.2551	192.2551	0.0622	0.0000	193.8096
Total	**0.0535**	**1.0963**	**1.3202**	**2.1900e-003**	**0.3849**	**0.0544**	**0.4393**	**0.2116**	**0.0544**	**0.2660**	**0.0000**	**192.2551**	**192.2551**	**0.0622**	**0.0000**	**193.8096**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3100e-003	3.1900e-003	0.0361	1.1000e-004	0.0114	9.0000e-005	0.0114	3.0200e-003	8.0000e-005	3.0900e-003	0.0000	9.8911	9.8911	2.7000e-004	0.0000	9.8977
Total	**4.3100e-003**	**3.1900e-003**	**0.0361**	**1.1000e-004**	**0.0114**	**9.0000e-005**	**0.0114**	**3.0200e-003**	**8.0000e-005**	**3.0900e-003**	**0.0000**	**9.8911**	**9.8911**	**2.7000e-004**	**0.0000**	**9.8977**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2031	0.0000	0.2031	0.0751	0.0000	0.0751	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0838	0.9280	0.6176	1.2400e-003		0.0397	0.0397		0.0365	0.0365	0.0000	108.9900	108.9900	0.0353	0.0000	109.8712
Total	**0.0838**	**0.9280**	**0.6176**	**1.2400e-003**	**0.2031**	**0.0397**	**0.2428**	**0.0751**	**0.0365**	**0.1117**	**0.0000**	**108.9900**	**108.9900**	**0.0353**	**0.0000**	**109.8712**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6700e-003	1.2300e-003	0.0139	4.0000e-005	4.3900e-003	3.0000e-005	4.4200e-003	1.1700e-003	3.0000e-005	1.2000e-003	0.0000	3.8226	3.8226	1.0000e-004	0.0000	3.8252
Total	**1.6700e-003**	**1.2300e-003**	**0.0139**	**4.0000e-005**	**4.3900e-003**	**3.0000e-005**	**4.4200e-003**	**1.1700e-003**	**3.0000e-005**	**1.2000e-003**	**0.0000**	**3.8226**	**3.8226**	**1.0000e-004**	**0.0000**	**3.8252**

3.4 Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0753	0.0000	0.0753	0.0278	0.0000	0.0278	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0305	0.5996	0.7345	1.2400e-003		0.0260	0.0260		0.0260	0.0260	0.0000	108.9898	108.9898	0.0353	0.0000	109.8711
Total	**0.0305**	**0.5996**	**0.7345**	**1.2400e-003**	**0.0753**	**0.0260**	**0.1012**	**0.0278**	**0.0260**	**0.0538**	**0.0000**	**108.9898**	**108.9898**	**0.0353**	**0.0000**	**109.8711**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6700e-003	1.2300e-003	0.0139	4.0000e-005	4.3900e-003	3.0000e-005	4.4200e-003	1.1700e-003	3.0000e-005	1.2000e-003	0.0000	3.8226	3.8226	1.0000e-004	0.0000	3.8252
Total	**1.6700e-003**	**1.2300e-003**	**0.0139**	**4.0000e-005**	**4.3900e-003**	**3.0000e-005**	**4.4200e-003**	**1.1700e-003**	**3.0000e-005**	**1.2000e-003**	**0.0000**	**3.8226**	**3.8226**	**1.0000e-004**	**0.0000**	**3.8252**

3.4 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					0.8505	0.0000	0.8505	0.4310	0.0000	0.4310	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4622	4.9525	3.7028	7.9100e-003		0.2085	0.2085		0.1918	0.1918	0.0000	695.3161	695.3161	0.2249	0.0000	700.9381
Total	**0.4622**	**4.9525**	**3.7028**	**7.9100e-003**	**0.8505**	**0.2085**	**1.0589**	**0.4310**	**0.1918**	**0.6228**	**0.0000**	**695.3161**	**695.3161**	**0.2249**	**0.0000**	**700.9381**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.9800e-003	7.1000e-003	0.0821	2.6000e-004	0.0280	2.0000e-004	0.0282	7.4300e-003	1.9000e-004	7.6200e-003	0.0000	23.4956	23.4956	5.9000e-004	0.0000	23.5104
Total	**9.9800e-003**	**7.1000e-003**	**0.0821**	**2.6000e-004**	**0.0280**	**2.0000e-004**	**0.0282**	**7.4300e-003**	**1.9000e-004**	**7.6200e-003**	**0.0000**	**23.4956**	**23.4956**	**5.9000e-004**	**0.0000**	**23.5104**

3.4 Grading - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.3151	0.0000	0.3151	0.1597	0.0000	0.1597	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1942	3.8222	4.6821	7.9100e-003		0.1657	0.1657		0.1657	0.1657	0.0000	695.3153	695.3153	0.2249	0.0000	700.9373
Total	**0.1942**	**3.8222**	**4.6821**	**7.9100e-003**	**0.3151**	**0.1657**	**0.4808**	**0.1597**	**0.1657**	**0.3254**	**0.0000**	**695.3153**	**695.3153**	**0.2249**	**0.0000**	**700.9373**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.9800e-003	7.1000e-003	0.0821	2.6000e-004	0.0280	2.0000e-004	0.0282	7.4300e-003	1.9000e-004	7.6200e-003	0.0000	23.4956	23.4956	5.9000e-004	0.0000	23.5104
Total	**9.9800e-003**	**7.1000e-003**	**0.0821**	**2.6000e-004**	**0.0280**	**2.0000e-004**	**0.0282**	**7.4300e-003**	**1.9000e-004**	**7.6200e-003**	**0.0000**	**23.4956**	**23.4956**	**5.9000e-004**	**0.0000**	**23.5104**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.1500e-003	0.0288	0.0325	5.0000e-005		1.4000e-003	1.4000e-003		1.3200e-003	1.3200e-003	0.0000	4.6361	4.6361	1.1000e-003	0.0000	4.6637
Total	**3.1500e-003**	**0.0288**	**0.0325**	**5.0000e-005**		**1.4000e-003**	**1.4000e-003**		**1.3200e-003**	**1.3200e-003**	**0.0000**	**4.6361**	**4.6361**	**1.1000e-003**	**0.0000**	**4.6637**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0143	0.4958	0.1456	1.7400e-003	0.0453	5.6000e-004	0.0458	0.0131	5.4000e-004	0.0136	0.0000	168.5634	168.5634	9.2800e-003	0.0000	168.7953
Worker	0.0821	0.0561	0.6609	2.1800e-003	0.2444	1.7300e-003	0.2461	0.0649	1.6000e-003	0.0665	0.0000	197.5957	197.5957	4.6500e-003	0.0000	197.7119
Total	**0.0964**	**0.5519**	**0.8065**	**3.9200e-003**	**0.2897**	**2.2900e-003**	**0.2920**	**0.0780**	**2.1400e-003**	**0.0801**	**0.0000**	**366.1591**	**366.1591**	**0.0139**	**0.0000**	**366.5072**

3.5 Building Construction - 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	1.3500e-003	0.0285	0.0358	5.0000e-005		1.8100e-003	1.8100e-003		1.8100e-003	1.8100e-003	0.0000	4.6361	4.6361	1.1000e-003	0.0000	4.6637
Total	**1.3500e-003**	**0.0285**	**0.0358**	**5.0000e-005**		**1.8100e-003**	**1.8100e-003**		**1.8100e-003**	**1.8100e-003**	**0.0000**	**4.6361**	**4.6361**	**1.1000e-003**	**0.0000**	**4.6637**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0143	0.4958	0.1456	1.7400e-003	0.0453	5.6000e-004	0.0458	0.0131	5.4000e-004	0.0136	0.0000	168.5634	168.5634	9.2800e-003	0.0000	168.7953
Worker	0.0821	0.0561	0.6609	2.1800e-003	0.2444	1.7300e-003	0.2461	0.0649	1.6000e-003	0.0665	0.0000	197.5957	197.5957	4.6500e-003	0.0000	197.7119
Total	**0.0964**	**0.5519**	**0.8065**	**3.9200e-003**	**0.2897**	**2.2900e-003**	**0.2920**	**0.0780**	**2.1400e-003**	**0.0801**	**0.0000**	**366.1591**	**366.1591**	**0.0139**	**0.0000**	**366.5072**

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7223	303.7223	0.0718	0.0000	305.5179
Total	**0.1928**	**1.7611**	**2.1179**	**3.5300e-003**		**0.0803**	**0.0803**		**0.0756**	**0.0756**	**0.0000**	**303.7223**	**303.7223**	**0.0718**	**0.0000**	**305.5179**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.9166	32.3989	9.2584	0.1133	2.9652	0.0365	3.0017	0.8556	0.0349	0.8905	0.0000	11,001.8924	11,001.8924	0.5979	0.0000	11,016.8397
Worker	5.0949	3.3462	40.3768	0.1384	16.0080	0.1121	16.1201	4.2513	0.1032	4.3545	0.0000	12,516.6004	12,516.6004	0.2787	0.0000	12,523.5677
Total	**6.0115**	**35.7451**	**49.6352**	**0.2517**	**18.9732**	**0.1486**	**19.1217**	**5.1069**	**0.1381**	**5.2450**	**0.0000**	**23,518.4928**	**23,518.4928**	**0.8766**	**0.0000**	**23,540.4073**

3.5 Building Construction - 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	0.0883	1.8636	2.3415	3.5300e-003		0.1184	0.1184		0.1184	0.1184	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175
Total	**0.0883**	**1.8636**	**2.3415**	**3.5300e-003**		**0.1184**	**0.1184**		**0.1184**	**0.1184**	**0.0000**	**303.7220**	**303.7220**	**0.0718**	**0.0000**	**305.5175**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.9166	32.3989	9.2584	0.1133	2.9652	0.0365	3.0017	0.8556	0.0349	0.8905	0.0000	11,001.8924	11,001.8924	0.5979	0.0000	11,016.8397
Worker	5.0949	3.3462	40.3768	0.1384	16.0080	0.1121	16.1201	4.2513	0.1032	4.3545	0.0000	12,516.6004	12,516.6004	0.2787	0.0000	12,523.5677
Total	**6.0115**	**35.7451**	**49.6352**	**0.2517**	**18.9732**	**0.1486**	**19.1217**	**5.1069**	**0.1381**	**5.2450**	**0.0000**	**23,518.4928**	**23,518.4928**	**0.8766**	**0.0000**	**23,540.4073**

3.5 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	**0.1785**	**1.6273**	**2.0991**	**3.5200e-003**		**0.0689**	**0.0689**		**0.0648**	**0.0648**	**0.0000**	**302.6549**	**302.6549**	**0.0711**	**0.0000**	**304.4335**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.8899	31.9884	8.9784	0.1122	2.9538	0.0358	2.9896	0.8523	0.0342	0.8865	0.0000	10,898.3665	10,898.3665	0.5858	0.0000	10,913.0124
Worker	4.8264	3.0480	37.3540	0.1324	15.9469	0.1095	16.0564	4.2351	0.1008	4.3359	0.0000	11,977.6607	11,977.6607	0.2529	0.0000	11,983.9836
Total	**5.7163**	**35.0363**	**46.3324**	**0.2446**	**18.9007**	**0.1453**	**19.0460**	**5.0874**	**0.1350**	**5.2224**	**0.0000**	**22,876.0272**	**22,876.0272**	**0.8388**	**0.0000**	**22,896.9960**

3.5 Building Construction - 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	0.0879	1.8565	2.3325	3.5200e-003		0.1179	0.1179		0.1179	0.1179	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	**0.0879**	**1.8565**	**2.3325**	**3.5200e-003**		**0.1179**	**0.1179**		**0.1179**	**0.1179**	**0.0000**	**302.6545**	**302.6545**	**0.0711**	**0.0000**	**304.4331**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.8899	31.9884	8.9784	0.1122	2.9538	0.0358	2.9896	0.8523	0.0342	0.8865	0.0000	10,898.3665	10,898.3665	0.5858	0.0000	10,913.0124
Worker	4.8264	3.0480	37.3540	0.1324	15.9469	0.1095	16.0564	4.2351	0.1008	4.3359	0.0000	11,977.6607	11,977.6607	0.2529	0.0000	11,983.9836
Total	**5.7163**	**35.0363**	**46.3324**	**0.2446**	**18.9007**	**0.1453**	**19.0460**	**5.0874**	**0.1350**	**5.2224**	**0.0000**	**22,876.0272**	**22,876.0272**	**0.8388**	**0.0000**	**22,896.9960**

3.5 Building Construction - 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	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	**0.1785**	**1.6273**	**2.0991**	**3.5200e-003**		**0.0689**	**0.0689**		**0.0648**	**0.0648**	**0.0000**	**302.6549**	**302.6549**	**0.0711**	**0.0000**	**304.4335**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.8696	31.6846	8.7903	0.1115	2.9539	0.0351	2.9889	0.8523	0.0335	0.8858	0.0000	10,839.4341	10,839.4341	0.5762	0.0000	10,853.8387
Worker	4.6117	2.8060	34.9101	0.1277	15.9469	0.1059	16.0528	4.2351	0.0975	4.3326	0.0000	11,553.0136	11,553.0136	0.2316	0.0000	11,558.8044
Total	**5.4813**	**34.4906**	**43.7004**	**0.2392**	**18.9008**	**0.1410**	**19.0417**	**5.0874**	**0.1310**	**5.2184**	**0.0000**	**22,392.4477**	**22,392.4477**	**0.8078**	**0.0000**	**22,412.6431**

3.5 Building Construction - 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	0.0879	1.8565	2.3325	3.5200e-003		0.1179	0.1179		0.1179	0.1179	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	**0.0879**	**1.8565**	**2.3325**	**3.5200e-003**		**0.1179**	**0.1179**		**0.1179**	**0.1179**	**0.0000**	**302.6545**	**302.6545**	**0.0711**	**0.0000**	**304.4331**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.8696	31.6846	8.7903	0.1115	2.9539	0.0351	2.9889	0.8523	0.0335	0.8858	0.0000	10,839.4341	10,839.4341	0.5762	0.0000	10,853.8387
Worker	4.6117	2.8060	34.9101	0.1277	15.9469	0.1059	16.0528	4.2351	0.0975	4.3326	0.0000	11,553.0136	11,553.0136	0.2316	0.0000	11,558.8044
Total	**5.4813**	**34.4906**	**43.7004**	**0.2392**	**18.9008**	**0.1410**	**19.0417**	**5.0874**	**0.1310**	**5.2184**	**0.0000**	**22,392.4477**	**22,392.4477**	**0.8078**	**0.0000**	**22,412.6431**

3.5 Building Construction - 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	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	**0.1785**	**1.6273**	**2.0991**	**3.5200e-003**		**0.0689**	**0.0689**		**0.0648**	**0.0648**	**0.0000**	**302.6549**	**302.6549**	**0.0711**	**0.0000**	**304.4335**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.8525	31.3912	8.6386	0.1109	2.9539	0.0344	2.9883	0.8523	0.0329	0.8852	0.0000	10,786.8659	10,786.8659	0.5667	0.0000	10,801.0324
Worker	4.4008	2.5882	32.7313	0.1235	15.9469	0.1001	16.0470	4.2351	0.0921	4.3272	0.0000	11,178.5798	11,178.5798	0.2125	0.0000	11,183.8917
Total	**5.2533**	**33.9794**	**41.3699**	**0.2344**	**18.9008**	**0.1345**	**19.0353**	**5.0874**	**0.1250**	**5.2125**	**0.0000**	**21,965.4457**	**21,965.4457**	**0.7791**	**0.0000**	**21,984.9241**

3.5 Building Construction - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0879	1.8565	2.3325	3.5200e-003		0.1179	0.1179		0.1179	0.1179	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	**0.0879**	**1.8565**	**2.3325**	**3.5200e-003**		**0.1179**	**0.1179**		**0.1179**	**0.1179**	**0.0000**	**302.6545**	**302.6545**	**0.0711**	**0.0000**	**304.4331**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.8525	31.3912	8.6386	0.1109	2.9539	0.0344	2.9883	0.8523	0.0329	0.8852	0.0000	10,786.8659	10,786.8659	0.5667	0.0000	10,801.0324
Worker	4.4008	2.5882	32.7313	0.1235	15.9469	0.1001	16.0470	4.2351	0.0921	4.3272	0.0000	11,178.5798	11,178.5798	0.2125	0.0000	11,183.8917
Total	**5.2533**	**33.9794**	**41.3699**	**0.2344**	**18.9008**	**0.1345**	**19.0353**	**5.0874**	**0.1250**	**5.2125**	**0.0000**	**21,965.4457**	**21,965.4457**	**0.7791**	**0.0000**	**21,984.9241**

3.5 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4953	301.4953	0.0709	0.0000	303.2671
Total	**0.1778**	**1.6211**	**2.0910**	**3.5000e-003**		**0.0686**	**0.0686**		**0.0645**	**0.0645**	**0.0000**	**301.4953**	**301.4953**	**0.0709**	**0.0000**	**303.2671**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.8348	31.0303	8.4894	0.1100	2.9426	0.0338	2.9763	0.8491	0.0323	0.8813	0.0000	10,701.0239	10,701.0239	0.5556	0.0000	10,714.9141
Worker	4.1661	2.3835	30.7035	0.1194	15.8858	0.0924	15.9782	4.2189	0.0850	4.3039	0.0000	10,807.2938	10,807.2938	0.1952	0.0000	10,812.1742
Total	**5.0008**	**33.4139**	**39.1929**	**0.2294**	**18.8284**	**0.1262**	**18.9545**	**5.0679**	**0.1173**	**5.1852**	**0.0000**	**21,508.3177**	**21,508.3177**	**0.7508**	**0.0000**	**21,527.0884**

3.5 Building Construction - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0876	1.8494	2.3236	3.5000e-003		0.1175	0.1175		0.1175	0.1175	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667
Total	**0.0876**	**1.8494**	**2.3236**	**3.5000e-003**		**0.1175**	**0.1175**		**0.1175**	**0.1175**	**0.0000**	**301.4949**	**301.4949**	**0.0709**	**0.0000**	**303.2667**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.8348	31.0303	8.4894	0.1100	2.9426	0.0338	2.9763	0.8491	0.0323	0.8813	0.0000	10,701.0239	10,701.0239	0.5556	0.0000	10,714.9141
Worker	4.1661	2.3835	30.7035	0.1194	15.8858	0.0924	15.9782	4.2189	0.0850	4.3039	0.0000	10,807.2938	10,807.2938	0.1952	0.0000	10,812.1742
Total	**5.0008**	**33.4139**	**39.1929**	**0.2294**	**18.8284**	**0.1262**	**18.9545**	**5.0679**	**0.1173**	**5.1852**	**0.0000**	**21,508.3177**	**21,508.3177**	**0.7508**	**0.0000**	**21,527.0884**

3.5 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	**0.1785**	**1.6273**	**2.0991**	**3.5200e-003**		**0.0689**	**0.0689**		**0.0648**	**0.0648**	**0.0000**	**302.6549**	**302.6549**	**0.0711**	**0.0000**	**304.4335**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.8247	30.9132	8.4132	0.1100	2.9539	0.0333	2.9872	0.8523	0.0318	0.8842	0.0000	10,702.3949	10,702.3949	0.5499	0.0000	10,716.1419
Worker	3.9362	2.2038	28.9398	0.1166	15.9469	0.0862	16.0331	4.2351	0.0793	4.3144	0.0000	10,556.4994	10,556.4994	0.1798	0.0000	10,560.9942
Total	**4.7609**	**33.1169**	**37.3529**	**0.2266**	**18.9008**	**0.1195**	**19.0203**	**5.0874**	**0.1111**	**5.1985**	**0.0000**	**21,258.8943**	**21,258.8943**	**0.7297**	**0.0000**	**21,277.1361**

3.5 Building Construction - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0879	1.8565	2.3325	3.5200e-003		0.1179	0.1179		0.1179	0.1179	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	**0.0879**	**1.8565**	**2.3325**	**3.5200e-003**		**0.1179**	**0.1179**		**0.1179**	**0.1179**	**0.0000**	**302.6545**	**302.6545**	**0.0711**	**0.0000**	**304.4331**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.8247	30.9132	8.4132	0.1100	2.9539	0.0333	2.9872	0.8523	0.0318	0.8842	0.0000	10,702.3949	10,702.3949	0.5499	0.0000	10,716.1419
Worker	3.9362	2.2038	28.9398	0.1166	15.9469	0.0862	16.0331	4.2351	0.0793	4.3144	0.0000	10,556.4994	10,556.4994	0.1798	0.0000	10,560.9942
Total	**4.7609**	**33.1169**	**37.3529**	**0.2266**	**18.9008**	**0.1195**	**19.0203**	**5.0874**	**0.1111**	**5.1985**	**0.0000**	**21,258.8943**	**21,258.8943**	**0.7297**	**0.0000**	**21,277.1361**

3.5 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
Total	**0.1708**	**1.0355**	**2.1085**	**4.0400e-003**		**0.0193**	**0.0193**		**0.0193**	**0.0193**	**0.0000**	**343.0336**	**343.0336**	**0.0138**	**0.0000**	**343.3777**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.8134	30.6858	8.3306	0.1096	2.9539	0.0327	2.9866	0.8523	0.0313	0.8836	0.0000	10,666.7361	10,666.7361	0.5426	0.0000	10,680.3022
Worker	3.6853	2.0251	27.2009	0.1137	15.9469	0.0802	16.0271	4.2351	0.0738	4.3089	0.0000	10,297.1636	10,297.1636	0.1649	0.0000	10,301.2865
Total	**4.4987**	**32.7109**	**35.5315**	**0.2233**	**18.9008**	**0.1130**	**19.0138**	**5.0875**	**0.1051**	**5.1925**	**0.0000**	**20,963.8997**	**20,963.8997**	**0.7076**	**0.0000**	**20,981.5887**

3.5 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0879	1.8565	2.3325	4.0400e-003		0.1179	0.1179		0.1179	0.1179	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
Total	**0.0879**	**1.8565**	**2.3325**	**4.0400e-003**		**0.1179**	**0.1179**		**0.1179**	**0.1179**	**0.0000**	**343.0332**	**343.0332**	**0.0138**	**0.0000**	**343.3773**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.8134	30.6858	8.3306	0.1096	2.9539	0.0327	2.9866	0.8523	0.0313	0.8836	0.0000	10,666.7361	10,666.7361	0.5426	0.0000	10,680.3022
Worker	3.6853	2.0251	27.2009	0.1137	15.9469	0.0802	16.0271	4.2351	0.0738	4.3089	0.0000	10,297.1636	10,297.1636	0.1649	0.0000	10,301.2865
Total	**4.4987**	**32.7109**	**35.5315**	**0.2233**	**18.9008**	**0.1130**	**19.0138**	**5.0875**	**0.1051**	**5.1925**	**0.0000**	**20,963.8997**	**20,963.8997**	**0.7076**	**0.0000**	**20,981.5887**

3.5 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
Total	**0.1708**	**1.0355**	**2.1085**	**4.0400e-003**		**0.0193**	**0.0193**		**0.0193**	**0.0193**	**0.0000**	**343.0336**	**343.0336**	**0.0138**	**0.0000**	**343.3777**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.8097	30.5686	8.3097	0.1094	2.9539	0.0323	2.9863	0.8523	0.0309	0.8832	0.0000	10,656.4264	10,656.4264	0.5370	0.0000	10,669.8526
Worker	3.4113	1.8494	25.5692	0.1114	15.9469	0.0751	16.0220	4.2351	0.0690	4.3042	0.0000	10,084.2738	10,084.2738	0.1512	0.0000	10,088.0531
Total	**4.2210**	**32.4179**	**33.8789**	**0.2208**	**18.9008**	**0.1074**	**19.0082**	**5.0875**	**0.0999**	**5.1874**	**0.0000**	**20,740.7002**	**20,740.7002**	**0.6882**	**0.0000**	**20,757.9057**

3.5 Building Construction - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0879	1.8565	2.3325	4.0400e-003		0.1179	0.1179		0.1179	0.1179	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
Total	**0.0879**	**1.8565**	**2.3325**	**4.0400e-003**		**0.1179**	**0.1179**		**0.1179**	**0.1179**	**0.0000**	**343.0332**	**343.0332**	**0.0138**	**0.0000**	**343.3773**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.8097	30.5686	8.3097	0.1094	2.9539	0.0323	2.9863	0.8523	0.0309	0.8832	0.0000	10,656.4264	10,656.4264	0.5370	0.0000	10,669.8526
Worker	3.4113	1.8494	25.5692	0.1114	15.9469	0.0751	16.0220	4.2351	0.0690	4.3042	0.0000	10,084.2738	10,084.2738	0.1512	0.0000	10,088.0531
Total	**4.2210**	**32.4179**	**33.8789**	**0.2208**	**18.9008**	**0.1074**	**19.0082**	**5.0875**	**0.0999**	**5.1874**	**0.0000**	**20,740.7002**	**20,740.7002**	**0.6882**	**0.0000**	**20,757.9057**

3.5 Building Construction - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3479	344.3479	0.0138	0.0000	344.6933
Total	**0.1715**	**1.0394**	**2.1166**	**4.0600e-003**		**0.0194**	**0.0194**		**0.0194**	**0.0194**	**0.0000**	**344.3479**	**344.3479**	**0.0138**	**0.0000**	**344.6933**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.8057	30.4895	8.3044	0.1096	2.9652	0.0320	2.9973	0.8556	0.0306	0.8862	0.0000	10,676.0416	10,676.0416	0.5340	0.0000	10,689.3915
Worker	3.1785	1.7026	24.1453	0.1095	16.0080	0.0703	16.0783	4.2513	0.0646	4.3160	0.0000	9,919.7221	9,919.7221	0.1391	0.0000	9,923.1983
Total	**3.9842**	**32.1922**	**32.4497**	**0.2191**	**18.9732**	**0.1023**	**19.0755**	**5.1069**	**0.0952**	**5.2022**	**0.0000**	**20,595.7637**	**20,595.7637**	**0.6730**	**0.0000**	**20,612.5898**

3.5 Building Construction - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0883	1.8636	2.3415	4.0600e-003		0.1184	0.1184		0.1184	0.1184	0.0000	344.3475	344.3475	0.0138	0.0000	344.6929
Total	**0.0883**	**1.8636**	**2.3415**	**4.0600e-003**		**0.1184**	**0.1184**		**0.1184**	**0.1184**	**0.0000**	**344.3475**	**344.3475**	**0.0138**	**0.0000**	**344.6929**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.8057	30.4895	8.3044	0.1096	2.9652	0.0320	2.9973	0.8556	0.0306	0.8862	0.0000	10,676.0416	10,676.0416	0.5340	0.0000	10,689.3915
Worker	3.1785	1.7026	24.1453	0.1095	16.0080	0.0703	16.0783	4.2513	0.0646	4.3160	0.0000	9,919.7221	9,919.7221	0.1391	0.0000	9,923.1983
Total	**3.9842**	**32.1922**	**32.4497**	**0.2191**	**18.9732**	**0.1023**	**19.0755**	**5.1069**	**0.0952**	**5.2022**	**0.0000**	**20,595.7637**	**20,595.7637**	**0.6730**	**0.0000**	**20,612.5898**

3.5 Building Construction - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621
Total	**0.1702**	**1.0315**	**2.1004**	**4.0200e-003**		**0.0193**	**0.0193**		**0.0193**	**0.0193**	**0.0000**	**341.7193**	**341.7193**	**0.0137**	**0.0000**	**342.0621**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.7946	30.0806	8.2163	0.1086	2.9426	0.0314	2.9740	0.8491	0.0300	0.8791	0.0000	10,578.1583	10,578.1583	0.5255	0.0000	10,591.2955
Worker	2.9458	1.5604	22.6679	0.1067	15.8858	0.0651	15.9510	4.2189	0.0599	4.2788	0.0000	9,667.9856	9,667.9856	0.1272	0.0000	9,671.1660
Total	**3.7404**	**31.6410**	**30.8842**	**0.2153**	**18.8284**	**0.0966**	**18.9250**	**5.0680**	**0.0899**	**5.1579**	**0.0000**	**20,246.1439**	**20,246.1439**	**0.6527**	**0.0000**	**20,262.4615**

3.5 Building Construction - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0876	1.8494	2.3236	4.0200e-003		0.1175	0.1175		0.1175	0.1175	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
Total	**0.0876**	**1.8494**	**2.3236**	**4.0200e-003**		**0.1175**	**0.1175**		**0.1175**	**0.1175**	**0.0000**	**341.7189**	**341.7189**	**0.0137**	**0.0000**	**342.0617**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.7946	30.0806	8.2163	0.1086	2.9426	0.0314	2.9740	0.8491	0.0300	0.8791	0.0000	10,578.1583	10,578.1583	0.5255	0.0000	10,591.2955
Worker	2.9458	1.5604	22.6679	0.1067	15.8858	0.0651	15.9510	4.2189	0.0599	4.2788	0.0000	9,667.9856	9,667.9856	0.1272	0.0000	9,671.1660
Total	**3.7404**	**31.6410**	**30.8842**	**0.2153**	**18.8284**	**0.0966**	**18.9250**	**5.0680**	**0.0899**	**5.1579**	**0.0000**	**20,246.1439**	**20,246.1439**	**0.6527**	**0.0000**	**20,262.4615**

3.5 Building Construction - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621
Total	**0.1702**	**1.0315**	**2.1004**	**4.0200e-003**		**0.0193**	**0.0193**		**0.0193**	**0.0193**	**0.0000**	**341.7193**	**341.7193**	**0.0137**	**0.0000**	**342.0621**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.7901	29.9218	8.1898	0.1084	2.9426	0.0310	2.9737	0.8491	0.0297	0.8787	0.0000	10,565.7585	10,565.7585	0.5217	0.0000	10,578.8020
Worker	2.7702	1.4522	21.4215	0.1050	15.8858	0.0608	15.9466	4.2189	0.0560	4.2748	0.0000	9,513.9133	9,513.9133	0.1170	0.0000	9,516.8376
Total	**3.5603**	**31.3740**	**29.6113**	**0.2134**	**18.8284**	**0.0919**	**18.9203**	**5.0680**	**0.0856**	**5.1536**	**0.0000**	**20,079.6718**	**20,079.6718**	**0.6387**	**0.0000**	**20,095.6397**

3.5 Building Construction - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0876	1.8494	2.3236	4.0200e-003		0.1175	0.1175		0.1175	0.1175	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
Total	**0.0876**	**1.8494**	**2.3236**	**4.0200e-003**		**0.1175**	**0.1175**		**0.1175**	**0.1175**	**0.0000**	**341.7189**	**341.7189**	**0.0137**	**0.0000**	**342.0617**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.7901	29.9218	8.1898	0.1084	2.9426	0.0310	2.9737	0.8491	0.0297	0.8787	0.0000	10,565.7585	10,565.7585	0.5217	0.0000	10,578.8020
Worker	2.7702	1.4522	21.4215	0.1050	15.8858	0.0608	15.9466	4.2189	0.0560	4.2748	0.0000	9,513.9133	9,513.9133	0.1170	0.0000	9,516.8376
Total	**3.5603**	**31.3740**	**29.6113**	**0.2134**	**18.8284**	**0.0919**	**18.9203**	**5.0680**	**0.0856**	**5.1536**	**0.0000**	**20,079.6718**	**20,079.6718**	**0.6387**	**0.0000**	**20,095.6397**

3.5 Building Construction - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0493	0.2900	0.6528	1.2500e-003		3.6600e-003	3.6600e-003		3.6600e-003	3.6600e-003	0.0000	106.4587	106.4587	3.9700e-003	0.0000	106.5578
Total	**0.0493**	**0.2900**	**0.6528**	**1.2500e-003**		**3.6600e-003**	**3.6600e-003**		**3.6600e-003**	**3.6600e-003**	**0.0000**	**106.4587**	**106.4587**	**3.9700e-003**	**0.0000**	**106.5578**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2450	9.2819	2.5435	0.0337	0.9167	9.5800e-003	0.9263	0.2645	9.1500e-003	0.2737	0.0000	3,288.6594	3,288.6594	0.1615	0.0000	3,292.6974
Worker	0.8175	0.4277	6.3530	0.0323	4.9490	0.0178	4.9668	1.3144	0.0163	1.3307	0.0000	2,922.8521	2,922.8521	0.0338	0.0000	2,923.6978
Total	**1.0625**	**9.7096**	**8.8965**	**0.0660**	**5.8658**	**0.0273**	**5.8931**	**1.5789**	**0.0255**	**1.6044**	**0.0000**	**6,211.5115**	**6,211.5115**	**0.1954**	**0.0000**	**6,216.3953**

3.5 Building Construction - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0273	0.5762	0.7239	1.2500e-003		0.0366	0.0366		0.0366	0.0366	0.0000	106.4586	106.4586	3.9700e-003	0.0000	106.5577
Total	**0.0273**	**0.5762**	**0.7239**	**1.2500e-003**		**0.0366**	**0.0366**		**0.0366**	**0.0366**	**0.0000**	**106.4586**	**106.4586**	**3.9700e-003**	**0.0000**	**106.5577**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2450	9.2819	2.5435	0.0337	0.9167	9.5800e-003	0.9263	0.2645	9.1500e-003	0.2737	0.0000	3,288.6594	3,288.6594	0.1615	0.0000	3,292.6974
Worker	0.8175	0.4277	6.3530	0.0323	4.9490	0.0178	4.9668	1.3144	0.0163	1.3307	0.0000	2,922.8521	2,922.8521	0.0338	0.0000	2,923.6978
Total	**1.0625**	**9.7096**	**8.8965**	**0.0660**	**5.8658**	**0.0273**	**5.8931**	**1.5789**	**0.0255**	**1.6044**	**0.0000**	**6,211.5115**	**6,211.5115**	**0.1954**	**0.0000**	**6,216.3953**

3.6 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	46.3523					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0137	0.0899	0.1888	3.1000e-004		2.1300e-003	2.1300e-003		2.1300e-003	2.1300e-003	0.0000	26.8092	26.8092	1.0900e-003	0.0000	26.8363
Total	**46.3660**	**0.0899**	**0.1888**	**3.1000e-004**		**2.1300e-003**	**2.1300e-003**		**2.1300e-003**	**2.1300e-003**	**0.0000**	**26.8092**	**26.8092**	**1.0900e-003**	**0.0000**	**26.8363**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4476	0.2346	3.4610	0.0170	2.5666	9.8300e-003	2.5765	0.6816	9.0400e-003	0.6907	0.0000	1,537.1389	1,537.1389	0.0189	0.0000	1,537.6114
Total	**0.4476**	**0.2346**	**3.4610**	**0.0170**	**2.5666**	**9.8300e-003**	**2.5765**	**0.6816**	**9.0400e-003**	**0.6907**	**0.0000**	**1,537.1389**	**1,537.1389**	**0.0189**	**0.0000**	**1,537.6114**

3.6 Architectural Coating - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	46.3523					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.2400e-003	0.1425	0.1924	3.1000e-004		9.9800e-003	9.9800e-003		9.9800e-003	9.9800e-003	0.0000	26.8091	26.8091	1.0900e-003	0.0000	26.8363
Total	**46.3586**	**0.1425**	**0.1924**	**3.1000e-004**		**9.9800e-003**	**9.9800e-003**		**9.9800e-003**	**9.9800e-003**	**0.0000**	**26.8091**	**26.8091**	**1.0900e-003**	**0.0000**	**26.8363**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4476	0.2346	3.4610	0.0170	2.5666	9.8300e-003	2.5765	0.6816	9.0400e-003	0.6907	0.0000	1,537.1389	1,537.1389	0.0189	0.0000	1,537.6114
Total	**0.4476**	**0.2346**	**3.4610**	**0.0170**	**2.5666**	**9.8300e-003**	**2.5765**	**0.6816**	**9.0400e-003**	**0.6907**	**0.0000**	**1,537.1389**	**1,537.1389**	**0.0189**	**0.0000**	**1,537.6114**

3.7 Paving - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1246	0.6408	1.4265	2.5200e-003		0.0298	0.0298		0.0298	0.0298	0.0000	216.8956	216.8956	0.0102	0.0000	217.1498
Paving	0.0502					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1748**	**0.6408**	**1.4265**	**2.5200e-003**		**0.0298**	**0.0298**		**0.0298**	**0.0298**	**0.0000**	**216.8956**	**216.8956**	**0.0102**	**0.0000**	**217.1498**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5800e-003	1.3500e-003	0.0200	1.0000e-004	0.0148	6.0000e-005	0.0149	3.9300e-003	5.0000e-005	3.9900e-003	0.0000	8.8704	8.8704	1.1000e-004	0.0000	8.8731
Total	**2.5800e-003**	**1.3500e-003**	**0.0200**	**1.0000e-004**	**0.0148**	**6.0000e-005**	**0.0149**	**3.9300e-003**	**5.0000e-005**	**3.9900e-003**	**0.0000**	**8.8704**	**8.8704**	**1.1000e-004**	**0.0000**	**8.8731**

3.7 Paving - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0505	1.0166	1.5566	2.5200e-003		0.0548	0.0548		0.0548	0.0548	0.0000	216.8954	216.8954	0.0102	0.0000	217.1496
Paving	0.0502					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1007**	**1.0166**	**1.5566**	**2.5200e-003**		**0.0548**	**0.0548**		**0.0548**	**0.0548**	**0.0000**	**216.8954**	**216.8954**	**0.0102**	**0.0000**	**217.1496**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5800e-003	1.3500e-003	0.0200	1.0000e-004	0.0148	6.0000e-005	0.0149	3.9300e-003	5.0000e-005	3.9900e-003	0.0000	8.8704	8.8704	1.1000e-004	0.0000	8.8731
Total	**2.5800e-003**	**1.3500e-003**	**0.0200**	**1.0000e-004**	**0.0148**	**6.0000e-005**	**0.0149**	**3.9300e-003**	**5.0000e-005**	**3.9900e-003**	**0.0000**	**8.8704**	**8.8704**	**1.1000e-004**	**0.0000**	**8.8731**

3.7 Paving - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0171	0.0731	0.2373	4.2000e-004		2.8100e-003	2.8100e-003		2.8100e-003	2.8100e-003	0.0000	36.1493	36.1493	1.3900e-003	0.0000	36.1841
Paving	8.3700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0255**	**0.0731**	**0.2373**	**4.2000e-004**		**2.8100e-003**	**2.8100e-003**		**2.8100e-003**	**2.8100e-003**	**0.0000**	**36.1493**	**36.1493**	**1.3900e-003**	**0.0000**	**36.1841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1000e-004	2.1000e-004	3.1700e-003	2.0000e-005	2.4700e-003	1.0000e-005	2.4800e-003	6.6000e-004	1.0000e-005	6.6000e-004	0.0000	1.4579	1.4579	2.0000e-005	0.0000	1.4583
Total	**4.1000e-004**	**2.1000e-004**	**3.1700e-003**	**2.0000e-005**	**2.4700e-003**	**1.0000e-005**	**2.4800e-003**	**6.6000e-004**	**1.0000e-005**	**6.6000e-004**	**0.0000**	**1.4579**	**1.4579**	**2.0000e-005**	**0.0000**	**1.4583**

3.7 Paving - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.4100e-003	0.1694	0.2594	4.2000e-004		9.1400e-003	9.1400e-003		9.1400e-003	9.1400e-003	0.0000	36.1492	36.1492	1.3900e-003	0.0000	36.1840
Paving	8.3700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0168**	**0.1694**	**0.2594**	**4.2000e-004**		**9.1400e-003**	**9.1400e-003**		**9.1400e-003**	**9.1400e-003**	**0.0000**	**36.1492**	**36.1492**	**1.3900e-003**	**0.0000**	**36.1840**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.1000e-004	2.1000e-004	3.1700e-003	2.0000e-005	2.4700e-003	1.0000e-005	2.4800e-003	6.6000e-004	1.0000e-005	6.6000e-004	0.0000	1.4579	1.4579	2.0000e-005	0.0000	1.4583
Total	**4.1000e-004**	**2.1000e-004**	**3.1700e-003**	**2.0000e-005**	**2.4700e-003**	**1.0000e-005**	**2.4800e-003**	**6.6000e-004**	**1.0000e-005**	**6.6000e-004**	**0.0000**	**1.4579**	**1.4579**	**2.0000e-005**	**0.0000**	**1.4583**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

Improve Destination Accessibility

Increase Transit Accessibility

Improve Pedestrian Network

Increase Transit Frequency

Implement Trip Reduction Program

Transit Subsidy

Encourage Telecommuting and Alternative Work Schedules

Market Commute Trip Reduction Option

Employee Vanpool/Shuttle

Provide Riade Sharing Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.5075	62.3340	66.0817	0.2917	25.6915	0.1532	25.8447	6.8817	0.1421	7.0238	0.0000	27,376.1782	27,376.1782	1.3508	0.0000	27,409.9482
Unmitigated	12.6038	82.8842	158.1036	0.8437	89.8648	0.4125	90.2772	24.0709	0.3834	24.4543	0.0000	78,718.2844	78,718.2844	3.0311	0.0000	78,794.0611

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	20,186.32	20,186.32	20186.32	68,979,722	20,973,890
Arena	0.00	0.00	0.00		
City Park	8.58	8.58	8.58	24,689	6,809
Condo/Townhouse	3,204.68	3,204.68	3204.68	10,950,878	3,329,711
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	21,447.88	21,447.88	21447.88	69,093,522	19,054,745
Government Office Building	0.00	0.00	0.00		
Hotel	6,553.85	6,553.85	6553.85	15,638,607	4,332,084
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	33,226.16	33,226.16	33226.16	71,863,006	19,930,382
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Total	84,627.48	84,627.48	84,627.48	236,550,425	67,627,622

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Arena	16.60	8.40	6.90	0.00	81.00	19.00	66	28	6
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Government Office Building	16.60	8.40	6.90	33.00	62.00	5.00	50	34	16
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
Arena	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
City Park	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
Condo/Townhouse	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
Enclosed Parking with Elevator	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
General Office Building	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
Government Office Building	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
Hotel	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
Other Asphalt Surfaces	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
Parking Lot	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
Regional Shopping Center	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
Unenclosed Parking with Elevator	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Install Energy Efficient Appliances

Platinum Triangle Stadium District Project - South Coast AQMD Air District, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	40,552.8544	40,552.8544	1.1227	0.2323	40,650.1453
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	59,654.6905	59,654.6905	1.6516	0.3417	59,797.8089
NaturalGas Mitigated	0.6470	5.7127	3.6987	0.0353		0.4470	0.4470		0.4470	0.4470	0.0000	6,403.3504	6,403.3504	0.1227	0.1174	6,441.4023
NaturalGas Unmitigated	0.7329	6.4759	4.2261	0.0400		0.5064	0.5064		0.5064	0.5064	0.0000	7,253.2216	7,253.2216	0.1390	0.1330	7,296.3238

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	5.1035e+007	0.2752	2.3516	1.0007	0.0150		0.1901	0.1901		0.1901	0.1901	0.0000	2,723.4239	2,723.4239	0.0522	0.0499	2,739.6078
Arena	2.36707e+007	0.1276	1.1603	0.9747	6.9600e-003		0.0882	0.0882		0.0882	0.0882	0.0000	1,263.1560	1,263.1560	0.0242	0.0232	1,270.6624
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
Condo/Townhouse	1.25108e+007	0.0675	0.5765	0.2453	3.6800e-003		0.0466	0.0466		0.0466	0.0466	0.0000	667.6214	667.6214	0.0128	0.0122	671.5887
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	2.42316e+007	0.1307	1.1878	0.9978	7.1300e-003		0.0903	0.0903		0.0903	0.0903	0.0000	1,293.0881	1,293.0881	0.0248	0.0237	1,300.7723
Government Office Building	91400	4.9000e-004	4.4800e-003	3.7600e-003	3.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004	0.0000	4.8775	4.8775	9.0000e-005	9.0000e-005	4.9064
Hotel	2.22625e+007	0.1200	1.0913	0.9167	6.5500e-003		0.0829	0.0829		0.0829	0.0829	0.0000	1,188.0118	1,188.0118	0.0228	0.0218	1,195.0715
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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
Regional Shopping Center	2.11834e+006	0.0114	0.1038	0.0872	6.2000e-004		7.8900e-003	7.8900e-003		7.8900e-003	7.8900e-003	0.0000	113.0429	113.0429	2.1700e-003	2.0700e-003	113.7147
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.7329**	**6.4759**	**4.2261**	**0.0400**		**0.5064**	**0.5064**		**0.5064**	**0.5064**	**0.0000**	**7,253.2216**	**7,253.2216**	**0.1390**	**0.1330**	**7,296.3238**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	4.65469e+007	0.2510	2.1448	0.9127	0.0137		0.1734	0.1734		0.1734	0.1734	0.0000	2,483.9219	2,483.9219	0.0476	0.0455	2,498.6826
Arena	2.09674e+007	0.1131	1.0278	0.8634	6.1700e-003		0.0781	0.0781		0.0781	0.0781	0.0000	1,118.9024	1,118.9024	0.0215	0.0205	1,125.5515
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
Condo/Townhouse	1.10488e+007	0.0596	0.5091	0.2166	3.2500e-003		0.0412	0.0412		0.0412	0.0412	0.0000	589.6043	589.6043	0.0113	0.0108	593.1080
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	2.03601e+007	0.1098	0.9980	0.8384	5.9900e-003		0.0759	0.0759		0.0759	0.0759	0.0000	1,086.4911	1,086.4911	0.0208	0.0199	1,092.9476
Government Office Building	76797	4.1000e-004	3.7600e-003	3.1600e-003	2.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004	0.0000	4.0982	4.0982	8.0000e-005	8.0000e-005	4.1225
Hotel	1.9047e+007	0.1027	0.9337	0.7843	5.6000e-003		0.0710	0.0710		0.0710	0.0710	0.0000	1,016.4178	1,016.4178	0.0195	0.0186	1,022.4579
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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
Regional Shopping Center	1.94729e+006	0.0105	0.0955	0.0802	5.7000e-004		7.2500e-003	7.2500e-003		7.2500e-003	7.2500e-003	0.0000	103.9147	103.9147	1.9900e-003	1.9100e-003	104.5322
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.6470**	**5.7127**	**3.6987**	**0.0353**		**0.4470**	**0.4470**		**0.4470**	**0.4470**	**0.0000**	**6,403.3504**	**6,403.3504**	**0.1227**	**0.1174**	**6,441.4023**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	1.77537e+007	8,435.2112	0.2335	0.0483	8,455.4482
Arena	1.86307e+007	8,851.9131	0.2451	0.0507	8,873.1498
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	3.52268e+006	1,673.7115	0.0463	9.5900e-003	1,677.7270
Enclosed Parking with Elevator	2.18766e+007	10,394.0836	0.2878	0.0595	10,419.0202
General Office Building	3.70897e+007	17,622.2017	0.4879	0.1009	17,664.4794
Government Office Building	139900	66.4699	1.8400e-003	3.8000e-004	66.6294
Hotel	5.876e+006	2,791.8310	0.0773	0.0160	2,798.5289
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	1.30662e+006	620.8070	0.0172	3.5600e-003	622.2964
Regional Shopping Center	1.21169e+007	5,757.0480	0.1594	0.0330	5,770.8598
Unenclosed Parking with Elevator	7.24318e+006	3,441.4135	0.0953	0.0197	3,449.6698
Total		**59,654.6905**	**1.6516**	**0.3417**	**59,797.8089**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	1.46597e+007	6,965.1610	0.1928	0.0399	6,981.8712
Arena	1.30748e+007	6,212.1596	0.1720	0.0356	6,227.0633
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	2.87625e+006	1,366.5763	0.0378	7.8300e-003	1,369.8549
Enclosed Parking with Elevator	1.44889e+007	6,884.0406	0.1906	0.0394	6,900.5562
General Office Building	2.63374e+007	12,513.5267	0.3465	0.0717	12,543.5481
Government Office Building	99343	47.2003	1.3100e-003	2.7000e-004	47.3135
Hotel	4.09279e+006	1,944.5844	0.0538	0.0111	1,949.2497
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	326655	155.2018	4.3000e-003	8.9000e-004	155.5741
Regional Shopping Center	7.05345e+006	3,351.2662	0.0928	0.0192	3,359.3063
Unenclosed Parking with Elevator	2.34283e+006	1,113.1376	0.0308	6.3800e-003	1,115.8081
Total		**40,552.8544**	**1.1228**	**0.2323**	**40,650.1453**

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

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	49.0527	0.7643	53.6582	3.7900e-003		0.3093	0.3093		0.3093	0.3093	0.0000	258.2449	258.2449	0.0883	3.1200e-003	261.3836
Unmitigated	50.7985	1.0229	69.5132	0.0555		2.8958	2.8958		2.8958	2.8958	346.3289	258.2449	604.5738	1.7074	3.1200e-003	648.1879

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	4.6352					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	42.7722					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1.7631	0.4057	15.9176	0.0527		2.5984	2.5984		2.5984	2.5984	346.3289	170.2572	516.5861	1.6223	3.1200e-003	558.0733
Landscaping	1.6281	0.6173	53.5956	2.8500e-003		0.2974	0.2974		0.2974	0.2974	0.0000	87.9877	87.9877	0.0851	0.0000	90.1146
Total	**50.7985**	**1.0229**	**69.5132**	**0.0555**		**2.8958**	**2.8958**		**2.8958**	**2.8958**	**346.3289**	**258.2449**	**604.5738**	**1.7074**	**3.1200e-003**	**648.1879**

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	4.6352					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	42.7722					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0172	0.1470	0.0626	9.4000e-004		0.0119	0.0119		0.0119	0.0119	0.0000	170.2572	170.2572	3.2600e-003	3.1200e-003	171.2690
Landscaping	1.6281	0.6173	53.5956	2.8500e-003		0.2974	0.2974		0.2974	0.2974	0.0000	87.9877	87.9877	0.0851	0.0000	90.1146
Total	**49.0527**	**0.7643**	**53.6582**	**3.7900e-003**		**0.3093**	**0.3093**		**0.3093**	**0.3093**	**0.0000**	**258.2449**	**258.2449**	**0.0883**	**3.1200e-003**	**261.3836**

7.0 Water Detail

7.1 Mitigation Measures Water

Use Reclaimed Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	7,118.3339	22.8692	0.5750	7,861.4104
Unmitigated	9,161.2923	31.0949	0.7792	10,170.8615

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	290.978 / 183.443	2,860.8020	9.5582	0.2397	3,171.1978
Arena	34.0063 / 0	221.1720	1.1139	0.0274	257.1762
City Park	0 / 15.7276	83.0200	2.3000e-003	4.8000e-004	83.2191
Condo/Townhouse	46.1942 / 29.1224	454.1667	1.5174	0.0381	503.4436
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	471.201 / 288.8	4,589.0883	15.4770	0.3880	5,091.6292
Government Office Building	1.9866 / 1.21759	19.3477	0.0653	1.6400e-003	21.4665
Hotel	23.9209 / 2.65787	169.6076	0.7840	0.0193	194.9675
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	78.4554 / 48.0856	764.0880	2.5769	0.0646	847.7616
Unenclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**9,161.2923**	**31.0949**	**0.7792**	**10,170.8615**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	213.904 / 158.283	2,226.7188	7.0298	0.1769	2,455.1942
Arena	24.9988 / 0	162.5883	0.8189	0.0201	189.0557
City Park	0 / 13.5705	71.6337	1.9800e-003	4.1000e-004	71.8056
Condo/Townhouse	33.9584 / 25.1283	353.5028	1.1160	0.0281	389.7745
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	346.39 / 249.191	3,568.2542	11.3829	0.2863	3,938.1500
Government Office Building	1.46039 / 1.0506	15.0439	0.0480	1.2100e-003	16.6034
Hotel	17.5847 / 2.29334	126.4742	0.5764	0.0142	145.1211
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	57.6742 / 41.4906	594.1181	1.8953	0.0477	655.7061
Unenclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**7,118.3339**	**22.8692**	**0.5750**	**7,861.4104**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	410.5462	24.2626	0.0000	1,017.1108
Unmitigated	1,642.1847	97.0503	0.0000	4,068.4431

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	2054.36	417.0165	24.6450	0.0000	1,033.1408
Arena	1605	325.8005	19.2543	0.0000	807.1569
City Park	1.14	0.2314	0.0137	0.0000	0.5733
Condo/Townhouse	326.14	66.2035	3.9125	0.0000	164.0163
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	2465.58	500.4905	29.5781	0.0000	1,239.9439
Government Office Building	9.3	1.8878	0.1116	0.0000	4.6770
Hotel	516.29	104.8022	6.1936	0.0000	259.6430
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	1112.13	225.7523	13.3416	0.0000	559.2919
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Total		**1,642.1847**	**97.0503**	**0.0000**	**4,068.4431**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	513.59	104.2541	6.1612	0.0000	258.2852
Arena	401.25	81.4501	4.8136	0.0000	201.7892
City Park	0.285	0.0579	3.4200e-003	0.0000	0.1433
Condo/Townhouse	81.535	16.5509	0.9781	0.0000	41.0041
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	616.395	125.1226	7.3945	0.0000	309.9860
Government Office Building	2.325	0.4720	0.0279	0.0000	1.1693
Hotel	129.072	26.2006	1.5484	0.0000	64.9108
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	278.033	56.4381	3.3354	0.0000	139.8230
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Total		**410.5462**	**24.2626**	**0.0000**	**1,017.1108**

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

Platinum Triangle Stadium District Project

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	2,651.16	1000sqft	11.60	2,651,155.00	0
Government Office Building	10.00	1000sqft	1.50	10,000.00	0
Enclosed Parking with Elevator	9,333.00	Space	15.90	3,733,200.00	0
Other Asphalt Surfaces	28.80	Acre	28.80	1,254,528.00	0
Parking Lot	9,333.00	Space	15.90	3,733,200.00	0
Unenclosed Parking with Elevator	9,334.00	Space	16.00	3,733,600.00	0
Arena	11.70	Acre	11.70	1,132,567.00	0
City Park	13.20	Acre	13.20	574,992.00	0
Hotel	943.00	Room	6.00	650,000.00	0
Apartments Mid Rise	4,466.00	Dwelling Unit	22.30	5,272,540.00	12773
Condo/Townhouse	709.00	Dwelling Unit	8.40	837,042.00	2028
Regional Shopping Center	1,059.17	1000sqft	4.60	1,059,172.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	8			**Operational Year**	2035
Utility Company	Anaheim Public Utilities				
CO2 Intensity (lb/MWhr)	1047.47	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 intensity factor based on CY18 MRR data for APU, as well as publically available CAISO GHG and load data.

Land Use - Land uses based on Angel Stadium Redevelopment Master Site Plan and Notice of Availability

Construction Phase - Default phasing schedule scaled to assumed 2035 operational year

Trips and VMT - The haul trip length was revised to 23 miles based on the distance to Frank Bowerman Landfill

Demolition - The project would include demolition of the existing stadium and existing pavement

Grading - 155.9-acre project site

Vehicle Trips - Based on proposed project trip generation prepared by LSA

Woodstoves - No woodburning fireplaces and assuming natural gas fireplaces for townhouse units.

Energy Use - Electricity usage for the stadium provided by Angels

Water And Wastewater - Water usage for the stadium provided by Angels

Solid Waste - Solid waste generation for stadium provided by Angels

Construction Off-road Equipment Mitigation - Assuming use of Tier 3 construction equipment consistent with Mitigation Measure 2-1 and soil stabilizer, replace ground cover, water exposed area, moisture content, and limit vehicle speeds consitent with Mitigation Measure 2-2

Mobile Land Use Mitigation - Increase density and diversity, improve destination accessibility, increase transit accessibility, improve pedestrian network, increase transit frequency

Mobile Commute Mitigation - Assuming TDM measures consistent with Mitigation Measures 9-1, 9-2, and 9-3

Area Mitigation - Assuming low-emissions paints and coatings consistent with Mitigation Measure 2-4

Energy Mitigation - Assuming compliance with 2019 Title 24, exceedance of Title 24 standards by 10 percent consisnt with Mitigation Measures 2-6, 10-21, and 10-24, and high efficiency lighting and appliances consistent with Appliance Energy Efficiency Standards and Mitigation Measures 2-6 and 10-22

Water Mitigation - Assuming low-flow appliances and water-efficient irrigation consistent with Mitigation Measure 10-7 and use of reclaimed water consistent with Mitigation Measure 10-14

Waste Mitigation - Solid waste generation for stadium provided by Angels

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
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	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3

tblConstructionPhase	NumDays	220.00	210.00
tblConstructionPhase	NumDays	3,100.00	2,955.00
tblConstructionPhase	NumDays	200.00	190.00
tblConstructionPhase	NumDays	310.00	295.00
tblConstructionPhase	NumDays	220.00	210.00
tblConstructionPhase	NumDays	120.00	115.00
tblEnergyUse	LightingElect	2.99	5.82
tblEnergyUse	NT24E	3.83	7.45
tblEnergyUse	T24E	1.63	3.18
tblFireplaces	NumberGas	3,796.10	0.00
tblFireplaces	NumberGas	602.65	709.00
tblFireplaces	NumberNoFireplace	446.60	4,466.00
tblFireplaces	NumberNoFireplace	70.90	0.00
tblFireplaces	NumberWood	223.30	0.00
tblFireplaces	NumberWood	35.45	0.00
tblGrading	AcresOfGrading	737.50	155.90
tblLandUse	LandUseSquareFeet	2,651,160.00	2,651,155.00
tblLandUse	LandUseSquareFeet	509,652.00	1,132,567.00
tblLandUse	LandUseSquareFeet	1,369,236.00	650,000.00
tblLandUse	LandUseSquareFeet	4,466,000.00	5,272,540.00
tblLandUse	LandUseSquareFeet	709,000.00	837,042.00
tblLandUse	LandUseSquareFeet	1,059,170.00	1,059,172.00
tblLandUse	LotAcreage	60.86	11.60
tblLandUse	LotAcreage	0.23	1.50
tblLandUse	LotAcreage	84.00	15.90
tblLandUse	LotAcreage	84.00	15.90
tblLandUse	LotAcreage	84.01	16.00

tblLandUse	LotAcreage	31.43	6.00
tblLandUse	LotAcreage	117.53	22.30
tblLandUse	LotAcreage	44.31	8.40
tblLandUse	LotAcreage	24.32	4.60
tblProjectCharacteristics	CO2IntensityFactor	1543.28	1047.47
tblSolidWaste	SolidWasteGenerationRate	1.01	1,605.00
tblTripsAndVMT	HaulingTripLength	20.00	23.00
tblTripsAndVMT	HaulingTripLength	20.00	23.00
tblTripsAndVMT	HaulingTripLength	20.00	23.00
tblTripsAndVMT	HaulingTripLength	20.00	23.00
tblTripsAndVMT	HaulingTripLength	20.00	23.00
tblTripsAndVMT	HaulingTripLength	20.00	23.00
tblVehicleTrips	ST_TR	6.39	4.52
tblVehicleTrips	ST_TR	22.75	0.65
tblVehicleTrips	ST_TR	5.67	4.52
tblVehicleTrips	ST_TR	2.46	8.09
tblVehicleTrips	ST_TR	8.19	6.95
tblVehicleTrips	ST_TR	49.97	31.37
tblVehicleTrips	SU_TR	5.86	4.52
tblVehicleTrips	SU_TR	16.74	0.65
tblVehicleTrips	SU_TR	4.84	4.52
tblVehicleTrips	SU_TR	1.05	8.09
tblVehicleTrips	SU_TR	5.95	6.95
tblVehicleTrips	SU_TR	25.24	31.37
tblVehicleTrips	WD_TR	6.65	4.52
tblVehicleTrips	WD_TR	33.33	0.00
tblVehicleTrips	WD_TR	1.89	0.65

tblVehicleTrips	WD_TR	5.81	4.52
tblVehicleTrips	WD_TR	11.03	8.09
tblVehicleTrips	WD_TR	68.93	0.00
tblVehicleTrips	WD_TR	8.17	6.95
tblVehicleTrips	WD_TR	42.70	31.37
tblWater	IndoorWaterUseRate	15,750,032.42	34,006,324.00
tblWater	OutdoorWaterUseRate	1,005,321.22	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

Platinum Triangle Stadium District Project - South Coast AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.7149	45.0304	24.7608	0.0751	10.2684	1.6996	11.9680	1.7424	1.5809	3.3234	0.0000	7,656.6155	7,656.6155	1.3074	0.0000	7,689.2996
2021	4.2756	46.4546	31.6319	0.0747	18.2675	2.0459	20.3134	9.9840	1.8823	11.8663	0.0000	7,612.0275	7,612.0275	1.9488	0.0000	7,644.5343
2022	3.7040	38.8929	29.7382	0.0642	6.8061	1.6365	8.4426	3.4300	1.5056	4.9356	0.0000	6,224.9553	6,224.9553	1.9496	0.0000	6,273.6952
2023	50.0291	285.0885	443.7538	2.0544	147.4792	1.8431	149.3223	39.6335	1.7209	41.3544	0.0000	211,082.7693	211,082.7693	8.2793	0.0000	211,289.7524
2024	47.5587	281.3268	418.0814	2.0128	147.4792	1.7424	149.2216	39.6335	1.6259	41.2594	0.0000	206,986.4444	206,986.4444	7.9734	0.0000	207,185.7802
2025	45.3095	276.2737	392.6227	1.9634	147.4792	1.6362	149.1154	39.6335	1.5262	41.1597	0.0000	202,095.3693	202,095.3693	7.6730	0.0000	202,287.1944
2026	43.4513	272.3655	371.1596	1.9202	147.4793	1.6038	149.0830	39.6336	1.4961	41.1296	0.0000	197,818.3710	197,818.3710	7.4070	0.0000	198,003.5469
2027	41.6563	268.7067	352.1449	1.8822	147.4793	1.5549	149.0342	39.6336	1.4508	41.0844	0.0000	194,045.9578	194,045.9578	7.1609	0.0000	194,224.9789
2028	39.8355	265.5718	335.5925	1.8488	147.4795	1.4948	148.9743	39.6336	1.3953	41.0290	0.0000	190,739.0215	190,739.0215	6.9428	0.0000	190,912.5922
2029	37.8228	262.5242	319.3594	1.8192	147.4796	1.4402	148.9198	39.6337	1.3449	40.9786	0.0000	187,808.5657	187,808.5657	6.7363	0.0000	187,976.9734
2030	35.7332	255.0841	304.5736	1.7969	147.4797	1.0112	148.4909	39.6337	0.9509	40.5846	0.0000	185,549.8629	185,549.8629	6.0615	0.0000	185,701.4007
2031	33.5910	253.0032	291.1773	1.7770	147.4797	0.9688	148.4485	39.6337	0.9118	40.5455	0.0000	183,586.8538	183,586.8538	5.8954	0.0000	183,734.2394
2032	31.6448	250.5113	278.4832	1.7570	147.4798	0.9268	148.4066	39.6337	0.8731	40.5068	0.0000	181,620.0614	181,620.0614	5.7423	0.0000	181,763.6202
2033	29.9865	248.3184	267.6494	1.7398	147.4798	0.8890	148.3688	39.6337	0.8382	40.4720	0.0000	179,922.1718	179,922.1718	5.6107	0.0000	180,062.4389
2034	476.3946	256.3834	311.2843	1.9272	172.5513	1.2983	173.8496	46.2828	1.2427	47.5255	0.0000	198,491.6831	198,491.6831	5.8377	0.0000	198,637.6263
2035	29.0350	249.0210	264.5001	1.7415	147.6476	0.9517	148.5994	39.6783	0.9061	40.5844	0.0000	179,976.4025	179,976.4025	5.4830	0.0000	180,113.4766
Maximum	**476.3946**	**285.0885**	**443.7538**	**2.0544**	**172.5513**	**2.0459**	**173.8496**	**46.2828**	**1.8823**	**47.5255**	**0.0000**	**211,082.7693**	**211,082.7693**	**8.2793**	**0.0000**	**211,289.7524**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

Platinum Triangle Stadium District Project - South Coast AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	1.3274	30.1423	27.6815	0.0751	4.8868	0.9036	5.7904	0.9276	0.9018	1.8294	0.0000	7,656.6155	7,656.6155	1.3074	0.0000	7,689.2996
2021	1.6075	30.0330	37.4760	0.0747	6.8948	1.3011	7.8424	3.7327	1.3009	4.6802	0.0000	7,612.0275	7,612.0275	1.9488	0.0000	7,644.5343
2022	1.6023	30.0277	37.4193	0.0642	2.6624	1.3010	3.9634	1.3082	1.3009	2.6091	0.0000	6,224.9553	6,224.9553	1.9496	0.0000	6,273.6952
2023	49.1302	284.9297	445.3836	2.0544	147.4792	2.0469	149.5261	39.6335	1.9660	41.5995	0.0000	211,082.7693	211,082.7693	8.2793	0.0000	211,289.7524
2024	46.7610	282.1091	419.7883	2.0128	147.4792	2.0326	149.5119	39.6335	1.9525	41.5861	0.0000	206,986.4444	206,986.4444	7.9734	0.0000	207,185.7802
2025	44.6160	278.0301	394.4118	1.9634	147.4792	2.0122	149.4914	39.6335	1.9335	41.5670	0.0000	202,095.3693	202,095.3693	7.6730	0.0000	202,287.1944
2026	42.7578	274.1219	372.9487	1.9202	147.4793	1.9798	149.4590	39.6336	1.9034	41.5369	0.0000	197,818.3710	197,818.3710	7.4070	0.0000	198,003.5469
2027	40.9628	270.4630	353.9340	1.8822	147.4793	1.9309	149.4102	39.6336	1.8581	41.4917	0.0000	194,045.9578	194,045.9578	7.1609	0.0000	194,224.9789
2028	39.1420	267.3282	337.3816	1.8488	147.4795	1.8708	149.3503	39.6336	1.8026	41.4362	0.0000	190,739.0215	190,739.0215	6.9428	0.0000	190,912.5922
2029	37.1293	264.2806	321.1485	1.8192	147.4796	1.8162	149.2958	39.6337	1.7522	41.3858	0.0000	187,808.5657	187,808.5657	6.7363	0.0000	187,976.9734
2030	35.0980	261.3756	306.2904	1.7969	147.4797	1.7666	149.2463	39.6337	1.7064	41.3401	0.0000	185,549.8629	185,549.8629	6.0615	0.0000	185,701.4007
2031	32.9558	259.2947	292.8941	1.7770	147.4797	1.7242	149.2039	39.6337	1.6672	41.3009	0.0000	183,586.8538	183,586.8538	5.8954	0.0000	183,734.2394
2032	31.0096	256.8027	280.2000	1.7570	147.4798	1.6822	149.1620	39.6337	1.6285	41.2622	0.0000	181,620.0614	181,620.0614	5.7423	0.0000	181,763.6202
2033	29.3513	254.6098	269.3662	1.7398	147.4798	1.6444	149.1243	39.6337	1.5936	41.2274	0.0000	179,922.1718	179,922.1718	5.6107	0.0000	180,062.4389
2034	474.8644	267.3506	314.4819	1.9272	172.5513	2.4072	174.9585	46.2828	2.3516	48.6344	0.0000	198,491.6831	198,491.6831	5.8377	0.0000	198,637.6263
2035	27.9125	262.5048	267.7315	1.7415	147.6476	2.1868	149.8344	39.6783	2.1412	41.8194	0.0000	179,976.4025	179,976.4025	5.4830	0.0000	180,113.4765
Maximum	**474.8644**	**284.9297**	**445.3836**	**2.0544**	**172.5513**	**2.4072**	**174.9585**	**46.2828**	**2.3516**	**48.6344**	**0.0000**	**211,082.7693**	**211,082.7693**	**8.2793**	**0.0000**	**211,289.7524**

Platinum Triangle Stadium District Project - South Coast AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**1.84**	**-0.53**	**-0.95**	**0.00**	**1.06**	**-25.78**	**0.77**	**1.71**	**-30.63**	**0.54**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	413.8364	37.3910	1,702.1719	4.2362		210.2475	210.2475		210.2475	210.2475	30,540.9787	15,790.0360	46,331.0147	143.8109	0.2753	50,008.3143
Energy	4.0159	35.4842	23.1568	0.2191		2.7746	2.7746		2.7746	2.7746		43,809.9078	43,809.9078	0.8397	0.8032	44,070.2482
Mobile	74.8645	447.1217	911.8415	4.8162	502.8841	2.2661	505.1502	134.4967	2.1062	136.6029		494,921.6984	494,921.6984	18.3199		495,379.6953
Total	**492.7168**	**519.9969**	**2,637.1702**	**9.2715**	**502.8841**	**215.2883**	**718.1723**	**134.4967**	**215.1284**	**349.6251**	**30,540.9787**	**554,521.6422**	**585,062.6209**	**162.9705**	**1.0784**	**589,458.2579**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	274.1673	16.6993	433.7695	0.0979		3.3303	3.3303		3.3303	3.3303	0.0000	15,790.0360	15,790.0360	1.0380	0.2753	15,898.0139
Energy	3.5454	31.3023	20.2667	0.1934		2.4495	2.4495		2.4495	2.4495		38,676.6331	38,676.6331	0.7413	0.7091	38,906.4690
Mobile	52.1526	342.1920	362.3489	1.6670	143.7700	0.8397	144.6097	38.4514	0.7791	39.2304		172,428.4309	172,428.4309	8.0025		172,628.4933
Total	**329.8652**	**390.1936**	**816.3851**	**1.9583**	**143.7700**	**6.6196**	**150.3896**	**38.4514**	**6.5589**	**45.0103**	**0.0000**	**226,895.1000**	**226,895.1000**	**9.7818**	**0.9843**	**227,432.9762**

	ROG	NOx	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	**33.05**	**24.96**	**69.04**	**78.88**	**71.41**	**96.93**	**79.06**	**71.41**	**96.95**	**87.13**	**100.00**	**59.08**	**61.22**	**94.00**	**8.73**	**61.42**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/7/2020	5/28/2021	5	190	
2	Site Preparation	Site Preparation	5/31/2021	11/5/2021	5	115	
3	Grading	Grading	11/8/2021	12/23/2022	5	295	
4	Building Construction	Building Construction	12/26/2023	4/23/2035	5	2955	
5	Architectural Coating	Architectural Coating	2/12/2034	12/1/2034	5	210	
6	Paving	Paving	4/24/2034	2/9/2035	5	210	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 155.9

Acres of Paving: 76.6

Residential Indoor: 12,371,904; Residential Outdoor: 4,123,968; Non-Residential Indoor: 8,254,341; Non-Residential Outdoor: 2,751,447; Striped Parking Area: 747,272 (Architectural Coating – sqft)

OffRoad Equipment

Platinum Triangle Stadium District Project - South Coast AQMD Air District, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
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
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	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	7,506.00	14.70	6.90	23.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	23.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	14.70	6.90	23.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	11,138.00	3,591.00	0.00	14.70	6.90	23.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	2,228.00	0.00	0.00	14.70	6.90	23.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	23.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.5490	0.0000	8.5490	1.2944	0.0000	1.2944			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419		3,747.7049	3,747.7049	1.0580		3,774.1536
Total	**3.3121**	**33.2010**	**21.7532**	**0.0388**	**8.5490**	**1.6587**	**10.2077**	**1.2944**	**1.5419**	**2.8363**		**3,747.7049**	**3,747.7049**	**1.0580**		**3,774.1536**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3349	11.7837	2.3944	0.0346	1.5517	0.0396	1.5913	0.4036	0.0379	0.4415		3,737.2480	3,737.2480	0.2445		3,743.3600
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0679	0.0456	0.6132	1.7200e-003	0.1677	1.2700e-003	0.1689	0.0445	1.1700e-003	0.0456		171.6626	171.6626	4.9400e-003		171.7860
Total	**0.4028**	**11.8293**	**3.0076**	**0.0363**	**1.7194**	**0.0409**	**1.7603**	**0.4480**	**0.0391**	**0.4871**		**3,908.9106**	**3,908.9106**	**0.2494**		**3,915.1460**

3.2 Demolition - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.1674	0.0000	3.1674	0.4796	0.0000	0.4796			0.0000			0.0000
Off-Road	0.9246	18.3130	24.6739	0.0388		0.8627	0.8627		0.8627	0.8627	0.0000	3,747.7049	3,747.7049	1.0580		3,774.1536
Total	**0.9246**	**18.3130**	**24.6739**	**0.0388**	**3.1674**	**0.8627**	**4.0301**	**0.4796**	**0.8627**	**1.3423**	**0.0000**	**3,747.7049**	**3,747.7049**	**1.0580**		**3,774.1536**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3349	11.7837	2.3944	0.0346	1.5517	0.0396	1.5913	0.4036	0.0379	0.4415		3,737.2480	3,737.2480	0.2445		3,743.3600
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0679	0.0456	0.6132	1.7200e-003	0.1677	1.2700e-003	0.1689	0.0445	1.1700e-003	0.0456		171.6626	171.6626	4.9400e-003		171.7860
Total	**0.4028**	**11.8293**	**3.0076**	**0.0363**	**1.7194**	**0.0409**	**1.7603**	**0.4480**	**0.0391**	**0.4871**		**3,908.9106**	**3,908.9106**	**0.2494**		**3,915.1460**

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.5490	0.0000	8.5490	1.2944	0.0000	1.2944			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**8.5490**	**1.5513**	**10.1004**	**1.2944**	**1.4411**	**2.7355**		**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3201	10.9318	2.3701	0.0342	1.2697	0.0354	1.3051	0.3343	0.0339	0.3682		3,697.9720	3,697.9720	0.2409		3,703.9948
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0633	0.0411	0.5651	1.6700e-003	0.1677	1.2300e-003	0.1689	0.0445	1.1400e-003	0.0456		166.1105	166.1105	4.4700e-003		166.2222
Total	**0.3835**	**10.9729**	**2.9352**	**0.0358**	**1.4374**	**0.0367**	**1.4740**	**0.3788**	**0.0350**	**0.4138**		**3,864.0825**	**3,864.0825**	**0.2454**		**3,870.2170**

3.2 Demolition - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.1674	0.0000	3.1674	0.4796	0.0000	0.4796			0.0000			0.0000
Off-Road	0.9246	18.3130	24.6739	0.0388		0.8627	0.8627		0.8627	0.8627	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**0.9246**	**18.3130**	**24.6739**	**0.0388**	**3.1674**	**0.8627**	**4.0301**	**0.4796**	**0.8627**	**1.3423**	**0.0000**	**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3201	10.9318	2.3701	0.0342	1.2697	0.0354	1.3051	0.3343	0.0339	0.3682		3,697.9720	3,697.9720	0.2409		3,703.9948
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0633	0.0411	0.5651	1.6700e-003	0.1677	1.2300e-003	0.1689	0.0445	1.1400e-003	0.0456		166.1105	166.1105	4.4700e-003		166.2222
Total	**0.3835**	**10.9729**	**2.9352**	**0.0358**	**1.4374**	**0.0367**	**1.4740**	**0.3788**	**0.0350**	**0.4138**		**3,864.0825**	**3,864.0825**	**0.2454**		**3,870.2170**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**18.0663**	**2.0445**	**20.1107**	**9.9307**	**1.8809**	**11.8116**		**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0760	0.0493	0.6781	2.0000e-003	0.2012	1.4800e-003	0.2027	0.0534	1.3600e-003	0.0547		199.3326	199.3326	5.3600e-003		199.4666
Total	**0.0760**	**0.0493**	**0.6781**	**2.0000e-003**	**0.2012**	**1.4800e-003**	**0.2027**	**0.0534**	**1.3600e-003**	**0.0547**		**199.3326**	**199.3326**	**5.3600e-003**		**199.4666**

3.3 Site Preparation - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6936	0.0000	6.6936	3.6793	0.0000	3.6793			0.0000			0.0000
Off-Road	0.9312	19.0656	22.9600	0.0380		0.9462	0.9462		0.9462	0.9462	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**0.9312**	**19.0656**	**22.9600**	**0.0380**	**6.6936**	**0.9462**	**7.6397**	**3.6793**	**0.9462**	**4.6255**	**0.0000**	**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0760	0.0493	0.6781	2.0000e-003	0.2012	1.4800e-003	0.2027	0.0534	1.3600e-003	0.0547		199.3326	199.3326	5.3600e-003		199.4666
Total	**0.0760**	**0.0493**	**0.6781**	**2.0000e-003**	**0.2012**	**1.4800e-003**	**0.2027**	**0.0534**	**1.3600e-003**	**0.0547**		**199.3326**	**199.3326**	**5.3600e-003**		**199.4666**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5825	0.0000	6.5825	3.3707	0.0000	3.3707			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**6.5825**	**1.9853**	**8.5679**	**3.3707**	**1.8265**	**5.1973**		**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0844	0.0548	0.7535	2.2200e-003	0.2236	1.6500e-003	0.2252	0.0593	1.5200e-003	0.0608		221.4807	221.4807	5.9600e-003		221.6296
Total	**0.0844**	**0.0548**	**0.7535**	**2.2200e-003**	**0.2236**	**1.6500e-003**	**0.2252**	**0.0593**	**1.5200e-003**	**0.0608**		**221.4807**	**221.4807**	**5.9600e-003**		**221.6296**

3.4 Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.4388	0.0000	2.4388	1.2489	0.0000	1.2489			0.0000			0.0000
Off-Road	1.5231	29.9782	36.7226	0.0620		1.2994	1.2994		1.2994	1.2994	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**1.5231**	**29.9782**	**36.7226**	**0.0620**	**2.4388**	**1.2994**	**3.7383**	**1.2489**	**1.2994**	**2.5483**	**0.0000**	**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0844	0.0548	0.7535	2.2200e-003	0.2236	1.6500e-003	0.2252	0.0593	1.5200e-003	0.0608		221.4807	221.4807	5.9600e-003		221.6296
Total	**0.0844**	**0.0548**	**0.7535**	**2.2200e-003**	**0.2236**	**1.6500e-003**	**0.2252**	**0.0593**	**1.5200e-003**	**0.0608**		**221.4807**	**221.4807**	**5.9600e-003**		**221.6296**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5825	0.0000	6.5825	3.3707	0.0000	3.3707			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**6.5825**	**1.6349**	**8.2174**	**3.3707**	**1.5041**	**4.8748**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0792	0.0495	0.6967	2.1400e-003	0.2236	1.6000e-003	0.2252	0.0593	1.4700e-003	0.0608		213.5448	213.5448	5.3800e-003		213.6794
Total	**0.0792**	**0.0495**	**0.6967**	**2.1400e-003**	**0.2236**	**1.6000e-003**	**0.2252**	**0.0593**	**1.4700e-003**	**0.0608**		**213.5448**	**213.5448**	**5.3800e-003**		**213.6794**

3.4 Grading - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.4388	0.0000	2.4388	1.2489	0.0000	1.2489			0.0000			0.0000
Off-Road	1.5231	29.9782	36.7226	0.0621		1.2994	1.2994		1.2994	1.2994	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**1.5231**	**29.9782**	**36.7226**	**0.0621**	**2.4388**	**1.2994**	**3.7383**	**1.2489**	**1.2994**	**2.5483**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0792	0.0495	0.6967	2.1400e-003	0.2236	1.6000e-003	0.2252	0.0593	1.4700e-003	0.0608		213.5448	213.5448	5.3800e-003		213.6794
Total	**0.0792**	**0.0495**	**0.6967**	**2.1400e-003**	**0.2236**	**1.6000e-003**	**0.2252**	**0.0593**	**1.4700e-003**	**0.0608**		**213.5448**	**213.5448**	**5.3800e-003**		**213.6794**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.9910	245.7805	69.2048	0.8790	22.9826	0.2763	23.2590	6.6165	0.2641	6.8806		94,036.6971	94,036.6971	4.9679		94,160.8949
Worker	41.4653	24.9232	358.3050	1.1485	124.4966	0.8670	125.3636	33.0171	0.7983	33.8154		114,490.8622	114,490.8622	2.7036		114,558.4514
Total	**48.4563**	**270.7036**	**427.5098**	**2.0275**	**147.4792**	**1.1434**	**148.6226**	**39.6335**	**1.0624**	**40.6960**		**208,527.5594**	**208,527.5594**	**7.6715**		**208,719.3463**

3.5 Building Construction - 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	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0269		0.9036	0.9036		0.9036	0.9036	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**0.6739**	**14.2261**	**17.8738**	**0.0269**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.9910	245.7805	69.2048	0.8790	22.9826	0.2763	23.2590	6.6165	0.2641	6.8806		94,036.6971	94,036.6971	4.9679		94,160.8949
Worker	41.4653	24.9232	358.3050	1.1485	124.4966	0.8670	125.3636	33.0171	0.7983	33.8154		114,490.8622	114,490.8622	2.7036		114,558.4514
Total	**48.4563**	**270.7036**	**427.5098**	**2.0275**	**147.4792**	**1.1434**	**148.6226**	**39.6335**	**1.0624**	**40.6960**		**208,527.5594**	**208,527.5594**	**7.6715**		**208,719.3463**

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**		**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.8439	245.1708	67.2130	0.8752	22.9827	0.2735	23.2562	6.6165	0.2614	6.8779		93,695.7540	93,695.7540	4.8906		93,818.0201
Worker	39.2432	22.7123	334.7015	1.1106	124.4966	0.8556	125.3521	33.0171	0.7876	33.8046		110,734.9915	110,734.9915	2.4784		110,796.9524
Total	**46.0871**	**267.8831**	**401.9146**	**1.9859**	**147.4792**	**1.1291**	**148.6083**	**39.6335**	**1.0490**	**40.6825**		**204,430.7455**	**204,430.7455**	**7.3691**		**204,614.9725**

3.5 Building Construction - 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	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0270		0.9036	0.9036		0.9036	0.9036	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**0.6739**	**14.2261**	**17.8738**	**0.0270**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.8439	245.1708	67.2130	0.8752	22.9827	0.2735	23.2562	6.6165	0.2614	6.8779		93,695.7540	93,695.7540	4.8906		93,818.0201
Worker	39.2432	22.7123	334.7015	1.1106	124.4966	0.8556	125.3521	33.0171	0.7876	33.8046		110,734.9915	110,734.9915	2.4784		110,796.9524
Total	**46.0871**	**267.8831**	**401.9146**	**1.9859**	**147.4792**	**1.1291**	**148.6083**	**39.6335**	**1.0490**	**40.6825**		**204,430.7455**	**204,430.7455**	**7.3691**		**204,614.9725**

3.5 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.6702	243.0333	65.4378	0.8697	22.9826	0.2695	23.2521	6.6164	0.2576	6.8740		93,163.1572	93,163.1572	4.8129		93,283.4799
Worker	37.2719	20.7707	311.1003	1.0667	124.4966	0.8392	125.3358	33.0171	0.7724	33.7894		106,375.7377	106,375.7377	2.2592		106,432.2164
Total	**43.9421**	**263.8040**	**376.5380**	**1.9364**	**147.4792**	**1.1086**	**148.5878**	**39.6335**	**1.0299**	**40.6635**		**199,538.8949**	**199,538.8949**	**7.0721**		**199,715.6963**

3.5 Building Construction - 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	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0270		0.9036	0.9036		0.9036	0.9036	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**0.6739**	**14.2261**	**17.8738**	**0.0270**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.6702	243.0333	65.4378	0.8697	22.9826	0.2695	23.2521	6.6164	0.2576	6.8740		93,163.1572	93,163.1572	4.8129		93,283.4799
Worker	37.2719	20.7707	311.1003	1.0667	124.4966	0.8392	125.3358	33.0171	0.7724	33.7894		106,375.7377	106,375.7377	2.2592		106,432.2164
Total	**43.9421**	**263.8040**	**376.5380**	**1.9364**	**147.4792**	**1.1086**	**148.5878**	**39.6335**	**1.0299**	**40.6635**		**199,538.8949**	**199,538.8949**	**7.0721**		**199,715.6963**

3.5 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.5185	240.7724	64.0769	0.8645	22.9827	0.2648	23.2474	6.6165	0.2531	6.8695		92,652.8809	92,652.8809	4.7359		92,771.2784
Worker	35.5653	19.1234	290.9980	1.0288	124.4966	0.8115	125.3080	33.0171	0.7467	33.7638		102,609.0158	102,609.0158	2.0702		102,660.7704
Total	**42.0839**	**259.8958**	**355.0749**	**1.8933**	**147.4793**	**1.0762**	**148.5555**	**39.6336**	**0.9998**	**40.6334**		**195,261.8966**	**195,261.8966**	**6.8061**		**195,432.0488**

3.5 Building Construction - 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	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0270		0.9036	0.9036		0.9036	0.9036	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**0.6739**	**14.2261**	**17.8738**	**0.0270**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.5185	240.7724	64.0769	0.8645	22.9827	0.2648	23.2474	6.6165	0.2531	6.8695		92,652.8809	92,652.8809	4.7359		92,771.2784
Worker	35.5653	19.1234	290.9980	1.0288	124.4966	0.8115	125.3080	33.0171	0.7467	33.7638		102,609.0158	102,609.0158	2.0702		102,660.7704
Total	**42.0839**	**259.8958**	**355.0749**	**1.8933**	**147.4793**	**1.0762**	**148.5555**	**39.6336**	**0.9998**	**40.6334**		**195,261.8966**	**195,261.8966**	**6.8061**		**195,432.0488**

3.5 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.3911	238.5956	62.9774	0.8598	22.9828	0.2602	23.2430	6.6165	0.2487	6.8652		92,198.7737	92,198.7737	4.6598		92,315.2691
Worker	33.8977	17.6414	273.0828	0.9954	124.4966	0.7671	125.2637	33.0171	0.7058	33.7229		99,290.7098	99,290.7098	1.9001		99,338.2117
Total	**40.2889**	**256.2370**	**336.0602**	**1.8552**	**147.4793**	**1.0274**	**148.5067**	**39.6336**	**0.9545**	**40.5881**		**191,489.4835**	**191,489.4835**	**6.5599**		**191,653.4808**

3.5 Building Construction - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0270		0.9036	0.9036		0.9036	0.9036	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**0.6739**	**14.2261**	**17.8738**	**0.0270**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.3911	238.5956	62.9774	0.8598	22.9828	0.2602	23.2430	6.6165	0.2487	6.8652		92,198.7737	92,198.7737	4.6598		92,315.2691
Worker	33.8977	17.6414	273.0828	0.9954	124.4966	0.7671	125.2637	33.0171	0.7058	33.7229		99,290.7098	99,290.7098	1.9001		99,338.2117
Total	**40.2889**	**256.2370**	**336.0602**	**1.8552**	**147.4793**	**1.0274**	**148.5067**	**39.6336**	**0.9545**	**40.5881**		**191,489.4835**	**191,489.4835**	**6.5599**		**191,653.4808**

3.5 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.2826	236.7904	62.1347	0.8559	22.9829	0.2566	23.2394	6.6165	0.2452	6.8618		91,811.7478	91,811.7478	4.5886		91,926.4618
Worker	32.1855	16.3118	257.3732	0.9660	124.4966	0.7107	125.2073	33.0171	0.6538	33.6709		96,370.7993	96,370.7993	1.7533		96,414.6323
Total	**38.4681**	**253.1021**	**319.5079**	**1.8218**	**147.4795**	**0.9673**	**148.4467**	**39.6336**	**0.8991**	**40.5327**		**188,182.5471**	**188,182.5471**	**6.3419**		**188,341.0941**

3.5 Building Construction - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0270		0.9036	0.9036		0.9036	0.9036	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**0.6739**	**14.2261**	**17.8738**	**0.0270**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.2826	236.7904	62.1347	0.8559	22.9829	0.2566	23.2394	6.6165	0.2452	6.8618		91,811.7478	91,811.7478	4.5886		91,926.4618
Worker	32.1855	16.3118	257.3732	0.9660	124.4966	0.7107	125.2073	33.0171	0.6538	33.6709		96,370.7993	96,370.7993	1.7533		96,414.6323
Total	**38.4681**	**253.1021**	**319.5079**	**1.8218**	**147.4795**	**0.9673**	**148.4467**	**39.6336**	**0.8991**	**40.5327**		**188,182.5471**	**188,182.5471**	**6.3419**		**188,341.0941**

3.5 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.1835	235.0256	61.3463	0.8523	22.9830	0.2524	23.2354	6.6166	0.2412	6.8578		91,467.7816	91,467.7816	4.5257		91,580.9232
Worker	30.2719	15.0290	241.9285	0.9399	124.4966	0.6603	125.1569	33.0171	0.6074	33.6245		93,784.3098	93,784.3098	1.6097		93,824.5521
Total	**36.4554**	**250.0546**	**303.2747**	**1.7922**	**147.4796**	**0.9127**	**148.3923**	**39.6337**	**0.8486**	**40.4823**		**185,252.0914**	**185,252.0914**	**6.1354**		**185,405.4753**

3.5 Building Construction - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0270		0.9036	0.9036		0.9036	0.9036	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**0.6739**	**14.2261**	**17.8738**	**0.0270**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.1835	235.0256	61.3463	0.8523	22.9830	0.2524	23.2354	6.6166	0.2412	6.8578		91,467.7816	91,467.7816	4.5257		91,580.9232
Worker	30.2719	15.0290	241.9285	0.9399	124.4966	0.6603	125.1569	33.0171	0.6074	33.6245		93,784.3098	93,784.3098	1.6097		93,824.5521
Total	**36.4554**	**250.0546**	**303.2747**	**1.7922**	**147.4796**	**0.9127**	**148.3923**	**39.6337**	**0.8486**	**40.4823**		**185,252.0914**	**185,252.0914**	**6.1354**		**185,405.4753**

3.5 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.3091**	**7.9346**	**16.1570**	**0.0310**		**0.1481**	**0.1481**		**0.1481**	**0.1481**		**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.0986	233.3326	60.7473	0.8492	22.9831	0.2483	23.2314	6.6166	0.2373	6.8540		91,160.3731	91,160.3731	4.4677		91,272.0645
Worker	28.3255	13.8169	227.6693	0.9168	124.4966	0.6148	125.1113	33.0171	0.5655	33.5826		91,491.9431	91,491.9431	1.4776		91,528.8833
Total	**34.4241**	**247.1495**	**288.4166**	**1.7660**	**147.4797**	**0.8631**	**148.3428**	**39.6337**	**0.8028**	**40.4365**		**182,652.3161**	**182,652.3161**	**5.9453**		**182,800.9478**

3.5 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0310		0.9036	0.9036		0.9036	0.9036	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**0.6739**	**14.2261**	**17.8738**	**0.0310**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.0986	233.3326	60.7473	0.8492	22.9831	0.2483	23.2314	6.6166	0.2373	6.8540		91,160.3731	91,160.3731	4.4677		91,272.0645
Worker	28.3255	13.8169	227.6693	0.9168	124.4966	0.6148	125.1113	33.0171	0.5655	33.5826		91,491.9431	91,491.9431	1.4776		91,528.8833
Total	**34.4241**	**247.1495**	**288.4166**	**1.7660**	**147.4797**	**0.8631**	**148.3428**	**39.6337**	**0.8028**	**40.4365**		**182,652.3161**	**182,652.3161**	**5.9453**		**182,800.9478**

3.5 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.3091**	**7.9346**	**16.1570**	**0.0310**		**0.1481**	**0.1481**		**0.1481**	**0.1481**		**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.0718	232.4411	60.6115	0.8481	22.9832	0.2456	23.2287	6.6166	0.2347	6.8513		91,069.6059	91,069.6059	4.4231		91,180.1830
Worker	26.2101	12.6275	214.4088	0.8979	124.4966	0.5751	125.0717	33.0171	0.5290	33.5461		89,619.7012	89,619.7012	1.3561		89,653.6036
Total	**32.2819**	**245.0686**	**275.0204**	**1.7460**	**147.4797**	**0.8206**	**148.3004**	**39.6337**	**0.7637**	**40.3974**		**180,689.3071**	**180,689.3071**	**5.7792**		**180,833.7865**

3.5 Building Construction - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0310		0.9036	0.9036		0.9036	0.9036	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**0.6739**	**14.2261**	**17.8738**	**0.0310**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.0718	232.4411	60.6115	0.8481	22.9832	0.2456	23.2287	6.6166	0.2347	6.8513		91,069.6059	91,069.6059	4.4231		91,180.1830
Worker	26.2101	12.6275	214.4088	0.8979	124.4966	0.5751	125.0717	33.0171	0.5290	33.5461		89,619.7012	89,619.7012	1.3561		89,653.6036
Total	**32.2819**	**245.0686**	**275.0204**	**1.7460**	**147.4797**	**0.8206**	**148.3004**	**39.6337**	**0.7637**	**40.3974**		**180,689.3071**	**180,689.3071**	**5.7792**		**180,833.7865**

3.5 Building Construction - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.3091**	**7.9346**	**16.1570**	**0.0310**		**0.1481**	**0.1481**		**0.1481**	**0.1481**		**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.0188	230.9883	60.3412	0.8463	22.9832	0.2425	23.2257	6.6166	0.2317	6.8484		90,889.5054	90,889.5054	4.3824		90,999.0652
Worker	24.3168	11.5884	201.9851	0.8798	124.4966	0.5362	125.0328	33.0171	0.4932	33.5103		87,833.0093	87,833.0093	1.2437		87,864.1021
Total	**30.3357**	**242.5766**	**262.3263**	**1.7261**	**147.4798**	**0.7787**	**148.2585**	**39.6337**	**0.7249**	**40.3587**		**178,722.5147**	**178,722.5147**	**5.6261**		**178,863.1673**

3.5 Building Construction - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0310		0.9036	0.9036		0.9036	0.9036	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**0.6739**	**14.2261**	**17.8738**	**0.0310**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.0188	230.9883	60.3412	0.8463	22.9832	0.2425	23.2257	6.6166	0.2317	6.8484		90,889.5054	90,889.5054	4.3824		90,999.0652
Worker	24.3168	11.5884	201.9851	0.8798	124.4966	0.5362	125.0328	33.0171	0.4932	33.5103		87,833.0093	87,833.0093	1.2437		87,864.1021
Total	**30.3357**	**242.5766**	**262.3263**	**1.7261**	**147.4798**	**0.7787**	**148.2585**	**39.6337**	**0.7249**	**40.3587**		**178,722.5147**	**178,722.5147**	**5.6261**		**178,863.1673**

3.5 Building Construction - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.3091**	**7.9346**	**16.1570**	**0.0310**		**0.1481**	**0.1481**		**0.1481**	**0.1481**		**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.9809	229.6760	60.1577	0.8448	22.9832	0.2398	23.2230	6.6167	0.2292	6.8458		90,750.6851	90,750.6851	4.3468		90,859.3551
Worker	22.6965	10.7078	191.3347	0.8641	124.4966	0.5011	124.9977	33.0171	0.4609	33.4780		86,273.9400	86,273.9400	1.1476		86,302.6310
Total	**28.6774**	**240.3838**	**251.4924**	**1.7089**	**147.4798**	**0.7409**	**148.2207**	**39.6337**	**0.6901**	**40.3238**		**177,024.6250**	**177,024.6250**	**5.4944**		**177,161.9860**

3.5 Building Construction - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0310		0.9036	0.9036		0.9036	0.9036	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**0.6739**	**14.2261**	**17.8738**	**0.0310**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.9809	229.6760	60.1577	0.8448	22.9832	0.2398	23.2230	6.6167	0.2292	6.8458		90,750.6851	90,750.6851	4.3468		90,859.3551
Worker	22.6965	10.7078	191.3347	0.8641	124.4966	0.5011	124.9977	33.0171	0.4609	33.4780		86,273.9400	86,273.9400	1.1476		86,302.6310
Total	**28.6774**	**240.3838**	**251.4924**	**1.7089**	**147.4798**	**0.7409**	**148.2207**	**39.6337**	**0.6901**	**40.3238**		**177,024.6250**	**177,024.6250**	**5.4944**		**177,161.9860**

3.5 Building Construction - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.3091**	**7.9346**	**16.1570**	**0.0310**		**0.1481**	**0.1481**		**0.1481**	**0.1481**		**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.9469	228.4949	59.9596	0.8437	22.9833	0.2371	23.2204	6.6167	0.2266	6.8432		90,646.7987	90,646.7987	4.3166		90,754.7145
Worker	21.3213	9.9697	181.0584	0.8503	124.4966	0.4679	124.9645	33.0171	0.4304	33.4475		84,909.9764	84,909.9764	1.0562		84,936.3819
Total	**27.2682**	**238.4646**	**241.0180**	**1.6940**	**147.4799**	**0.7050**	**148.1849**	**39.6338**	**0.6569**	**40.2907**		**175,556.7751**	**175,556.7751**	**5.3729**		**175,691.0964**

3.5 Building Construction - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0310		0.9036	0.9036		0.9036	0.9036	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**0.6739**	**14.2261**	**17.8738**	**0.0310**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.9469	228.4949	59.9596	0.8437	22.9833	0.2371	23.2204	6.6167	0.2266	6.8432		90,646.7987	90,646.7987	4.3166		90,754.7145
Worker	21.3213	9.9697	181.0584	0.8503	124.4966	0.4679	124.9645	33.0171	0.4304	33.4475		84,909.9764	84,909.9764	1.0562		84,936.3819
Total	**27.2682**	**238.4646**	**241.0180**	**1.6940**	**147.4799**	**0.7050**	**148.1849**	**39.6338**	**0.6569**	**40.2907**		**175,556.7751**	**175,556.7751**	**5.3729**		**175,691.0964**

3.5 Building Construction - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**1.2168**	**7.1613**	**16.1178**	**0.0310**		**0.0904**	**0.0904**		**0.0904**	**0.0904**		**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.9180	227.5431	59.7676	0.8429	22.9834	0.2349	23.2183	6.6167	0.2245	6.8412		90,566.9974	90,566.9974	4.2901		90,674.2502
Worker	20.1747	9.4277	172.5621	0.8385	124.4966	0.4384	124.9350	33.0171	0.4032	33.4203		83,742.5621	83,742.5621	0.9814		83,767.0964
Total	**26.0928**	**236.9708**	**232.3297**	**1.6814**	**147.4800**	**0.6733**	**148.1533**	**39.6338**	**0.6277**	**40.2615**		**174,309.5594**	**174,309.5594**	**5.2715**		**174,441.3466**

3.5 Building Construction - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0310		0.9036	0.9036		0.9036	0.9036	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**0.6739**	**14.2261**	**17.8738**	**0.0310**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.9180	227.5431	59.7676	0.8429	22.9834	0.2349	23.2183	6.6167	0.2245	6.8412		90,566.9974	90,566.9974	4.2901		90,674.2502
Worker	20.1747	9.4277	172.5621	0.8385	124.4966	0.4384	124.9350	33.0171	0.4032	33.4203		83,742.5621	83,742.5621	0.9814		83,767.0964
Total	**26.0928**	**236.9708**	**232.3297**	**1.6814**	**147.4800**	**0.6733**	**148.1533**	**39.6338**	**0.6277**	**40.2615**		**174,309.5594**	**174,309.5594**	**5.2715**		**174,441.3466**

3.6 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	441.4506					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	**441.5813**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**		**281.4481**	**281.4481**	**0.0114**		**281.7328**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	4.2650	1.9943	36.2182	0.1701	24.9038	0.0936	24.9974	6.6046	0.0861	6.6907		16,985.0447	16,985.0447	0.2113		16,990.3267
Total	**4.2650**	**1.9943**	**36.2182**	**0.1701**	**24.9038**	**0.0936**	**24.9974**	**6.6046**	**0.0861**	**6.6907**		**16,985.0447**	**16,985.0447**	**0.2113**		**16,990.3267**

3.6 Architectural Coating - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	441.4506					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3570	1.8324	2.9700e-003		0.0951	0.0951		0.0951	0.0951	0.0000	281.4481	281.4481	0.0114		281.7328
Total	**441.5100**	**1.3570**	**1.8324**	**2.9700e-003**		**0.0951**	**0.0951**		**0.0951**	**0.0951**	**0.0000**	**281.4481**	**281.4481**	**0.0114**		**281.7328**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	4.2650	1.9943	36.2182	0.1701	24.9038	0.0936	24.9974	6.6046	0.0861	6.6907		16,985.0447	16,985.0447	0.2113		16,990.3267
Total	**4.2650**	**1.9943**	**36.2182**	**0.1701**	**24.9038**	**0.0936**	**24.9974**	**6.6046**	**0.0861**	**6.6907**		**16,985.0447**	**16,985.0447**	**0.2113**		**16,990.3267**

3.7 Paving - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.5577					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.9422**	**7.1202**	**15.8495**	**0.0281**		**0.3306**	**0.3306**		**0.3306**	**0.3306**		**2,656.5168**	**2,656.5168**	**0.1245**		**2,659.6302**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0287	0.0134	0.2438	1.1500e-003	0.1677	6.3000e-004	0.1683	0.0445	5.8000e-004	0.0451		114.3517	114.3517	1.4200e-003		114.3873
Total	**0.0287**	**0.0134**	**0.2438**	**1.1500e-003**	**0.1677**	**6.3000e-004**	**0.1683**	**0.0445**	**5.8000e-004**	**0.0451**		**114.3517**	**114.3517**	**1.4200e-003**		**114.3873**

3.7 Paving - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5609	11.2952	17.2957	0.0281		0.6093	0.6093		0.6093	0.6093	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.5577					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1186**	**11.2952**	**17.2957**	**0.0281**		**0.6093**	**0.6093**		**0.6093**	**0.6093**	**0.0000**	**2,656.5168**	**2,656.5168**	**0.1245**		**2,659.6302**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0287	0.0134	0.2438	1.1500e-003	0.1677	6.3000e-004	0.1683	0.0445	5.8000e-004	0.0451		114.3517	114.3517	1.4200e-003		114.3873
Total	**0.0287**	**0.0134**	**0.2438**	**1.1500e-003**	**0.1677**	**6.3000e-004**	**0.1683**	**0.0445**	**5.8000e-004**	**0.0451**		**114.3517**	**114.3517**	**1.4200e-003**		**114.3873**

3.7 Paving - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1405	4.8761	15.8203	0.0281		0.1874	0.1874		0.1874	0.1874		2,656.5168	2,656.5168	0.1022		2,659.0727
Paving	0.5577					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6982**	**4.8761**	**15.8203**	**0.0281**		**0.1874**	**0.1874**		**0.1874**	**0.1874**		**2,656.5168**	**2,656.5168**	**0.1022**		**2,659.0727**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0272	0.0127	0.2324	1.1300e-003	0.1677	5.9000e-004	0.1683	0.0445	5.4000e-004	0.0450		112.7795	112.7795	1.3200e-003		112.8126
Total	**0.0272**	**0.0127**	**0.2324**	**1.1300e-003**	**0.1677**	**5.9000e-004**	**0.1683**	**0.0445**	**5.4000e-004**	**0.0450**		**112.7795**	**112.7795**	**1.3200e-003**		**112.8126**

3.7 Paving - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5609	11.2952	17.2957	0.0281		0.6093	0.6093		0.6093	0.6093	0.0000	2,656.5168	2,656.5168	0.1022		2,659.0726
Paving	0.5577					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1186**	**11.2952**	**17.2957**	**0.0281**		**0.6093**	**0.6093**		**0.6093**	**0.6093**	**0.0000**	**2,656.5168**	**2,656.5168**	**0.1022**		**2,659.0726**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0272	0.0127	0.2324	1.1300e-003	0.1677	5.9000e-004	0.1683	0.0445	5.4000e-004	0.0450		112.7795	112.7795	1.3200e-003		112.8126
Total	**0.0272**	**0.0127**	**0.2324**	**1.1300e-003**	**0.1677**	**5.9000e-004**	**0.1683**	**0.0445**	**5.4000e-004**	**0.0450**		**112.7795**	**112.7795**	**1.3200e-003**		**112.8126**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

Improve Destination Accessibility

Increase Transit Accessibility

Improve Pedestrian Network

Increase Transit Frequency

Implement Trip Reduction Program

Transit Subsidy

Encourage Telecommuting and Alternative Work Schedules

Market Commute Trip Reduction Option

Employee Vanpool/Shuttle

Provide Riade Sharing Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	52.1526	342.1920	362.3489	1.6670	143.7700	0.8397	144.6097	38.4514	0.7791	39.2304		172,428.4309	172,428.4309	8.0025		172,628.4933
Unmitigated	74.8645	447.1217	911.8415	4.8162	502.8841	2.2661	505.1502	134.4967	2.1062	136.6029		494,921.6984	494,921.6984	18.3199		495,379.6953

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	20,186.32	20,186.32	20186.32	68,979,722	20,973,890
Arena	0.00	0.00	0.00		
City Park	8.58	8.58	8.58	24,689	6,809
Condo/Townhouse	3,204.68	3,204.68	3204.68	10,950,878	3,329,711
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	21,447.88	21,447.88	21447.88	69,093,522	19,054,745
Government Office Building	0.00	0.00	0.00		
Hotel	6,553.85	6,553.85	6553.85	15,638,607	4,332,084
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	33,226.16	33,226.16	33226.16	71,863,006	19,930,382
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Total	84,627.48	84,627.48	84,627.48	236,550,425	67,627,622

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Arena	16.60	8.40	6.90	0.00	81.00	19.00	66	28	6
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Government Office Building	16.60	8.40	6.90	33.00	62.00	5.00	50	34	16
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
Arena	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
City Park	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
Condo/Townhouse	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
Enclosed Parking with Elevator	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
General Office Building	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
Government Office Building	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
Hotel	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
Other Asphalt Surfaces	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
Parking Lot	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
Regional Shopping Center	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
Unenclosed Parking with Elevator	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Install Energy Efficient Appliances

Platinum Triangle Stadium District Project - South Coast AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	3.5454	31.3023	20.2667	0.1934		2.4495	2.4495		2.4495	2.4495		38,676.6331	38,676.6331	0.7413	0.7091	38,906.4690
NaturalGas Unmitigated	4.0159	35.4842	23.1568	0.2191		2.7746	2.7746		2.7746	2.7746		43,809.9078	43,809.9078	0.8397	0.8032	44,070.2482

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	139822	1.5079	12.8856	5.4832	0.0823		1.0418	1.0418		1.0418	1.0418		16,449.6491	16,449.6491	0.3153	0.3016	16,547.4012
Arena	64851.1	0.6994	6.3580	5.3407	0.0382		0.4832	0.4832		0.4832	0.4832		7,629.5408	7,629.5408	0.1462	0.1399	7,674.8793
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	34276	0.3696	3.1588	1.3442	0.0202		0.2554	0.2554		0.2554	0.2554		4,032.4744	4,032.4744	0.0773	0.0739	4,056.4373
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	66387.8	0.7160	6.5086	5.4672	0.0391		0.4947	0.4947		0.4947	0.4947		7,810.3325	7,810.3325	0.1497	0.1432	7,856.7454
Government Office Building	250.411	2.7000e-003	0.0246	0.0206	1.5000e-004		1.8700e-003	1.8700e-003		1.8700e-003	1.8700e-003		29.4601	29.4601	5.6000e-004	5.4000e-004	29.6352
Hotel	60993.2	0.6578	5.9797	5.0230	0.0359		0.4545	0.4545		0.4545	0.4545		7,175.6648	7,175.6648	0.1375	0.1316	7,218.3062
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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
Regional Shopping Center	5803.68	0.0626	0.5690	0.4780	3.4100e-003		0.0432	0.0432		0.0432	0.0432		682.7861	682.7861	0.0131	0.0125	686.8436
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**4.0159**	**35.4842**	**23.1568**	**0.2191**		**2.7746**	**2.7746**		**2.7746**	**2.7746**		**43,809.9078**	**43,809.9078**	**0.8397**	**0.8032**	**44,070.2482**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	127.526	1.3753	11.7524	5.0010	0.0750		0.9502	0.9502		0.9502	0.9502		15,003.0420	15,003.0420	0.2876	0.2751	15,092.1975
Arena	57.445	0.6195	5.6319	4.7308	0.0338		0.4280	0.4280		0.4280	0.4280		6,758.2399	6,758.2399	0.1295	0.1239	6,798.4008
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	30.2706	0.3265	2.7896	1.1871	0.0178		0.2256	0.2256		0.2256	0.2256		3,561.2465	3,561.2465	0.0683	0.0653	3,582.4092
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	55.781	0.6016	5.4687	4.5937	0.0328		0.4156	0.4156		0.4156	0.4156		6,562.4738	6,562.4738	0.1258	0.1203	6,601.4713
Government Office Building	0.210403	2.2700e-003	0.0206	0.0173	1.2000e-004		1.5700e-003	1.5700e-003		1.5700e-003	1.5700e-003		24.7533	24.7533	4.7000e-004	4.5000e-004	24.9004
Hotel	52.1834	0.5628	5.1160	4.2975	0.0307		0.3888	0.3888		0.3888	0.3888		6,139.2264	6,139.2264	0.1177	0.1126	6,175.7088
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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
Regional Shopping Center	5.33503	0.0575	0.5230	0.4394	3.1400e-003		0.0398	0.0398		0.0398	0.0398		627.6512	627.6512	0.0120	0.0115	631.3810
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**3.5454**	**31.3023**	**20.2667**	**0.1934**		**2.4495**	**2.4495**		**2.4495**	**2.4495**		**38,676.6331**	**38,676.6331**	**0.7413**	**0.7091**	**38,906.4690**

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

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	274.1673	16.6993	433.7695	0.0979		3.3303	3.3303		3.3303	3.3303	0.0000	15,790.0360	15,790.0360	1.0380	0.2753	15,898.0139
Unmitigated	413.8364	37.3910	1,702.1719	4.2362		210.2475	210.2475		210.2475	210.2475	30,540.9787	15,790.0360	46,331.0147	143.8109	0.2753	50,008.3143

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	25.3985					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	234.3680					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	141.0454	32.4528	1,273.4071	4.2134		207.8681	207.8681		207.8681	207.8681	30,540.9787	15,014.1177	45,555.0964	143.0606	0.2753	49,213.6395
Landscaping	13.0244	4.9382	428.7648	0.0228		2.3794	2.3794		2.3794	2.3794		775.9184	775.9184	0.7503		794.6749
Total	**413.8364**	**37.3910**	**1,702.1719**	**4.2362**		**210.2475**	**210.2475**		**210.2475**	**210.2475**	**30,540.9787**	**15,790.0360**	**46,331.0147**	**143.8109**	**0.2753**	**50,008.3143**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	25.3985					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	234.3680					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.3763	11.7611	5.0047	0.0751		0.9509	0.9509		0.9509	0.9509	0.0000	15,014.1177	15,014.1177	0.2878	0.2753	15,103.3390
Landscaping	13.0244	4.9382	428.7648	0.0228		2.3794	2.3794		2.3794	2.3794		775.9184	775.9184	0.7503		794.6749
Total	**274.1673**	**16.6993**	**433.7695**	**0.0979**		**3.3303**	**3.3303**		**3.3303**	**3.3303**	**0.0000**	**15,790.0360**	**15,790.0360**	**1.0380**	**0.2753**	**15,898.0139**

7.0 Water Detail

7.1 Mitigation Measures Water

Use Reclaimed Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Platinum Triangle Stadium District Project

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	2,651.16	1000sqft	11.60	2,651,155.00	0
Government Office Building	10.00	1000sqft	1.50	10,000.00	0
Enclosed Parking with Elevator	9,333.00	Space	15.90	3,733,200.00	0
Other Asphalt Surfaces	28.80	Acre	28.80	1,254,528.00	0
Parking Lot	9,333.00	Space	15.90	3,733,200.00	0
Unenclosed Parking with Elevator	9,334.00	Space	16.00	3,733,600.00	0
Arena	11.70	Acre	11.70	1,132,567.00	0
City Park	13.20	Acre	13.20	574,992.00	0
Hotel	943.00	Room	6.00	650,000.00	0
Apartments Mid Rise	4,466.00	Dwelling Unit	22.30	5,272,540.00	12773
Condo/Townhouse	709.00	Dwelling Unit	8.40	837,042.00	2028
Regional Shopping Center	1,059.17	1000sqft	4.60	1,059,172.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	8			**Operational Year**	2035
Utility Company	Anaheim Public Utilities				
CO2 Intensity (lb/MWhr)	1047.47	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 intensity factor based on CY18 MRR data for APU, as well as publically available CAISO GHG and load data.

Land Use - Land uses based on Angel Stadium Redevelopment Master Site Plan and Notice of Availability

Construction Phase - Default phasing schedule scaled to assumed 2035 operational year

Trips and VMT - The haul trip length was revised to 23 miles based on the distance to Frank Bowerman Landfill

Demolition - The project would include demolition of the existing stadium and existing pavement

Grading - 155.9-acre project site

Vehicle Trips - Based on proposed project trip generation prepared by LSA

Woodstoves - No woodburning fireplaces and assuming natural gas fireplaces for townhouse units.

Energy Use - Electricity usage for the stadium provided by Angels

Water And Wastewater - Water usage for the stadium provided by Angels

Solid Waste - Solid waste generation for stadium provided by Angels

Construction Off-road Equipment Mitigation - Assuming use of Tier 3 construction equipment consistent with Mitigation Measure 2-1 and soil stabilizer, replace ground cover, water exposed area, moisture content, and limit vehicle speeds consitent with Mitigation Measure 2-2

Mobile Land Use Mitigation - Increase density and diversity, improve destination accessibility, increase transit accessibility, improve pedestrian network, increase transit frequency

Mobile Commute Mitigation - Assuming TDM measures consistent with Mitigation Measures 9-1, 9-2, and 9-3

Area Mitigation - Assuming low-emissions paints and coatings consistent with Mitigation Measure 2-4

Energy Mitigation - Assuming compliance with 2019 Title 24, exceedance of Title 24 standards by 10 percent consisnt with Mitigation Measures 2-6, 10-21, and 10-24, and high efficiency lighting and appliances consistent with Appliance Energy Efficiency Standards and Mitigation Measures 2-6 and 10-22

Water Mitigation - Assuming low-flow appliances and water-efficient irrigation consistent with Mitigation Measure 10-7 and use of reclaimed water consistent with Mitigation Measure 10-14

Waste Mitigation - Solid waste generation for stadium provided by Angels

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
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	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3

tblConstructionPhase	NumDays	220.00	210.00
tblConstructionPhase	NumDays	3,100.00	2,955.00
tblConstructionPhase	NumDays	200.00	190.00
tblConstructionPhase	NumDays	310.00	295.00
tblConstructionPhase	NumDays	220.00	210.00
tblConstructionPhase	NumDays	120.00	115.00
tblEnergyUse	LightingElect	2.99	5.82
tblEnergyUse	NT24E	3.83	7.45
tblEnergyUse	T24E	1.63	3.18
tblFireplaces	NumberGas	3,796.10	0.00
tblFireplaces	NumberGas	602.65	709.00
tblFireplaces	NumberNoFireplace	446.60	4,466.00
tblFireplaces	NumberNoFireplace	70.90	0.00
tblFireplaces	NumberWood	223.30	0.00
tblFireplaces	NumberWood	35.45	0.00
tblGrading	AcresOfGrading	737.50	155.90
tblLandUse	LandUseSquareFeet	2,651,160.00	2,651,155.00
tblLandUse	LandUseSquareFeet	509,652.00	1,132,567.00
tblLandUse	LandUseSquareFeet	1,369,236.00	650,000.00
tblLandUse	LandUseSquareFeet	4,466,000.00	5,272,540.00
tblLandUse	LandUseSquareFeet	709,000.00	837,042.00
tblLandUse	LandUseSquareFeet	1,059,170.00	1,059,172.00
tblLandUse	LotAcreage	60.86	11.60
tblLandUse	LotAcreage	0.23	1.50
tblLandUse	LotAcreage	84.00	15.90
tblLandUse	LotAcreage	84.00	15.90
tblLandUse	LotAcreage	84.01	16.00

tblLandUse	LotAcreage	31.43	6.00
tblLandUse	LotAcreage	117.53	22.30
tblLandUse	LotAcreage	44.31	8.40
tblLandUse	LotAcreage	24.32	4.60
tblProjectCharacteristics	CO2IntensityFactor	1543.28	1047.47
tblSolidWaste	SolidWasteGenerationRate	1.01	1,605.00
tblTripsAndVMT	HaulingTripLength	20.00	23.00
tblTripsAndVMT	HaulingTripLength	20.00	23.00
tblTripsAndVMT	HaulingTripLength	20.00	23.00
tblTripsAndVMT	HaulingTripLength	20.00	23.00
tblTripsAndVMT	HaulingTripLength	20.00	23.00
tblTripsAndVMT	HaulingTripLength	20.00	23.00
tblVehicleTrips	ST_TR	6.39	4.52
tblVehicleTrips	ST_TR	22.75	0.65
tblVehicleTrips	ST_TR	5.67	4.52
tblVehicleTrips	ST_TR	2.46	8.09
tblVehicleTrips	ST_TR	8.19	6.95
tblVehicleTrips	ST_TR	49.97	31.37
tblVehicleTrips	SU_TR	5.86	4.52
tblVehicleTrips	SU_TR	16.74	0.65
tblVehicleTrips	SU_TR	4.84	4.52
tblVehicleTrips	SU_TR	1.05	8.09
tblVehicleTrips	SU_TR	5.95	6.95
tblVehicleTrips	SU_TR	25.24	31.37
tblVehicleTrips	WD_TR	6.65	4.52
tblVehicleTrips	WD_TR	33.33	0.00
tblVehicleTrips	WD_TR	1.89	0.65

tblVehicleTrips	WD_TR	5.81	4.52
tblVehicleTrips	WD_TR	11.03	8.09
tblVehicleTrips	WD_TR	68.93	0.00
tblVehicleTrips	WD_TR	8.17	6.95
tblVehicleTrips	WD_TR	42.70	31.37
tblWater	IndoorWaterUseRate	15,750,032.42	34,006,324.00
tblWater	OutdoorWaterUseRate	1,005,321.22	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

Platinum Triangle Stadium District Project - South Coast AQMD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.7297	45.2163	24.8617	0.0744	10.2684	1.7001	11.9685	1.7424	1.5814	3.3239	0.0000	7,584.5464	7,584.5464	1.3167	0.0000	7,617.4632
2021	4.2834	46.4598	31.5555	0.0740	18.2675	2.0459	20.3134	9.9840	1.8823	11.8663	0.0000	7,540.6493	7,540.6493	1.9484	0.0000	7,573.3792
2022	3.7116	38.8976	29.6665	0.0641	6.8061	1.6365	8.4426	3.4300	1.5056	4.9356	0.0000	6,211.1178	6,211.1178	1.9492	0.0000	6,259.8485
2023	54.4986	285.8542	413.0586	1.9549	147.4792	1.8566	149.3358	39.6335	1.7337	41.3673	0.0000	200,965.6774	200,965.6774	8.4172	0.0000	201,176.1064
2024	51.9241	281.9514	389.0997	1.9159	147.4792	1.7544	149.2336	39.6335	1.6374	41.2709	0.0000	197,127.6604	197,127.6604	8.1140	0.0000	197,330.5093
2025	49.5845	276.7172	365.6943	1.8696	147.4792	1.6470	149.1262	39.6335	1.5365	41.1700	0.0000	192,547.7595	192,547.7595	7.8174	0.0000	192,743.1934
2026	47.6586	272.6518	345.9729	1.8291	147.4793	1.6134	149.0926	39.6336	1.5053	41.1388	0.0000	188,540.2225	188,540.2225	7.5537	0.0000	188,729.0658
2027	45.7775	268.8393	328.5144	1.7934	147.4793	1.5635	149.0428	39.6336	1.4590	41.0926	0.0000	184,999.2504	184,999.2504	7.3089	0.0000	185,181.9717
2028	43.8337	265.5815	313.3381	1.7621	147.4795	1.5025	148.9820	39.6336	1.4027	41.0363	0.0000	181,895.1034	181,895.1034	7.0915	0.0000	182,072.3902
2029	41.6597	262.4079	298.4235	1.7343	147.4796	1.4470	148.9266	39.6337	1.3514	40.9851	0.0000	179,139.7037	179,139.7037	6.8862	0.0000	179,311.8590
2030	39.3893	254.8413	284.8519	1.7135	147.4797	1.0172	148.4969	39.6337	0.9567	40.5904	0.0000	177,031.9189	177,031.9189	6.2128	0.0000	177,187.2387
2031	37.0280	252.6652	272.4513	1.6946	147.4797	0.9741	148.4538	39.6337	0.9169	40.5506	0.0000	175,174.9894	175,174.9894	6.0476	0.0000	175,326.1803
2032	34.8879	250.0565	260.8337	1.6758	147.4798	0.9317	148.4114	39.6337	0.8777	40.5114	0.0000	173,315.1593	173,315.1593	5.8965	0.0000	173,462.5727
2033	33.0664	247.7592	250.9479	1.6595	147.4798	0.8934	148.3732	39.6337	0.8424	40.4761	0.0000	171,706.3920	171,706.3920	5.7666	0.0000	171,850.5567
2034	479.8757	255.9094	291.1370	1.8363	172.5513	1.3022	173.8536	46.2828	1.2465	47.5293	0.0000	189,217.3103	189,217.3103	5.9790	0.0000	189,366.7848
2035	31.8835	248.3059	249.4836	1.6626	147.6476	0.9553	148.6030	39.6783	0.9096	40.5878	0.0000	171,890.2236	171,890.2236	5.6431	0.0000	172,031.2997
Maximum	**479.8757**	**285.8542**	**413.0586**	**1.9549**	**172.5513**	**2.0459**	**173.8536**	**46.2828**	**1.8823**	**47.5293**	**0.0000**	**200,965.6774**	**200,965.6774**	**8.4172**	**0.0000**	**201,176.1064**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

Platinum Triangle Stadium District Project - South Coast AQMD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	1.3421	30.3282	27.7824	0.0744	4.8868	0.9041	5.7909	0.9276	0.9023	1.8299	0.0000	7,584.5464	7,584.5464	1.3167	0.0000	7,617.4632
2021	1.6153	30.0381	37.3997	0.0740	6.8948	1.3011	7.8424	3.7327	1.3009	4.6802	0.0000	7,540.6493	7,540.6493	1.9484	0.0000	7,573.3792
2022	1.6098	30.0323	37.3475	0.0641	2.6624	1.3010	3.9634	1.3082	1.3009	2.6091	0.0000	6,211.1178	6,211.1178	1.9492	0.0000	6,259.8485
2023	53.5998	285.6954	414.6884	1.9549	147.4792	2.0604	149.5396	39.6335	1.9789	41.6124	0.0000	200,965.6774	200,965.6774	8.4172	0.0000	201,176.1064
2024	51.1264	282.7337	390.8067	1.9159	147.4792	2.0447	149.5239	39.6335	1.9641	41.5976	0.0000	197,127.6604	197,127.6604	8.1140	0.0000	197,330.5093
2025	48.8910	278.4735	367.4834	1.8696	147.4792	2.0230	149.5022	39.6335	1.9438	41.5773	0.0000	192,547.7595	192,547.7595	7.8174	0.0000	192,743.1934
2026	46.9651	274.4082	347.7620	1.8291	147.4793	1.9894	149.4686	39.6336	1.9125	41.5461	0.0000	188,540.2225	188,540.2225	7.5537	0.0000	188,729.0658
2027	45.0840	270.5957	330.3035	1.7934	147.4793	1.9395	149.4188	39.6336	1.8663	41.4999	0.0000	184,999.2504	184,999.2504	7.3089	0.0000	185,181.9717
2028	43.1402	267.3379	315.1272	1.7621	147.4795	1.8785	149.3580	39.6336	1.8100	41.4436	0.0000	181,895.1034	181,895.1034	7.0915	0.0000	182,072.3902
2029	40.9662	264.1643	300.2126	1.7343	147.4796	1.8230	149.3026	39.6337	1.7587	41.3923	0.0000	179,139.7037	179,139.7037	6.8862	0.0000	179,311.8590
2030	38.7541	261.1327	286.5686	1.7135	147.4797	1.7726	149.2523	39.6337	1.7121	41.3458	0.0000	177,031.9189	177,031.9189	6.2128	0.0000	177,187.2387
2031	36.3928	258.9566	274.1681	1.6946	147.4797	1.7295	149.2093	39.6337	1.6723	41.3060	0.0000	175,174.9894	175,174.9894	6.0476	0.0000	175,326.1803
2032	34.2527	256.3480	262.5505	1.6758	147.4798	1.6871	149.1668	39.6337	1.6331	41.2668	0.0000	173,315.1593	173,315.1593	5.8965	0.0000	173,462.5727
2033	32.4312	254.0507	252.6647	1.6595	147.4798	1.6488	149.1286	39.6337	1.5978	41.2316	0.0000	171,706.3920	171,706.3920	5.7666	0.0000	171,850.5567
2034	478.3456	266.8766	294.3346	1.8363	172.5513	2.4111	174.9624	46.2828	2.3553	48.6382	0.0000	189,217.3103	189,217.3103	5.9790	0.0000	189,366.7848
2035	30.7610	261.7898	252.7150	1.6626	147.6476	2.1904	149.8380	39.6783	2.1446	41.8229	0.0000	171,890.2236	171,890.2236	5.6431	0.0000	172,031.2997
Maximum	**478.3456**	**285.6954**	**414.6884**	**1.9549**	**172.5513**	**2.4111**	**174.9624**	**46.2828**	**2.3553**	**48.6382**	**0.0000**	**200,965.6774**	**200,965.6774**	**8.4172**	**0.0000**	**201,176.1064**

Platinum Triangle Stadium District Project - South Coast AQMD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**1.75**	**-0.53**	**-1.01**	**0.00**	**1.06**	**-25.67**	**0.77**	**1.71**	**-30.49**	**0.54**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	413.8364	37.3910	1,702.1719	4.2362		210.2475	210.2475		210.2475	210.2475	30,540.9787	15,790.0360	46,331.0147	143.8109	0.2753	50,008.3143
Energy	4.0159	35.4842	23.1568	0.2191		2.7746	2.7746		2.7746	2.7746		43,809.9078	43,809.9078	0.8397	0.8032	44,070.2482
Mobile	70.7264	448.6563	857.3894	4.5658	502.8841	2.2729	505.1570	134.4967	2.1127	136.6094		469,550.5543	469,550.5543	18.5719		470,014.8516
Total	**488.5786**	**521.5315**	**2,582.7181**	**9.0211**	**502.8841**	**215.2950**	**718.1791**	**134.4967**	**215.1348**	**349.6315**	**30,540.9787**	**529,150.4981**	**559,691.4769**	**163.2225**	**1.0784**	**564,093.4142**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	274.1673	16.6993	433.7695	0.0979		3.3303	3.3303		3.3303	3.3303	0.0000	15,790.0360	15,790.0360	1.0380	0.2753	15,898.0139
Energy	3.5454	31.3023	20.2667	0.1934		2.4495	2.4495		2.4495	2.4495		38,676.6331	38,676.6331	0.7413	0.7091	38,906.4690
Mobile	48.3334	337.8654	365.4933	1.5652	143.7700	0.8465	144.6165	38.4514	0.7855	39.2369		161,851.9856	161,851.9856	8.4268		162,062.6566
Total	**326.0460**	**385.8670**	**819.5295**	**1.8565**	**143.7700**	**6.6263**	**150.3963**	**38.4514**	**6.5653**	**45.0167**	**0.0000**	**216,318.6547**	**216,318.6547**	**10.2062**	**0.9843**	**216,867.1395**

	ROG	NOx	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	**33.27**	**26.01**	**68.27**	**79.42**	**71.41**	**96.92**	**79.06**	**71.41**	**96.95**	**87.12**	**100.00**	**59.12**	**61.35**	**93.75**	**8.73**	**61.55**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/7/2020	5/28/2021	5	190	
2	Site Preparation	Site Preparation	5/31/2021	11/5/2021	5	115	
3	Grading	Grading	11/8/2021	12/23/2022	5	295	
4	Building Construction	Building Construction	12/26/2023	4/23/2035	5	2955	
5	Architectural Coating	Architectural Coating	2/12/2034	12/1/2034	5	210	
6	Paving	Paving	4/24/2034	2/9/2035	5	210	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 155.9

Acres of Paving: 76.6

Residential Indoor: 12,371,904; Residential Outdoor: 4,123,968; Non-Residential Indoor: 8,254,341; Non-Residential Outdoor: 2,751,447; Striped Parking Area: 747,272 (Architectural Coating – sqft)

OffRoad Equipment

Platinum Triangle Stadium District Project - South Coast AQMD Air District, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
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
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	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
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

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	7,506.00	14.70	6.90	23.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	14.70	6.90	23.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	14.70	6.90	23.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	11,138.00	3,591.00	0.00	14.70	6.90	23.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	2,228.00	0.00	0.00	14.70	6.90	23.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	23.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.5490	0.0000	8.5490	1.2944	0.0000	1.2944			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419		3,747.7049	3,747.7049	1.0580		3,774.1536
Total	**3.3121**	**33.2010**	**21.7532**	**0.0388**	**8.5490**	**1.6587**	**10.2077**	**1.2944**	**1.5419**	**2.8363**		**3,747.7049**	**3,747.7049**	**1.0580**		**3,774.1536**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3435	11.9653	2.5564	0.0340	1.5517	0.0401	1.5919	0.4036	0.0384	0.4420		3,676.2867	3,676.2867	0.2541		3,682.6397
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0740	0.0500	0.5521	1.6100e-003	0.1677	1.2700e-003	0.1689	0.0445	1.1700e-003	0.0456		160.5547	160.5547	4.6000e-003		160.6699
Total	**0.4175**	**12.0153**	**3.1085**	**0.0356**	**1.7194**	**0.0414**	**1.7608**	**0.4480**	**0.0396**	**0.4876**		**3,836.8415**	**3,836.8415**	**0.2587**		**3,843.3096**

3.2 Demolition - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.1674	0.0000	3.1674	0.4796	0.0000	0.4796			0.0000			0.0000
Off-Road	0.9246	18.3130	24.6739	0.0388		0.8627	0.8627		0.8627	0.8627	0.0000	3,747.7049	3,747.7049	1.0580		3,774.1536
Total	**0.9246**	**18.3130**	**24.6739**	**0.0388**	**3.1674**	**0.8627**	**4.0301**	**0.4796**	**0.8627**	**1.3423**	**0.0000**	**3,747.7049**	**3,747.7049**	**1.0580**		**3,774.1536**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3435	11.9653	2.5564	0.0340	1.5517	0.0401	1.5919	0.4036	0.0384	0.4420		3,676.2867	3,676.2867	0.2541		3,682.6397
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0740	0.0500	0.5521	1.6100e-003	0.1677	1.2700e-003	0.1689	0.0445	1.1700e-003	0.0456		160.5547	160.5547	4.6000e-003		160.6699
Total	**0.4175**	**12.0153**	**3.1085**	**0.0356**	**1.7194**	**0.0414**	**1.7608**	**0.4480**	**0.0396**	**0.4876**		**3,836.8415**	**3,836.8415**	**0.2587**		**3,843.3096**

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.5490	0.0000	8.5490	1.2944	0.0000	1.2944			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**8.5490**	**1.5513**	**10.1004**	**1.2944**	**1.4411**	**2.7355**		**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3283	11.0902	2.5241	0.0336	1.2697	0.0359	1.3056	0.3343	0.0343	0.3687		3,637.3542	3,637.3542	0.2501		3,643.6076
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0692	0.0450	0.5078	1.5600e-003	0.1677	1.2300e-003	0.1689	0.0445	1.1400e-003	0.0456		155.3502	155.3502	4.1600e-003		155.4543
Total	**0.3975**	**11.1351**	**3.0319**	**0.0352**	**1.4374**	**0.0371**	**1.4745**	**0.3788**	**0.0355**	**0.4143**		**3,792.7044**	**3,792.7044**	**0.2543**		**3,799.0618**

3.2 Demolition - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.1674	0.0000	3.1674	0.4796	0.0000	0.4796			0.0000			0.0000
Off-Road	0.9246	18.3130	24.6739	0.0388		0.8627	0.8627		0.8627	0.8627	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**0.9246**	**18.3130**	**24.6739**	**0.0388**	**3.1674**	**0.8627**	**4.0301**	**0.4796**	**0.8627**	**1.3423**	**0.0000**	**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3283	11.0902	2.5241	0.0336	1.2697	0.0359	1.3056	0.3343	0.0343	0.3687		3,637.3542	3,637.3542	0.2501		3,643.6076
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0692	0.0450	0.5078	1.5600e-003	0.1677	1.2300e-003	0.1689	0.0445	1.1400e-003	0.0456		155.3502	155.3502	4.1600e-003		155.4543
Total	**0.3975**	**11.1351**	**3.0319**	**0.0352**	**1.4374**	**0.0371**	**1.4745**	**0.3788**	**0.0355**	**0.4143**		**3,792.7044**	**3,792.7044**	**0.2543**		**3,799.0618**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**18.0663**	**2.0445**	**20.1107**	**9.9307**	**1.8809**	**11.8116**		**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0830	0.0539	0.6094	1.8700e-003	0.2012	1.4800e-003	0.2027	0.0534	1.3600e-003	0.0547		186.4202	186.4202	5.0000e-003		186.5451
Total	**0.0830**	**0.0539**	**0.6094**	**1.8700e-003**	**0.2012**	**1.4800e-003**	**0.2027**	**0.0534**	**1.3600e-003**	**0.0547**		**186.4202**	**186.4202**	**5.0000e-003**		**186.5451**

3.3 Site Preparation - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.6936	0.0000	6.6936	3.6793	0.0000	3.6793			0.0000			0.0000
Off-Road	0.9312	19.0656	22.9600	0.0380		0.9462	0.9462		0.9462	0.9462	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**0.9312**	**19.0656**	**22.9600**	**0.0380**	**6.6936**	**0.9462**	**7.6397**	**3.6793**	**0.9462**	**4.6255**	**0.0000**	**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0830	0.0539	0.6094	1.8700e-003	0.2012	1.4800e-003	0.2027	0.0534	1.3600e-003	0.0547		186.4202	186.4202	5.0000e-003		186.5451
Total	**0.0830**	**0.0539**	**0.6094**	**1.8700e-003**	**0.2012**	**1.4800e-003**	**0.2027**	**0.0534**	**1.3600e-003**	**0.0547**		**186.4202**	**186.4202**	**5.0000e-003**		**186.5451**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5825	0.0000	6.5825	3.3707	0.0000	3.3707			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**6.5825**	**1.9853**	**8.5679**	**3.3707**	**1.8265**	**5.1973**		**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0922	0.0599	0.6771	2.0800e-003	0.2236	1.6500e-003	0.2252	0.0593	1.5200e-003	0.0608		207.1336	207.1336	5.5500e-003		207.2724
Total	**0.0922**	**0.0599**	**0.6771**	**2.0800e-003**	**0.2236**	**1.6500e-003**	**0.2252**	**0.0593**	**1.5200e-003**	**0.0608**		**207.1336**	**207.1336**	**5.5500e-003**		**207.2724**

3.4 Grading - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.4388	0.0000	2.4388	1.2489	0.0000	1.2489			0.0000			0.0000
Off-Road	1.5231	29.9782	36.7226	0.0620		1.2994	1.2994		1.2994	1.2994	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**1.5231**	**29.9782**	**36.7226**	**0.0620**	**2.4388**	**1.2994**	**3.7383**	**1.2489**	**1.2994**	**2.5483**	**0.0000**	**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0922	0.0599	0.6771	2.0800e-003	0.2236	1.6500e-003	0.2252	0.0593	1.5200e-003	0.0608		207.1336	207.1336	5.5500e-003		207.2724
Total	**0.0922**	**0.0599**	**0.6771**	**2.0800e-003**	**0.2236**	**1.6500e-003**	**0.2252**	**0.0593**	**1.5200e-003**	**0.0608**		**207.1336**	**207.1336**	**5.5500e-003**		**207.2724**

3.4 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5825	0.0000	6.5825	3.3707	0.0000	3.3707			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**3.6248**	**38.8435**	**29.0415**	**0.0621**	**6.5825**	**1.6349**	**8.2174**	**3.3707**	**1.5041**	**4.8748**		**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0868	0.0541	0.6250	2.0000e-003	0.2236	1.6000e-003	0.2252	0.0593	1.4700e-003	0.0608		199.7073	199.7073	5.0100e-003		199.8326
Total	**0.0868**	**0.0541**	**0.6250**	**2.0000e-003**	**0.2236**	**1.6000e-003**	**0.2252**	**0.0593**	**1.4700e-003**	**0.0608**		**199.7073**	**199.7073**	**5.0100e-003**		**199.8326**

3.4 Grading - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.4388	0.0000	2.4388	1.2489	0.0000	1.2489			0.0000			0.0000
Off-Road	1.5231	29.9782	36.7226	0.0621		1.2994	1.2994		1.2994	1.2994	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	**1.5231**	**29.9782**	**36.7226**	**0.0621**	**2.4388**	**1.2994**	**3.7383**	**1.2489**	**1.2994**	**2.5483**	**0.0000**	**6,011.4105**	**6,011.4105**	**1.9442**		**6,060.0158**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0868	0.0541	0.6250	2.0000e-003	0.2236	1.6000e-003	0.2252	0.0593	1.4700e-003	0.0608		199.7073	199.7073	5.0100e-003		199.8326
Total	**0.0868**	**0.0541**	**0.6250**	**2.0000e-003**	**0.2236**	**1.6000e-003**	**0.2252**	**0.0593**	**1.4700e-003**	**0.0608**		**199.7073**	**199.7073**	**5.0100e-003**		**199.8326**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.3648	244.2049	76.0465	0.8541	22.9826	0.2898	23.2724	6.6165	0.2770	6.8935		91,341.2711	91,341.2711	5.2940		91,473.6221
Worker	45.5611	27.2645	320.7681	1.0738	124.4966	0.8670	125.3636	33.0171	0.7983	33.8154		107,069.1965	107,069.1965	2.5153		107,132.0782
Total	**52.9259**	**271.4693**	**396.8146**	**1.9280**	**147.4792**	**1.1568**	**148.6361**	**39.6335**	**1.0753**	**40.7089**		**198,410.4675**	**198,410.4675**	**7.8093**		**198,605.7003**

3.5 Building Construction - 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	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0269		0.9036	0.9036		0.9036	0.9036	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**0.6739**	**14.2261**	**17.8738**	**0.0269**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.3648	244.2049	76.0465	0.8541	22.9826	0.2898	23.2724	6.6165	0.2770	6.8935		91,341.2711	91,341.2711	5.2940		91,473.6221
Worker	45.5611	27.2645	320.7681	1.0738	124.4966	0.8670	125.3636	33.0171	0.7983	33.8154		107,069.1965	107,069.1965	2.5153		107,132.0782
Total	**52.9259**	**271.4693**	**396.8146**	**1.9280**	**147.4792**	**1.1568**	**148.6361**	**39.6335**	**1.0753**	**40.7089**		**198,410.4675**	**198,410.4675**	**7.8093**		**198,605.7003**

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**		**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.2052	243.6709	73.8655	0.8507	22.9827	0.2855	23.2682	6.6165	0.2730	6.8894		91,030.6052	91,030.6052	5.2067		91,160.7730
Worker	43.2473	24.8368	299.0674	1.0383	124.4966	0.8556	125.3521	33.0171	0.7876	33.8046		103,541.3564	103,541.3564	2.3029		103,598.9286
Total	**50.4525**	**268.5077**	**372.9329**	**1.8889**	**147.4792**	**1.1411**	**148.6203**	**39.6335**	**1.0605**	**40.6940**		**194,571.9615**	**194,571.9615**	**7.5096**		**194,759.7017**

3.5 Building Construction - 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	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0270		0.9036	0.9036		0.9036	0.9036	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**0.6739**	**14.2261**	**17.8738**	**0.0270**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.2052	243.6709	73.8655	0.8507	22.9827	0.2855	23.2682	6.6165	0.2730	6.8894		91,030.6052	91,030.6052	5.2067		91,160.7730
Worker	43.2473	24.8368	299.0674	1.0383	124.4966	0.8556	125.3521	33.0171	0.7876	33.8046		103,541.3564	103,541.3564	2.3029		103,598.9286
Total	**50.4525**	**268.5077**	**372.9329**	**1.8889**	**147.4792**	**1.1411**	**148.6203**	**39.6335**	**1.0605**	**40.6940**		**194,571.9615**	**194,571.9615**	**7.5096**		**194,759.7017**

3.5 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.0209	241.5405	71.9352	0.8454	22.9826	0.2803	23.2629	6.6164	0.2679	6.8843		90,528.5568	90,528.5568	5.1187		90,656.5245
Worker	41.1962	22.7070	277.6744	0.9972	124.4966	0.8392	125.3358	33.0171	0.7724	33.7894		99,462.7283	99,462.7283	2.0977		99,515.1708
Total	**48.2171**	**264.2475**	**349.6096**	**1.8426**	**147.4792**	**1.1194**	**148.5986**	**39.6335**	**1.0403**	**40.6738**		**189,991.2852**	**189,991.2852**	**7.2164**		**190,171.6953**

3.5 Building Construction - 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	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0270		0.9036	0.9036		0.9036	0.9036	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**0.6739**	**14.2261**	**17.8738**	**0.0270**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.0209	241.5405	71.9352	0.8454	22.9826	0.2803	23.2629	6.6164	0.2679	6.8843		90,528.5568	90,528.5568	5.1187		90,656.5245
Worker	41.1962	22.7070	277.6744	0.9972	124.4966	0.8392	125.3358	33.0171	0.7724	33.7894		99,462.7283	99,462.7283	2.0977		99,515.1708
Total	**48.2171**	**264.2475**	**349.6096**	**1.8426**	**147.4792**	**1.1194**	**148.5986**	**39.6335**	**1.0403**	**40.6738**		**189,991.2852**	**189,991.2852**	**7.2164**		**190,171.6953**

3.5 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.8598	239.2810	70.4432	0.8405	22.9827	0.2744	23.2570	6.6165	0.2623	6.8787		90,048.0064	90,048.0064	5.0318		90,173.8014
Worker	39.4315	20.9012	259.4451	0.9617	124.4966	0.8115	125.3080	33.0171	0.7467	33.7638		95,935.7418	95,935.7418	1.9210		95,983.7663
Total	**46.2912**	**260.1821**	**329.8883**	**1.8022**	**147.4793**	**1.0858**	**148.5651**	**39.6336**	**1.0090**	**40.6425**		**185,983.7481**	**185,983.7481**	**6.9528**		**186,157.5678**

3.5 Building Construction - 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	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0270		0.9036	0.9036		0.9036	0.9036	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**0.6739**	**14.2261**	**17.8738**	**0.0270**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.8598	239.2810	70.4432	0.8405	22.9827	0.2744	23.2570	6.6165	0.2623	6.8787		90,048.0064	90,048.0064	5.0318		90,173.8014
Worker	39.4315	20.9012	259.4451	0.9617	124.4966	0.8115	125.3080	33.0171	0.7467	33.7638		95,935.7418	95,935.7418	1.9210		95,983.7663
Total	**46.2912**	**260.1821**	**329.8883**	**1.8022**	**147.4793**	**1.0858**	**148.5651**	**39.6336**	**1.0090**	**40.6425**		**185,983.7481**	**185,983.7481**	**6.9528**		**186,157.5678**

3.5 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.7246	237.0935	69.2398	0.8361	22.9828	0.2688	23.2515	6.6165	0.2569	6.8734		89,617.8818	89,617.8818	4.9460		89,741.5312
Worker	37.6855	19.2761	243.1900	0.9304	124.4966	0.7671	125.2637	33.0171	0.7058	33.7229		92,824.8942	92,824.8942	1.7619		92,868.9424
Total	**44.4101**	**256.3696**	**312.4298**	**1.7664**	**147.4793**	**1.0359**	**148.5152**	**39.6336**	**0.9627**	**40.5963**		**182,442.7760**	**182,442.7760**	**6.7079**		**182,610.4737**

3.5 Building Construction - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0270		0.9036	0.9036		0.9036	0.9036	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**0.6739**	**14.2261**	**17.8738**	**0.0270**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.7246	237.0935	69.2398	0.8361	22.9828	0.2688	23.2515	6.6165	0.2569	6.8734		89,617.8818	89,617.8818	4.9460		89,741.5312
Worker	37.6855	19.2761	243.1900	0.9304	124.4966	0.7671	125.2637	33.0171	0.7058	33.7229		92,824.8942	92,824.8942	1.7619		92,868.9424
Total	**44.4101**	**256.3696**	**312.4298**	**1.7664**	**147.4793**	**1.0359**	**148.5152**	**39.6336**	**0.9627**	**40.5963**		**182,442.7760**	**182,442.7760**	**6.7079**		**182,610.4737**

3.5 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.6091	235.2943	68.3115	0.8324	22.9829	0.2643	23.2471	6.6165	0.2526	6.8691		89,253.6802	89,253.6802	4.8657		89,375.3228
Worker	35.8572	17.8176	228.9420	0.9028	124.4966	0.7107	125.2073	33.0171	0.6538	33.6709		90,084.9488	90,084.9488	1.6248		90,125.5693
Total	**42.4663**	**253.1119**	**297.2534**	**1.7351**	**147.4795**	**0.9750**	**148.4544**	**39.6336**	**0.9064**	**40.5401**		**179,338.6290**	**179,338.6290**	**6.4905**		**179,500.8921**

3.5 Building Construction - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0270		0.9036	0.9036		0.9036	0.9036	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**0.6739**	**14.2261**	**17.8738**	**0.0270**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.6091	235.2943	68.3115	0.8324	22.9829	0.2643	23.2471	6.6165	0.2526	6.8691		89,253.6802	89,253.6802	4.8657		89,375.3228
Worker	35.8572	17.8176	228.9420	0.9028	124.4966	0.7107	125.2073	33.0171	0.6538	33.6709		90,084.9488	90,084.9488	1.6248		90,125.5693
Total	**42.4663**	**253.1119**	**297.2534**	**1.7351**	**147.4795**	**0.9750**	**148.4544**	**39.6336**	**0.9064**	**40.5401**		**179,338.6290**	**179,338.6290**	**6.4905**		**179,500.8921**

3.5 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.5039	233.5304	67.4458	0.8290	22.9830	0.2592	23.2422	6.6166	0.2477	6.8643		88,928.5091	88,928.5091	4.7948		89,048.3788
Worker	33.7884	16.4079	214.8930	0.8783	124.4966	0.6603	125.1569	33.0171	0.6074	33.6245		87,654.7203	87,654.7203	1.4905		87,691.9821
Total	**40.2923**	**249.9382**	**282.3388**	**1.7073**	**147.4796**	**0.9195**	**148.3991**	**39.6337**	**0.8551**	**40.4888**		**176,583.2294**	**176,583.2294**	**6.2853**		**176,740.3609**

3.5 Building Construction - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0270		0.9036	0.9036		0.9036	0.9036	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**0.6739**	**14.2261**	**17.8738**	**0.0270**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.5039	233.5304	67.4458	0.8290	22.9830	0.2592	23.2422	6.6166	0.2477	6.8643		88,928.5091	88,928.5091	4.7948		89,048.3788
Worker	33.7884	16.4079	214.8930	0.8783	124.4966	0.6603	125.1569	33.0171	0.6074	33.6245		87,654.7203	87,654.7203	1.4905		87,691.9821
Total	**40.2923**	**249.9382**	**282.3388**	**1.7073**	**147.4796**	**0.9195**	**148.3991**	**39.6337**	**0.8551**	**40.4888**		**176,583.2294**	**176,583.2294**	**6.2853**		**176,740.3609**

3.5 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.3091**	**7.9346**	**16.1570**	**0.0310**		**0.1481**	**0.1481**		**0.1481**	**0.1481**		**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.4138	231.8320	66.7883	0.8260	22.9831	0.2543	23.2374	6.6166	0.2431	6.8597		88,635.8753	88,635.8753	4.7297		88,754.1170
Worker	31.6664	15.0747	201.9065	0.8565	124.4966	0.6148	125.1113	33.0171	0.5655	33.5826		85,498.4969	85,498.4969	1.3669		85,532.6689
Total	**38.0802**	**246.9066**	**268.6949**	**1.6826**	**147.4797**	**0.8691**	**148.3488**	**39.6337**	**0.8085**	**40.4422**		**174,134.3722**	**174,134.3722**	**6.0966**		**174,286.7858**

3.5 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0310		0.9036	0.9036		0.9036	0.9036	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**0.6739**	**14.2261**	**17.8738**	**0.0310**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.4138	231.8320	66.7883	0.8260	22.9831	0.2543	23.2374	6.6166	0.2431	6.8597		88,635.8753	88,635.8753	4.7297		88,754.1170
Worker	31.6664	15.0747	201.9065	0.8565	124.4966	0.6148	125.1113	33.0171	0.5655	33.5826		85,498.4969	85,498.4969	1.3669		85,532.6689
Total	**38.0802**	**246.9066**	**268.6949**	**1.6826**	**147.4797**	**0.8691**	**148.3488**	**39.6337**	**0.8085**	**40.4422**		**174,134.3722**	**174,134.3722**	**6.0966**		**174,286.7858**

3.5 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.3091**	**7.9346**	**16.1570**	**0.0310**		**0.1481**	**0.1481**		**0.1481**	**0.1481**		**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.3832	230.9672	66.6116	0.8251	22.9832	0.2509	23.2340	6.6166	0.2398	6.8564		88,553.8775	88,553.8775	4.6789		88,670.8502
Worker	29.3357	13.7634	189.6827	0.8386	124.4966	0.5751	125.0717	33.0171	0.5290	33.5461		83,723.5652	83,723.5652	1.2525		83,754.8772
Total	**35.7189**	**244.7305**	**256.2943**	**1.6637**	**147.4797**	**0.8260**	**148.3057**	**39.6337**	**0.7688**	**40.4025**		**172,277.4427**	**172,277.4427**	**5.9314**		**172,425.7274**

3.5 Building Construction - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0310		0.9036	0.9036		0.9036	0.9036	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**0.6739**	**14.2261**	**17.8738**	**0.0310**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.3832	230.9672	66.6116	0.8251	22.9832	0.2509	23.2340	6.6166	0.2398	6.8564		88,553.8775	88,553.8775	4.6789		88,670.8502
Worker	29.3357	13.7634	189.6827	0.8386	124.4966	0.5751	125.0717	33.0171	0.5290	33.5461		83,723.5652	83,723.5652	1.2525		83,754.8772
Total	**35.7189**	**244.7305**	**256.2943**	**1.6637**	**147.4797**	**0.8260**	**148.3057**	**39.6337**	**0.7688**	**40.4025**		**172,277.4427**	**172,277.4427**	**5.9314**		**172,425.7274**

3.5 Building Construction - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.3091**	**7.9346**	**16.1570**	**0.0310**		**0.1481**	**0.1481**		**0.1481**	**0.1481**		**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.3274	229.5022	66.3184	0.8232	22.9832	0.2473	23.2305	6.6166	0.2363	6.8530		88,377.5702	88,377.5702	4.6330		88,493.3941
Worker	27.2514	12.6197	178.3583	0.8216	124.4966	0.5362	125.0328	33.0171	0.4932	33.5103		82,040.0424	82,040.0424	1.1473		82,068.7258
Total	**33.5788**	**242.1219**	**244.6767**	**1.6449**	**147.4798**	**0.7835**	**148.2633**	**39.6337**	**0.7296**	**40.3633**		**170,417.6126**	**170,417.6126**	**5.7803**		**170,562.1199**

3.5 Building Construction - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0310		0.9036	0.9036		0.9036	0.9036	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**0.6739**	**14.2261**	**17.8738**	**0.0310**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.3274	229.5022	66.3184	0.8232	22.9832	0.2473	23.2305	6.6166	0.2363	6.8530		88,377.5702	88,377.5702	4.6330		88,493.3941
Worker	27.2514	12.6197	178.3583	0.8216	124.4966	0.5362	125.0328	33.0171	0.4932	33.5103		82,040.0424	82,040.0424	1.1473		82,068.7258
Total	**33.5788**	**242.1219**	**244.6767**	**1.6449**	**147.4798**	**0.7835**	**148.2633**	**39.6337**	**0.7296**	**40.3633**		**170,417.6126**	**170,417.6126**	**5.7803**		**170,562.1199**

3.5 Building Construction - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.3091**	**7.9346**	**16.1570**	**0.0310**		**0.1481**	**0.1481**		**0.1481**	**0.1481**		**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.2877	228.1728	66.1244	0.8218	22.9832	0.2442	23.2274	6.6167	0.2334	6.8500		88,238.4436	88,238.4436	4.5928		88,353.2639
Worker	25.4697	11.6518	168.6665	0.8068	124.4966	0.5011	124.9977	33.0171	0.4609	33.4780		80,570.4017	80,570.4017	1.0575		80,596.8399
Total	**31.7573**	**239.8246**	**234.7909**	**1.6286**	**147.4798**	**0.7453**	**148.2251**	**39.6337**	**0.6943**	**40.3280**		**168,808.8452**	**168,808.8452**	**5.6504**		**168,950.1038**

3.5 Building Construction - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0310		0.9036	0.9036		0.9036	0.9036	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**0.6739**	**14.2261**	**17.8738**	**0.0310**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.2877	228.1728	66.1244	0.8218	22.9832	0.2442	23.2274	6.6167	0.2334	6.8500		88,238.4436	88,238.4436	4.5928		88,353.2639
Worker	25.4697	11.6518	168.6665	0.8068	124.4966	0.5011	124.9977	33.0171	0.4609	33.4780		80,570.4017	80,570.4017	1.0575		80,596.8399
Total	**31.7573**	**239.8246**	**234.7909**	**1.6286**	**147.4798**	**0.7453**	**148.2251**	**39.6337**	**0.6943**	**40.3280**		**168,808.8452**	**168,808.8452**	**5.6504**		**168,950.1038**

3.5 Building Construction - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**1.3091**	**7.9346**	**16.1570**	**0.0310**		**0.1481**	**0.1481**		**0.1481**	**0.1481**		**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.2521	226.9733	65.9184	0.8207	22.9833	0.2410	23.2243	6.6167	0.2303	6.8470		88,131.5680	88,131.5680	4.5589		88,245.5409
Worker	23.9649	10.8416	159.3284	0.7938	124.4966	0.4679	124.9645	33.0171	0.4304	33.4475		79,283.8405	79,283.8405	0.9721		79,308.1436
Total	**30.2170**	**237.8150**	**225.2468**	**1.6145**	**147.4799**	**0.7089**	**148.1888**	**39.6338**	**0.6607**	**40.2945**		**167,415.4085**	**167,415.4085**	**5.5310**		**167,553.6845**

3.5 Building Construction - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0310		0.9036	0.9036		0.9036	0.9036	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**0.6739**	**14.2261**	**17.8738**	**0.0310**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.2521	226.9733	65.9184	0.8207	22.9833	0.2410	23.2243	6.6167	0.2303	6.8470		88,131.5680	88,131.5680	4.5589		88,245.5409
Worker	23.9649	10.8416	159.3284	0.7938	124.4966	0.4679	124.9645	33.0171	0.4304	33.4475		79,283.8405	79,283.8405	0.9721		79,308.1436
Total	**30.2170**	**237.8150**	**225.2468**	**1.6145**	**147.4799**	**0.7089**	**148.1888**	**39.6338**	**0.6607**	**40.2945**		**167,415.4085**	**167,415.4085**	**5.5310**		**167,553.6845**

3.5 Building Construction - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**1.2168**	**7.1613**	**16.1178**	**0.0310**		**0.0904**	**0.0904**		**0.0904**	**0.0904**		**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.2219	226.0068	65.7195	0.8198	22.9834	0.2386	23.2219	6.6167	0.2280	6.8447		88,048.6068	88,048.6068	4.5294		88,161.8421
Worker	22.7160	10.2479	151.6218	0.7827	124.4966	0.4384	124.9350	33.0171	0.4032	33.4203		78,182.2620	78,182.2620	0.9023		78,204.8186
Total	**28.9379**	**236.2547**	**217.3413**	**1.6025**	**147.4800**	**0.6769**	**148.1569**	**39.6338**	**0.6312**	**40.2650**		**166,230.8688**	**166,230.8688**	**5.4317**		**166,366.6607**

3.5 Building Construction - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6739	14.2261	17.8738	0.0310		0.9036	0.9036		0.9036	0.9036	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**0.6739**	**14.2261**	**17.8738**	**0.0310**		**0.9036**	**0.9036**		**0.9036**	**0.9036**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.2219	226.0068	65.7195	0.8198	22.9834	0.2386	23.2219	6.6167	0.2280	6.8447		88,048.6068	88,048.6068	4.5294		88,161.8421
Worker	22.7160	10.2479	151.6218	0.7827	124.4966	0.4384	124.9350	33.0171	0.4032	33.4203		78,182.2620	78,182.2620	0.9023		78,204.8186
Total	**28.9379**	**236.2547**	**217.3413**	**1.6025**	**147.4800**	**0.6769**	**148.1569**	**39.6338**	**0.6312**	**40.2650**		**166,230.8688**	**166,230.8688**	**5.4317**		**166,366.6607**

3.6 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	441.4506					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
Total	**441.5813**	**0.8563**	**1.7977**	**2.9700e-003**		**0.0203**	**0.0203**		**0.0203**	**0.0203**		**281.4481**	**281.4481**	**0.0114**		**281.7328**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	4.7938	2.1687	31.8714	0.1588	24.9038	0.0936	24.9974	6.6046	0.0861	6.6907		15,859.6154	15,859.6154	0.1945		15,864.4769
Total	**4.7938**	**2.1687**	**31.8714**	**0.1588**	**24.9038**	**0.0936**	**24.9974**	**6.6046**	**0.0861**	**6.6907**		**15,859.6154**	**15,859.6154**	**0.1945**		**15,864.4769**

3.6 Architectural Coating - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	441.4506					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0594	1.3570	1.8324	2.9700e-003		0.0951	0.0951		0.0951	0.0951	0.0000	281.4481	281.4481	0.0114		281.7328
Total	**441.5100**	**1.3570**	**1.8324**	**2.9700e-003**		**0.0951**	**0.0951**		**0.0951**	**0.0951**	**0.0000**	**281.4481**	**281.4481**	**0.0114**		**281.7328**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	4.7938	2.1687	31.8714	0.1588	24.9038	0.0936	24.9974	6.6046	0.0861	6.6907		15,859.6154	15,859.6154	0.1945		15,864.4769
Total	**4.7938**	**2.1687**	**31.8714**	**0.1588**	**24.9038**	**0.0936**	**24.9974**	**6.6046**	**0.0861**	**6.6907**		**15,859.6154**	**15,859.6154**	**0.1945**		**15,864.4769**

3.7 Paving - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.5577					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.9422**	**7.1202**	**15.8495**	**0.0281**		**0.3306**	**0.3306**		**0.3306**	**0.3306**		**2,656.5168**	**2,656.5168**	**0.1245**		**2,659.6302**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0323	0.0146	0.2146	1.0700e-003	0.1677	6.3000e-004	0.1683	0.0445	5.8000e-004	0.0451		106.7748	106.7748	1.3100e-003		106.8075
Total	**0.0323**	**0.0146**	**0.2146**	**1.0700e-003**	**0.1677**	**6.3000e-004**	**0.1683**	**0.0445**	**5.8000e-004**	**0.0451**		**106.7748**	**106.7748**	**1.3100e-003**		**106.8075**

3.7 Paving - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5609	11.2952	17.2957	0.0281		0.6093	0.6093		0.6093	0.6093	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.5577					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1186**	**11.2952**	**17.2957**	**0.0281**		**0.6093**	**0.6093**		**0.6093**	**0.6093**	**0.0000**	**2,656.5168**	**2,656.5168**	**0.1245**		**2,659.6302**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0323	0.0146	0.2146	1.0700e-003	0.1677	6.3000e-004	0.1683	0.0445	5.8000e-004	0.0451		106.7748	106.7748	1.3100e-003		106.8075
Total	**0.0323**	**0.0146**	**0.2146**	**1.0700e-003**	**0.1677**	**6.3000e-004**	**0.1683**	**0.0445**	**5.8000e-004**	**0.0451**		**106.7748**	**106.7748**	**1.3100e-003**		**106.8075**

3.7 Paving - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1405	4.8761	15.8203	0.0281		0.1874	0.1874		0.1874	0.1874		2,656.5168	2,656.5168	0.1022		2,659.0727
Paving	0.5577					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6982**	**4.8761**	**15.8203**	**0.0281**		**0.1874**	**0.1874**		**0.1874**	**0.1874**		**2,656.5168**	**2,656.5168**	**0.1022**		**2,659.0727**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0306	0.0138	0.2042	1.0500e-003	0.1677	5.9000e-004	0.1683	0.0445	5.4000e-004	0.0450		105.2913	105.2913	1.2200e-003		105.3216
Total	**0.0306**	**0.0138**	**0.2042**	**1.0500e-003**	**0.1677**	**5.9000e-004**	**0.1683**	**0.0445**	**5.4000e-004**	**0.0450**		**105.2913**	**105.2913**	**1.2200e-003**		**105.3216**

3.7 Paving - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5609	11.2952	17.2957	0.0281		0.6093	0.6093		0.6093	0.6093	0.0000	2,656.5168	2,656.5168	0.1022		2,659.0726
Paving	0.5577					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1186**	**11.2952**	**17.2957**	**0.0281**		**0.6093**	**0.6093**		**0.6093**	**0.6093**	**0.0000**	**2,656.5168**	**2,656.5168**	**0.1022**		**2,659.0726**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0306	0.0138	0.2042	1.0500e-003	0.1677	5.9000e-004	0.1683	0.0445	5.4000e-004	0.0450		105.2913	105.2913	1.2200e-003		105.3216
Total	**0.0306**	**0.0138**	**0.2042**	**1.0500e-003**	**0.1677**	**5.9000e-004**	**0.1683**	**0.0445**	**5.4000e-004**	**0.0450**		**105.2913**	**105.2913**	**1.2200e-003**		**105.3216**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

Improve Destination Accessibility

Increase Transit Accessibility

Improve Pedestrian Network

Increase Transit Frequency

Implement Trip Reduction Program

Transit Subsidy

Encourage Telecommuting and Alternative Work Schedules

Market Commute Trip Reduction Option

Employee Vanpool/Shuttle

Provide Riade Sharing Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	48.3334	337.8654	365.4933	1.5652	143.7700	0.8465	144.6165	38.4514	0.7855	39.2369		161,851.9856	161,851.9856	8.4268		162,062.6566
Unmitigated	70.7264	448.6563	857.3894	4.5658	502.8841	2.2729	505.1570	134.4967	2.1127	136.6094		469,550.5543	469,550.5543	18.5719		470,014.8516

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	20,186.32	20,186.32	20186.32	68,979,722	20,973,890
Arena	0.00	0.00	0.00		
City Park	8.58	8.58	8.58	24,689	6,809
Condo/Townhouse	3,204.68	3,204.68	3204.68	10,950,878	3,329,711
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	21,447.88	21,447.88	21447.88	69,093,522	19,054,745
Government Office Building	0.00	0.00	0.00		
Hotel	6,553.85	6,553.85	6553.85	15,638,607	4,332,084
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	33,226.16	33,226.16	33226.16	71,863,006	19,930,382
Unenclosed Parking with Elevator	0.00	0.00	0.00		
Total	84,627.48	84,627.48	84,627.48	236,550,425	67,627,622

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Arena	16.60	8.40	6.90	0.00	81.00	19.00	66	28	6
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
Condo/Townhouse	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Government Office Building	16.60	8.40	6.90	33.00	62.00	5.00	50	34	16
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11
Unenclosed Parking with	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
Arena	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
City Park	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
Condo/Townhouse	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
Enclosed Parking with Elevator	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
General Office Building	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
Government Office Building	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
Hotel	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
Other Asphalt Surfaces	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
Parking Lot	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
Regional Shopping Center	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730
Unenclosed Parking with Elevator	0.551603	0.041085	0.206475	0.110641	0.012172	0.005739	0.022664	0.039599	0.002222	0.001434	0.004920	0.000715	0.000730

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Install Energy Efficient Appliances

Platinum Triangle Stadium District Project - South Coast AQMD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	3.5454	31.3023	20.2667	0.1934		2.4495	2.4495		2.4495	2.4495		38,676.6331	38,676.6331	0.7413	0.7091	38,906.4690
NaturalGas Unmitigated	4.0159	35.4842	23.1568	0.2191		2.7746	2.7746		2.7746	2.7746		43,809.9078	43,809.9078	0.8397	0.8032	44,070.2482

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	139822	1.5079	12.8856	5.4832	0.0823		1.0418	1.0418		1.0418	1.0418		16,449.6491	16,449.6491	0.3153	0.3016	16,547.4012
Arena	64851.1	0.6994	6.3580	5.3407	0.0382		0.4832	0.4832		0.4832	0.4832		7,629.5408	7,629.5408	0.1462	0.1399	7,674.8793
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	34276	0.3696	3.1588	1.3442	0.0202		0.2554	0.2554		0.2554	0.2554		4,032.4744	4,032.4744	0.0773	0.0739	4,056.4373
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	66387.8	0.7160	6.5086	5.4672	0.0391		0.4947	0.4947		0.4947	0.4947		7,810.3325	7,810.3325	0.1497	0.1432	7,856.7454
Government Office Building	250.411	2.7000e-003	0.0246	0.0206	1.5000e-004		1.8700e-003	1.8700e-003		1.8700e-003	1.8700e-003		29.4601	29.4601	5.6000e-004	5.4000e-004	29.6352
Hotel	60993.2	0.6578	5.9797	5.0230	0.0359		0.4545	0.4545		0.4545	0.4545		7,175.6648	7,175.6648	0.1375	0.1316	7,218.3062
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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
Regional Shopping Center	5803.68	0.0626	0.5690	0.4780	3.4100e-003		0.0432	0.0432		0.0432	0.0432		682.7861	682.7861	0.0131	0.0125	686.8436
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**4.0159**	**35.4842**	**23.1568**	**0.2191**		**2.7746**	**2.7746**		**2.7746**	**2.7746**		**43,809.9078**	**43,809.9078**	**0.8397**	**0.8032**	**44,070.2482**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	127.526	1.3753	11.7524	5.0010	0.0750		0.9502	0.9502		0.9502	0.9502		15,003.0420	15,003.0420	0.2876	0.2751	15,092.1975
Arena	57.445	0.6195	5.6319	4.7308	0.0338		0.4280	0.4280		0.4280	0.4280		6,758.2399	6,758.2399	0.1295	0.1239	6,798.4008
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	30.2706	0.3265	2.7896	1.1871	0.0178		0.2256	0.2256		0.2256	0.2256		3,561.2465	3,561.2465	0.0683	0.0653	3,582.4092
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	55.781	0.6016	5.4687	4.5937	0.0328		0.4156	0.4156		0.4156	0.4156		6,562.4738	6,562.4738	0.1258	0.1203	6,601.4713
Government Office Building	0.210403	2.2700e-003	0.0206	0.0173	1.2000e-004		1.5700e-003	1.5700e-003		1.5700e-003	1.5700e-003		24.7533	24.7533	4.7000e-004	4.5000e-004	24.9004
Hotel	52.1834	0.5628	5.1160	4.2975	0.0307		0.3888	0.3888		0.3888	0.3888		6,139.2264	6,139.2264	0.1177	0.1126	6,175.7088
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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
Regional Shopping Center	5.33503	0.0575	0.5230	0.4394	3.1400e-003		0.0398	0.0398		0.0398	0.0398		627.6512	627.6512	0.0120	0.0115	631.3810
Unenclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**3.5454**	**31.3023**	**20.2667**	**0.1934**		**2.4495**	**2.4495**		**2.4495**	**2.4495**		**38,676.6331**	**38,676.6331**	**0.7413**	**0.7091**	**38,906.4690**

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

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	274.1673	16.6993	433.7695	0.0979		3.3303	3.3303		3.3303	3.3303	0.0000	15,790.0360	15,790.0360	1.0380	0.2753	15,898.0139
Unmitigated	413.8364	37.3910	1,702.1719	4.2362		210.2475	210.2475		210.2475	210.2475	30,540.9787	15,790.0360	46,331.0147	143.8109	0.2753	50,008.3143

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	25.3985					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	234.3680					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	141.0454	32.4528	1,273.4071	4.2134		207.8681	207.8681		207.8681	207.8681	30,540.9787	15,014.1177	45,555.0964	143.0606	0.2753	49,213.6395
Landscaping	13.0244	4.9382	428.7648	0.0228		2.3794	2.3794		2.3794	2.3794		775.9184	775.9184	0.7503		794.6749
Total	**413.8364**	**37.3910**	**1,702.1719**	**4.2362**		**210.2475**	**210.2475**		**210.2475**	**210.2475**	**30,540.9787**	**15,790.0360**	**46,331.0147**	**143.8109**	**0.2753**	**50,008.3143**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	25.3985					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	234.3680					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.3763	11.7611	5.0047	0.0751		0.9509	0.9509		0.9509	0.9509	0.0000	15,014.1177	15,014.1177	0.2878	0.2753	15,103.3390
Landscaping	13.0244	4.9382	428.7648	0.0228		2.3794	2.3794		2.3794	2.3794		775.9184	775.9184	0.7503		794.6749
Total	**274.1673**	**16.6993**	**433.7695**	**0.0979**		**3.3303**	**3.3303**		**3.3303**	**3.3303**	**0.0000**	**15,790.0360**	**15,790.0360**	**1.0380**	**0.2753**	**15,898.0139**

7.0 Water Detail

7.1 Mitigation Measures Water

Use Reclaimed Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation