APPENDIX C

AIR QUALITY/GHG CALEEMOD OUTPUTS

Unmitigated Emissions

Stonegate, Chico - Construction and Operation

Butte County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	205.00	1000sqft	0.00	205,000.00	0
Apartments Low Rise	233.00	Dwelling Unit	0.00	233,000.00	576
Single Family Housing	469.00	Dwelling Unit	204.80	844,200.00	1158
Strip Mall	240.00	1000sqft	0.00	240,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	71
Climate Zone	3			**Operational Year**	2035
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	290	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Stonegate, Chico - Construction and Operation - Butte County, Annual

Project Characteristics - Using the 2020 PG&E CO2 rate

Land Use - Land uses from traffic report, acreage from PD (313) less open space (108.2) = 204.8ac. 2.47 persons per household per US Census (1,734 total pop).

Construction Phase - default

Trips and VMT -

Grading -

Architectural Coating - 150 g/L Rule 230

Vehicle Trips - Trip rates from project traffic report incl trip reductions. Trip lengths based on ACS data and statewide averages for urban trips.

Woodstoves - No woodstoves or wood fireplaces, up to 25% gas-powered fireplaces in SFR only.

Energy Use -

Construction Off-road Equipment Mitigation - Tier 4 engines for equip

Mobile Land Use Mitigation -

Energy Mitigation - energy-efficient appliances

Fleet Mix - Chico-specific traffic mix data

Consumer Products - 2012 CARB Almanac emissions data

Solid Waste - Per county data (B. Mannel, 2014) the Neal Road Landfill captures at least 90% methane

Area Coating - 150 g/L Rule 230

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Parking	250.00	150.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	150.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaCoating	Area_EF_Nonresidential_Interior	250	150
tblAreaCoating	Area_EF_Parking	250	150
tblAreaCoating	Area_EF_Residential_Exterior	250	150

tblAreaCoating	Area_EF_Residential_Interior	250	150
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConsumerProducts	ROG_EF	2.14E-05	1.82E-05
tblFireplaces	FireplaceWoodMass	5,158.40	0.00
tblFireplaces	FireplaceWoodMass	5,158.40	0.00
tblFireplaces	NumberGas	100.19	0.00
tblFireplaces	NumberGas	201.67	117.00
tblFireplaces	NumberNoFireplace	41.94	233.00
tblFireplaces	NumberNoFireplace	84.42	352.00
tblFireplaces	NumberWood	90.87	0.00
tblFireplaces	NumberWood	182.91	0.00
tblFleetMix	HHD	0.09	1.2000e-003
tblFleetMix	HHD	0.09	1.2000e-003
tblFleetMix	HHD	0.09	1.2000e-003
tblFleetMix	HHD	0.09	1.2000e-003
tblFleetMix	LDA	0.59	0.56
tblFleetMix	LDA	0.59	0.56
tblFleetMix	LDA	0.59	0.56
tblFleetMix	LDA	0.59	0.56
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT2	0.17	0.20
tblFleetMix	LDT2	0.17	0.20
tblFleetMix	LDT2	0.17	0.20
tblFleetMix	LDT2	0.17	0.20

tblFleetMix	LHD1	0.01	0.04
tblFleetMix	LHD1	0.01	0.04
tblFleetMix	LHD1	0.01	0.04
tblFleetMix	LHD1	0.01	0.04
tblFleetMix	MDV	0.09	0.13
tblFleetMix	MDV	0.09	0.13
tblFleetMix	MDV	0.09	0.13
tblFleetMix	MDV	0.09	0.13
tblLandUse	LotAcreage	4.71	0.00
tblLandUse	LotAcreage	14.56	0.00
tblLandUse	LotAcreage	152.27	204.80
tblLandUse	LotAcreage	5.51	0.00
tblLandUse	Population	666.00	576.00
tblLandUse	Population	1,341.00	1,158.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	290
tblSolidWaste	LandfillCaptureGasEnergyRecovery	0.00	90.00
tblSolidWaste	LandfillCaptureGasEnergyRecovery	0.00	90.00
tblSolidWaste	LandfillCaptureGasEnergyRecovery	0.00	90.00
tblSolidWaste	LandfillCaptureGasEnergyRecovery	0.00	90.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	4.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	4.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	4.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	4.00
tblVehicleTrips	CC_TL	10.52	7.30
tblVehicleTrips	CC_TL	10.52	7.30
tblVehicleTrips	CNW_TL	10.52	7.30
tblVehicleTrips	CNW_TL	10.52	7.30

tblVehicleTrips	CW_TL	10.52	9.50
tblVehicleTrips	CW_TL	10.52	9.50
tblVehicleTrips	HO_TL	7.22	7.50
tblVehicleTrips	HO_TL	7.22	7.50
tblVehicleTrips	HS_TL	7.22	7.30
tblVehicleTrips	HS_TL	7.22	7.30
tblVehicleTrips	HW_TL	12.54	10.51
tblVehicleTrips	HW_TL	12.54	10.51
tblVehicleTrips	ST_TR	7.16	5.37
tblVehicleTrips	ST_TR	8.96	8.33
tblVehicleTrips	ST_TR	9.91	8.82
tblVehicleTrips	ST_TR	42.04	30.27
tblVehicleTrips	SU_TR	6.07	4.55
tblVehicleTrips	SU_TR	1.55	1.44
tblVehicleTrips	SU_TR	8.62	7.67
tblVehicleTrips	SU_TR	20.43	14.71
tblVehicleTrips	WD_TR	6.59	4.97
tblVehicleTrips	WD_TR	36.13	33.60
tblVehicleTrips	WD_TR	9.52	8.48
tblVehicleTrips	WD_TR	44.32	31.73
tblWoodstoves	NumberCatalytic	20.97	0.00
tblWoodstoves	NumberCatalytic	42.21	0.00
tblWoodstoves	NumberNoncatalytic	20.97	0.00
tblWoodstoves	NumberNoncatalytic	42.21	0.00
tblWoodstoves	WoodstoveDayYear	150.00	0.00
tblWoodstoves	WoodstoveDayYear	150.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.3383	3.4717	1.7532	3.0200e-003	1.3855	0.1818	1.5673	0.7581	0.1672	0.9253	0.0000	271.4770	271.4770	0.0828	0.0000	273.5472
2020	0.5928	6.4805	4.1661	8.0300e-003	1.5976	0.2853	1.8829	0.5992	0.2625	0.8617	0.0000	705.9499	705.9499	0.2224	0.0000	711.5086
2021	0.5732	5.9723	4.2894	9.2700e-003	1.4196	0.2455	1.6651	0.4780	0.2261	0.7042	0.0000	822.1882	822.1882	0.2220	0.0000	827.7382
2022	0.6093	4.7913	5.0607	0.0162	0.7500	0.1176	0.8676	0.2038	0.1107	0.3145	0.0000	1,485.3027	1,485.3027	0.1478	0.0000	1,488.9966
2023	0.5490	4.1062	4.7155	0.0159	0.7500	0.0985	0.8484	0.2038	0.0926	0.2964	0.0000	1,455.9959	1,455.9959	0.1288	0.0000	1,459.2156
2024	0.5178	3.9432	4.5170	0.0158	0.7557	0.0875	0.8432	0.2053	0.0823	0.2876	0.0000	1,444.4562	1,444.4562	0.1272	0.0000	1,447.6360
2025	0.4838	3.7387	4.3008	0.0155	0.7528	0.0757	0.8285	0.2046	0.0712	0.2757	0.0000	1,416.8463	1,416.8463	0.1240	0.0000	1,419.9473
2026	0.4673	3.6827	4.1364	0.0153	0.7528	0.0754	0.8282	0.2046	0.0709	0.2754	0.0000	1,396.5864	1,396.5864	0.1221	0.0000	1,399.6387
2027	0.4512	3.6319	3.9832	0.0151	0.7528	0.0751	0.8279	0.2046	0.0706	0.2751	0.0000	1,378.2282	1,378.2282	0.1200	0.0000	1,381.2281
2028	0.4326	3.5758	3.8384	0.0148	0.7500	0.0744	0.8244	0.2038	0.0700	0.2737	0.0000	1,356.8616	1,356.8616	0.1178	0.0000	1,359.8056
2029	0.4160	3.5509	3.7254	0.0147	0.7528	0.0744	0.8272	0.2046	0.0699	0.2745	0.0000	1,347.6629	1,347.6629	0.1165	0.0000	1,350.5753
2030	0.3899	2.9245	3.6184	0.0151	0.7528	0.0245	0.7774	0.2046	0.0242	0.2288	0.0000	1,375.3817	1,375.3817	0.0575	0.0000	1,376.8186

	ROG	NOx	CO	SO2	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					
2031	0.3697	2.8927	3.5032	0.0150	0.7528	0.0243	0.7771	0.2046	0.0239	0.2285	0.0000	1,364.3109	1,364.3109	0.0558	0.0000	1,365.7061
2032	0.3561	2.8773	3.4275	0.0149	0.7557	0.0241	0.7798	0.2053	0.0238	0.2291	0.0000	1,360.1415	1,360.1415	0.0547	0.0000	1,361.5101
2033	0.3395	2.8320	3.3224	0.0147	0.7500	0.0237	0.7736	0.2038	0.0234	0.2272	0.0000	1,341.7405	1,341.7405	0.0533	0.0000	1,343.0728
2034	0.3279	2.8122	3.2500	0.0147	0.7500	0.0235	0.7734	0.2038	0.0232	0.2270	0.0000	1,334.8898	1,334.8898	0.0523	0.0000	1,336.1974
2035	0.3077	2.7061	3.1990	0.0147	0.7528	0.0158	0.7687	0.2046	0.0156	0.2201	0.0000	1,334.2150	1,334.2150	0.0507	0.0000	1,335.4832
2036	0.3089	2.7165	3.2113	0.0147	0.7557	0.0159	0.7716	0.2053	0.0156	0.2210	0.0000	1,339.3270	1,339.3270	0.0509	0.0000	1,340.5999
2037	0.3077	2.7061	3.1990	0.0147	0.7528	0.0158	0.7687	0.2046	0.0156	0.2201	0.0000	1,334.2150	1,334.2150	0.0507	0.0000	1,335.4832
2038	0.3077	2.7061	3.1990	0.0147	0.7528	0.0158	0.7687	0.2046	0.0156	0.2201	0.0000	1,334.2150	1,334.2150	0.0507	0.0000	1,335.4832
2039	0.2618	2.1016	2.8682	0.0115	0.5388	0.0183	0.5570	0.1464	0.0181	0.1644	0.0000	1,039.0653	1,039.0653	0.0395	0.0000	1,040.0520
2040	0.3720	0.4701	2.0455	3.7100e-003	0.0201	0.0149	0.0350	5.3500e-003	0.0149	0.0203	0.0000	319.1277	319.1277	0.0105	0.0000	319.3892
2041	10.4736	0.1048	0.3671	1.0800e-003	0.1144	1.2700e-003	0.1157	0.0305	1.2400e-003	0.0317	0.0000	96.4744	96.4744	1.7700e-003	0.0000	96.5188
2042	2.5281	0.0253	0.0886	2.6000e-004	0.0276	3.1000e-004	0.0279	7.3500e-003	3.0000e-004	7.6500e-003	0.0000	23.2869	23.2869	4.3000e-004	0.0000	23.2976
Maximum	**10.4736**	**6.4805**	**5.0607**	**0.0162**	**1.5976**	**0.2853**	**1.8829**	**0.7581**	**0.2625**	**0.9253**	**0.0000**	**1,485.3027**	**1,485.3027**	**0.2224**	**0.0000**	**1,488.9966**

2.1 Overall Construction

Mitigated Construction

Stonegate, Chico - Construction and Operation - Butte County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.3383	3.4717	1.7532	3.0200e-003	0.3214	0.1818	0.5032	0.1731	0.1672	0.3404	0.0000	271.4766	271.4766	0.0828	0.0000	273.5469
2020	0.5928	6.4805	4.1661	8.0300e-003	0.3778	0.2853	0.6631	0.1397	0.2625	0.4022	0.0000	705.9490	705.9490	0.2224	0.0000	711.5077
2021	0.5732	5.9723	4.2894	9.2700e-003	0.4028	0.2455	0.6483	0.1301	0.2261	0.3563	0.0000	822.1875	822.1875	0.2220	0.0000	827.7374
2022	0.6093	4.7913	5.0607	0.0162	0.7500	0.1176	0.8676	0.2038	0.1107	0.3145	0.0000	1,485.3024	1,485.3024	0.1478	0.0000	1,488.9962
2023	0.5490	4.1062	4.7155	0.0159	0.7500	0.0985	0.8484	0.2038	0.0926	0.2964	0.0000	1,455.9956	1,455.9956	0.1288	0.0000	1,459.2152
2024	0.5178	3.9432	4.5170	0.0158	0.7557	0.0875	0.8432	0.2053	0.0823	0.2876	0.0000	1,444.4558	1,444.4558	0.1272	0.0000	1,447.6356
2025	0.4838	3.7387	4.3008	0.0155	0.7528	0.0757	0.8285	0.2046	0.0712	0.2757	0.0000	1,416.8460	1,416.8460	0.1240	0.0000	1,419.9469
2026	0.4673	3.6827	4.1364	0.0153	0.7528	0.0754	0.8282	0.2046	0.0709	0.2754	0.0000	1,396.5861	1,396.5861	0.1221	0.0000	1,399.6383
2027	0.4512	3.6319	3.9832	0.0151	0.7528	0.0751	0.8279	0.2046	0.0706	0.2751	0.0000	1,378.2278	1,378.2278	0.1200	0.0000	1,381.2277
2028	0.4326	3.5758	3.8384	0.0148	0.7500	0.0744	0.8244	0.2038	0.0700	0.2737	0.0000	1,356.8613	1,356.8613	0.1178	0.0000	1,359.8053
2029	0.4160	3.5509	3.7254	0.0147	0.7528	0.0744	0.8272	0.2046	0.0699	0.2745	0.0000	1,347.6625	1,347.6625	0.1165	0.0000	1,350.5750
2030	0.3899	2.9245	3.6184	0.0151	0.7528	0.0245	0.7774	0.2046	0.0242	0.2288	0.0000	1,375.3813	1,375.3813	0.0575	0.0000	1,376.8182
2031	0.3697	2.8927	3.5032	0.0150	0.7528	0.0243	0.7771	0.2046	0.0239	0.2285	0.0000	1,364.3105	1,364.3105	0.0558	0.0000	1,365.7057
2032	0.3561	2.8773	3.4275	0.0149	0.7557	0.0241	0.7798	0.2053	0.0238	0.2291	0.0000	1,360.1411	1,360.1411	0.0547	0.0000	1,361.5097
2033	0.3395	2.8320	3.3224	0.0147	0.7500	0.0237	0.7736	0.2038	0.0234	0.2272	0.0000	1,341.7401	1,341.7401	0.0533	0.0000	1,343.0724
2034	0.3279	2.8122	3.2500	0.0147	0.7500	0.0235	0.7734	0.2038	0.0232	0.2270	0.0000	1,334.8893	1,334.8893	0.0523	0.0000	1,336.1970
2035	0.3077	2.7061	3.1990	0.0147	0.7528	0.0158	0.7687	0.2046	0.0156	0.2201	0.0000	1,334.2146	1,334.2146	0.0507	0.0000	1,335.4827
2036	0.3089	2.7165	3.2113	0.0147	0.7557	0.0159	0.7716	0.2053	0.0156	0.2210	0.0000	1,339.3266	1,339.3266	0.0509	0.0000	1,340.5995

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2037	0.3077	2.7061	3.1990	0.0147	0.7528	0.0158	0.7687	0.2046	0.0156	0.2201	0.0000	1,334.2146	1,334.2146	0.0507	0.0000	1,335.4827
2038	0.3077	2.7061	3.1990	0.0147	0.7528	0.0158	0.7687	0.2046	0.0156	0.2201	0.0000	1,334.2146	1,334.2146	0.0507	0.0000	1,335.4827
2039	0.2618	2.1016	2.8682	0.0115	0.5388	0.0183	0.5570	0.1464	0.0181	0.1644	0.0000	1,039.0649	1,039.0649	0.0395	0.0000	1,040.0517
2040	0.3720	0.4701	2.0455	3.7100e-003	0.0201	0.0149	0.0350	5.3500e-003	0.0149	0.0203	0.0000	319.1273	319.1273	0.0105	0.0000	319.3888
2041	10.4736	0.1048	0.3671	1.0800e-003	0.1144	1.2700e-003	0.1157	0.0305	1.2400e-003	0.0317	0.0000	96.4744	96.4744	1.7700e-003	0.0000	96.5188
2042	2.5281	0.0253	0.0886	2.6000e-004	0.0276	3.1000e-004	0.0279	7.3500e-003	3.0000e-004	7.6500e-003	0.0000	23.2869	23.2869	4.3000e-004	0.0000	23.2976
Maximum	**10.4736**	**6.4805**	**5.0607**	**0.0162**	**0.7557**	**0.2853**	**0.8676**	**0.2053**	**0.2625**	**0.4022**	**0.0000**	**1,485.3024**	**1,485.3024**	**0.2224**	**0.0000**	**1,488.9962**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**18.44**	**0.00**	**16.92**	**25.31**	**0.00**	**19.86**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**6-1-2019**	**8-31-2019**	1.6475	1.6475
2	**9-1-2019**	**11-30-2019**	1.6299	1.6299
3	**12-1-2019**	**2-29-2020**	1.6205	1.6205
4	**3-1-2020**	**5-31-2020**	1.8033	1.8033
5	**6-1-2020**	**8-31-2020**	1.8031	1.8031
6	**9-1-2020**	**11-30-2020**	1.7838	1.7838
7	**12-1-2020**	**2-28-2021**	1.6783	1.6783
8	**3-1-2021**	**5-31-2021**	1.6693	1.6693
9	**6-1-2021**	**8-31-2021**	1.6692	1.6692
10	**9-1-2021**	**11-30-2021**	1.6314	1.6314

11	**12-1-2021**	**2-28-2022**	1.3915	1.3915
12	**3-1-2022**	**5-31-2022**	1.3654	1.3654
13	**6-1-2022**	**8-31-2022**	1.3582	1.3582
14	**9-1-2022**	**11-30-2022**	1.3576	1.3576
15	**12-1-2022**	**2-28-2023**	1.2275	1.2275
16	**3-1-2023**	**5-31-2023**	1.1790	1.1790
17	**6-1-2023**	**8-31-2023**	1.1739	1.1739
18	**9-1-2023**	**11-30-2023**	1.1713	1.1713
19	**12-1-2023**	**2-29-2024**	1.1379	1.1379
20	**3-1-2024**	**5-31-2024**	1.1211	1.1211
21	**6-1-2024**	**8-31-2024**	1.1164	1.1164
22	**9-1-2024**	**11-30-2024**	1.1135	1.1135
23	**12-1-2024**	**2-28-2025**	1.0694	1.0694
24	**3-1-2025**	**5-31-2025**	1.0651	1.0651
25	**6-1-2025**	**8-31-2025**	1.0608	1.0608
26	**9-1-2025**	**11-30-2025**	1.0578	1.0578
27	**12-1-2025**	**2-28-2026**	1.0380	1.0380
28	**3-1-2026**	**5-31-2026**	1.0467	1.0467
29	**6-1-2026**	**8-31-2026**	1.0427	1.0427
30	**9-1-2026**	**11-30-2026**	1.0392	1.0392
31	**12-1-2026**	**2-28-2027**	1.0203	1.0203
32	**3-1-2027**	**5-31-2027**	1.0296	1.0296
33	**6-1-2027**	**8-31-2027**	1.0259	1.0259
34	**9-1-2027**	**11-30-2027**	1.0220	1.0220
35	**12-1-2027**	**2-29-2028**	1.0154	1.0154
36	**3-1-2028**	**5-31-2028**	1.0144	1.0144
37	**6-1-2028**	**8-31-2028**	1.0110	1.0110

38	**9-1-2028**	**11-30-2028**	1.0068	1.0068
39	**12-1-2028**	**2-28-2029**	0.9893	0.9893
40	**3-1-2029**	**5-31-2029**	0.9998	0.9998
41	**6-1-2029**	**8-31-2029**	0.9966	0.9966
42	**9-1-2029**	**11-30-2029**	0.9920	0.9920
43	**12-1-2029**	**2-28-2030**	0.8783	0.8783
44	**3-1-2030**	**5-31-2030**	0.8352	0.8352
45	**6-1-2030**	**8-31-2030**	0.8323	0.8323
46	**9-1-2030**	**11-30-2030**	0.8290	0.8290
47	**12-1-2030**	**2-28-2031**	0.8138	0.8138
48	**3-1-2031**	**5-31-2031**	0.8217	0.8217
49	**6-1-2031**	**8-31-2031**	0.8190	0.8190
50	**9-1-2031**	**11-30-2031**	0.8154	0.8154
51	**12-1-2031**	**2-29-2032**	0.8109	0.8109
52	**3-1-2032**	**5-31-2032**	0.8110	0.8110
53	**6-1-2032**	**8-31-2032**	0.8084	0.8084
54	**9-1-2032**	**11-30-2032**	0.8047	0.8047
55	**12-1-2032**	**2-28-2033**	0.7919	0.7919
56	**3-1-2033**	**5-31-2033**	0.8013	0.8013
57	**6-1-2033**	**8-31-2033**	0.7989	0.7989
58	**9-1-2033**	**11-30-2033**	0.7949	0.7949
59	**12-1-2033**	**2-28-2034**	0.7831	0.7831
60	**3-1-2034**	**5-31-2034**	0.7930	0.7930
61	**6-1-2034**	**8-31-2034**	0.7907	0.7907
62	**9-1-2034**	**11-30-2034**	0.7867	0.7867
63	**12-1-2034**	**2-28-2035**	0.7577	0.7577
64	**3-1-2035**	**5-31-2035**	0.7580	0.7580

65	**6-1-2035**	**8-31-2035**	0.7557	0.7557
66	**9-1-2035**	**11-30-2035**	0.7519	0.7519
67	**12-1-2035**	**2-29-2036**	0.7541	0.7541
68	**3-1-2036**	**5-31-2036**	0.7580	0.7580
69	**6-1-2036**	**8-31-2036**	0.7557	0.7557
70	**9-1-2036**	**11-30-2036**	0.7519	0.7519
71	**12-1-2036**	**2-28-2037**	0.7459	0.7459
72	**3-1-2037**	**5-31-2037**	0.7580	0.7580
73	**6-1-2037**	**8-31-2037**	0.7557	0.7557
74	**9-1-2037**	**11-30-2037**	0.7519	0.7519
75	**12-1-2037**	**2-28-2038**	0.7459	0.7459
76	**3-1-2038**	**5-31-2038**	0.7580	0.7580
77	**6-1-2038**	**8-31-2038**	0.7557	0.7557
78	**9-1-2038**	**11-30-2038**	0.7519	0.7519
79	**12-1-2038**	**2-28-2039**	0.7459	0.7459
80	**3-1-2039**	**5-31-2039**	0.7580	0.7580
81	**6-1-2039**	**8-31-2039**	0.7557	0.7557
82	**9-1-2039**	**11-30-2039**	0.2938	0.2938
83	**12-1-2039**	**2-29-2040**	0.1678	0.1678
84	**3-1-2040**	**5-31-2040**	0.1544	0.1544
85	**6-1-2040**	**8-31-2040**	0.1544	0.1544
86	**9-1-2040**	**11-30-2040**	0.1528	0.1528
87	**12-1-2040**	**2-28-2041**	2.0333	2.0333
88	**3-1-2041**	**5-31-2041**	2.6638	2.6638
89	**6-1-2041**	**8-31-2041**	2.6637	2.6637
90	**9-1-2041**	**11-30-2041**	2.6350	2.6350
91	**12-1-2041**	**2-28-2042**	2.6061	2.6061

92	**3-1-2042**	**5-31-2042**	0.8108	0.8108
		Highest	2.6638	2.6638

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	6.5529	0.2380	5.2740	1.4100e-003		0.0433	0.0433		0.0433	0.0433	0.0000	214.7473	214.7473	0.0121	3.7800e-003	216.1760
Energy	0.1122	0.9738	0.5209	6.1200e-003		0.0775	0.0775		0.0775	0.0775	0.0000	2,296.9884	2,296.9884	0.1400	0.0449	2,313.8707
Mobile	2.7611	8.5849	26.8150	0.1037	12.9294	0.0836	13.0130	3.4696	0.0783	3.5478	0.0000	9,478.0646	9,478.0646	0.2590	0.0000	9,484.5401
Waste						0.0000	0.0000		0.0000	0.0000	562.0822	0.0000	562.0822	35.8700	0.0000	1,458.8328
Water						0.0000	0.0000		0.0000	0.0000	28.3114	84.0656	112.3770	2.9163	0.0704	206.2628
Total	**9.4261**	**9.7967**	**32.6099**	**0.1112**	**12.9294**	**0.2044**	**13.1338**	**3.4696**	**0.1991**	**3.6686**	**590.3937**	**12,073.8660**	**12,664.2596**	**39.1974**	**0.1191**	**13,679.6823**

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	6.5529	0.2380	5.2740	1.4100e-003		0.0433	0.0433		0.0433	0.0433	0.0000	214.7473	214.7473	0.0121	3.7800e-003	216.1760
Energy	0.1122	0.9738	0.5209	6.1200e-003		0.0775	0.0775		0.0775	0.0775	0.0000	2,283.2721	2,283.2721	0.1386	0.0446	2,300.0355
Mobile	2.7611	8.5849	26.8150	0.1037	12.9294	0.0836	13.0130	3.4696	0.0783	3.5478	0.0000	9,478.0646	9,478.0646	0.2590	0.0000	9,484.5401
Waste						0.0000	0.0000		0.0000	0.0000	562.0822	0.0000	562.0822	35.8700	0.0000	1,458.8328
Water						0.0000	0.0000		0.0000	0.0000	28.3114	84.0656	112.3770	2.9163	0.0704	206.2628
Total	**9.4261**	**9.7967**	**32.6099**	**0.1112**	**12.9294**	**0.2044**	**13.1338**	**3.4696**	**0.1991**	**3.6686**	**590.3937**	**12,060.1496**	**12,650.5433**	**39.1960**	**0.1188**	**13,665.8471**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.11**	**0.11**	**0.00**	**0.24**	**0.10**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	6/1/2019	2/7/2020	5	180	
2	Grading	Grading	2/8/2020	11/19/2021	5	465	
3	Building Construction	Building Construction	11/20/2021	9/16/2039	5	4650	
4	Paving	Paving	9/17/2039	12/21/2040	5	330	
5	Architectural Coating	Architectural Coating	12/22/2040	3/28/2042	5	330	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1162.5

Acres of Paving: 0

Residential Indoor: 2,181,330; Residential Outdoor: 727,110; Non-Residential Indoor: 667,500; Non-Residential Outdoor: 222,500; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	479.00	148.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	96.00	0.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3730	0.0000	1.3730	0.7547	0.0000	0.7547	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3295	3.4635	1.6768	2.8900e-003		0.1817	0.1817		0.1671	0.1671	0.0000	259.6820	259.6820	0.0822	0.0000	261.7360
Total	**0.3295**	**3.4635**	**1.6768**	**2.8900e-003**	**1.3730**	**0.1817**	**1.5547**	**0.7547**	**0.1671**	**0.9219**	**0.0000**	**259.6820**	**259.6820**	**0.0822**	**0.0000**	**261.7360**

3.2 Site Preparation - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.8800e-003	8.2000e-003	0.0764	1.3000e-004	0.0125	1.1000e-004	0.0126	3.3200e-003	1.0000e-004	3.4300e-003	0.0000	11.7949	11.7949	6.5000e-004	0.0000	11.8112
Total	**8.8800e-003**	**8.2000e-003**	**0.0764**	**1.3000e-004**	**0.0125**	**1.1000e-004**	**0.0126**	**3.3200e-003**	**1.0000e-004**	**3.4300e-003**	**0.0000**	**11.7949**	**11.7949**	**6.5000e-004**	**0.0000**	**11.8112**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.3089	0.0000	0.3089	0.1698	0.0000	0.1698	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3295	3.4635	1.6768	2.8900e-003		0.1817	0.1817		0.1671	0.1671	0.0000	259.6817	259.6817	0.0822	0.0000	261.7357
Total	**0.3295**	**3.4635**	**1.6768**	**2.8900e-003**	**0.3089**	**0.1817**	**0.4906**	**0.1698**	**0.1671**	**0.3369**	**0.0000**	**259.6817**	**259.6817**	**0.0822**	**0.0000**	**261.7357**

3.2 Site Preparation - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.8800e-003	8.2000e-003	0.0764	1.3000e-004	0.0125	1.1000e-004	0.0126	3.3200e-003	1.0000e-004	3.4300e-003	0.0000	11.7949	11.7949	6.5000e-004	0.0000	11.8112
Total	**8.8800e-003**	**8.2000e-003**	**0.0764**	**1.3000e-004**	**0.0125**	**1.1000e-004**	**0.0126**	**3.3200e-003**	**1.0000e-004**	**3.4300e-003**	**0.0000**	**11.7949**	**11.7949**	**6.5000e-004**	**0.0000**	**11.8112**

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2529	0.0000	0.2529	0.1390	0.0000	0.1390	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0571	0.5938	0.3012	5.3000e-004		0.0308	0.0308		0.0283	0.0283	0.0000	46.8030	46.8030	0.0151	0.0000	47.1814
Total	**0.0571**	**0.5938**	**0.3012**	**5.3000e-004**	**0.2529**	**0.0308**	**0.2837**	**0.1390**	**0.0283**	**0.1673**	**0.0000**	**46.8030**	**46.8030**	**0.0151**	**0.0000**	**47.1814**

3.2 Site Preparation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4600e-003	1.3200e-003	0.0122	2.0000e-005	2.3000e-003	2.0000e-005	2.3200e-003	6.1000e-004	2.0000e-005	6.3000e-004	0.0000	2.1078	2.1078	1.0000e-004	0.0000	2.1104
Total	**1.4600e-003**	**1.3200e-003**	**0.0122**	**2.0000e-005**	**2.3000e-003**	**2.0000e-005**	**2.3200e-003**	**6.1000e-004**	**2.0000e-005**	**6.3000e-004**	**0.0000**	**2.1078**	**2.1078**	**1.0000e-004**	**0.0000**	**2.1104**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0569	0.0000	0.0569	0.0313	0.0000	0.0313	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0571	0.5938	0.3012	5.3000e-004		0.0308	0.0308		0.0283	0.0283	0.0000	46.8029	46.8029	0.0151	0.0000	47.1813
Total	**0.0571**	**0.5938**	**0.3012**	**5.3000e-004**	**0.0569**	**0.0308**	**0.0877**	**0.0313**	**0.0283**	**0.0596**	**0.0000**	**46.8029**	**46.8029**	**0.0151**	**0.0000**	**47.1813**

3.2 Site Preparation - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4600e-003	1.3200e-003	0.0122	2.0000e-005	2.3000e-003	2.0000e-005	2.3200e-003	6.1000e-004	2.0000e-005	6.3000e-004	0.0000	2.1078	2.1078	1.0000e-004	0.0000	2.1104
Total	**1.4600e-003**	**1.3200e-003**	**0.0122**	**2.0000e-005**	**2.3000e-003**	**2.0000e-005**	**2.3200e-003**	**6.1000e-004**	**2.0000e-005**	**6.3000e-004**	**0.0000**	**2.1078**	**2.1078**	**1.0000e-004**	**0.0000**	**2.1104**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3210	0.0000	1.3210	0.4539	0.0000	0.4539	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5207	5.8731	3.7391	7.2500e-003		0.2544	0.2544		0.2340	0.2340	0.0000	637.4662	637.4662	0.2062	0.0000	642.6205
Total	**0.5207**	**5.8731**	**3.7391**	**7.2500e-003**	**1.3210**	**0.2544**	**1.5754**	**0.4539**	**0.2340**	**0.6879**	**0.0000**	**637.4662**	**637.4662**	**0.2062**	**0.0000**	**642.6205**

3.3 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0136	0.0123	0.1135	2.2000e-004	0.0214	1.8000e-004	0.0216	5.6900e-003	1.6000e-004	5.8500e-003	0.0000	19.5728	19.5728	9.4000e-004	0.0000	19.5963
Total	**0.0136**	**0.0123**	**0.1135**	**2.2000e-004**	**0.0214**	**1.8000e-004**	**0.0216**	**5.6900e-003**	**1.6000e-004**	**5.8500e-003**	**0.0000**	**19.5728**	**19.5728**	**9.4000e-004**	**0.0000**	**19.5963**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2972	0.0000	0.2972	0.1021	0.0000	0.1021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5207	5.8731	3.7391	7.2500e-003		0.2544	0.2544		0.2340	0.2340	0.0000	637.4655	637.4655	0.2062	0.0000	642.6197
Total	**0.5207**	**5.8731**	**3.7391**	**7.2500e-003**	**0.2972**	**0.2544**	**0.5516**	**0.1021**	**0.2340**	**0.3361**	**0.0000**	**637.4655**	**637.4655**	**0.2062**	**0.0000**	**642.6197**

3.3 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0136	0.0123	0.1135	2.2000e-004	0.0214	1.8000e-004	0.0216	5.6900e-003	1.6000e-004	5.8500e-003	0.0000	19.5728	19.5728	9.4000e-004	0.0000	19.5963
Total	**0.0136**	**0.0123**	**0.1135**	**2.2000e-004**	**0.0214**	**1.8000e-004**	**0.0216**	**5.6900e-003**	**1.6000e-004**	**5.8500e-003**	**0.0000**	**19.5728**	**19.5728**	**9.4000e-004**	**0.0000**	**19.5963**

3.3 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3120	0.0000	1.3120	0.4489	0.0000	0.4489	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4841	5.3592	3.5665	7.1600e-003		0.2293	0.2293		0.2110	0.2110	0.0000	629.4170	629.4170	0.2036	0.0000	634.5062
Total	**0.4841**	**5.3592**	**3.5665**	**7.1600e-003**	**1.3120**	**0.2293**	**1.5413**	**0.4489**	**0.2110**	**0.6599**	**0.0000**	**629.4170**	**629.4170**	**0.2036**	**0.0000**	**634.5062**

3.3 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0124	0.0108	0.1012	2.1000e-004	0.0211	1.7000e-004	0.0213	5.6100e-003	1.5000e-004	5.7700e-003	0.0000	18.7167	18.7167	8.3000e-004	0.0000	18.7374
Total	**0.0124**	**0.0108**	**0.1012**	**2.1000e-004**	**0.0211**	**1.7000e-004**	**0.0213**	**5.6100e-003**	**1.5000e-004**	**5.7700e-003**	**0.0000**	**18.7167**	**18.7167**	**8.3000e-004**	**0.0000**	**18.7374**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2952	0.0000	0.2952	0.1010	0.0000	0.1010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4841	5.3592	3.5665	7.1600e-003		0.2293	0.2293		0.2110	0.2110	0.0000	629.4163	629.4163	0.2036	0.0000	634.5054
Total	**0.4841**	**5.3592**	**3.5665**	**7.1600e-003**	**0.2952**	**0.2293**	**0.5245**	**0.1010**	**0.2110**	**0.3120**	**0.0000**	**629.4163**	**629.4163**	**0.2036**	**0.0000**	**634.5054**

3.3 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0124	0.0108	0.1012	2.1000e-004	0.0211	1.7000e-004	0.0213	5.6100e-003	1.5000e-004	5.7700e-003	0.0000	18.7167	18.7167	8.3000e-004	0.0000	18.7374
Total	**0.0124**	**0.0108**	**0.1012**	**2.1000e-004**	**0.0211**	**1.7000e-004**	**0.0213**	**5.6100e-003**	**1.5000e-004**	**5.7700e-003**	**0.0000**	**18.7167**	**18.7167**	**8.3000e-004**	**0.0000**	**18.7374**

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0285	0.2615	0.2486	4.0000e-004		0.0144	0.0144		0.0135	0.0135	0.0000	34.7456	34.7456	8.3800e-003	0.0000	34.9552
Total	**0.0285**	**0.2615**	**0.2486**	**4.0000e-004**		**0.0144**	**0.0144**		**0.0135**	**0.0135**	**0.0000**	**34.7456**	**34.7456**	**8.3800e-003**	**0.0000**	**34.9552**

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.6300e-003	0.3073	0.0582	8.5000e-004	0.0209	1.0800e-003	0.0220	6.0500e-003	1.0300e-003	7.0800e-003	0.0000	81.0926	81.0926	6.6500e-003	0.0000	81.2588
Worker	0.0385	0.0336	0.3149	6.5000e-004	0.0656	5.2000e-004	0.0661	0.0175	4.8000e-004	0.0179	0.0000	58.2163	58.2163	2.5700e-003	0.0000	58.2807
Total	**0.0482**	**0.3409**	**0.3731**	**1.5000e-003**	**0.0865**	**1.6000e-003**	**0.0881**	**0.0235**	**1.5100e-003**	**0.0250**	**0.0000**	**139.3089**	**139.3089**	**9.2200e-003**	**0.0000**	**139.5394**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0285	0.2615	0.2486	4.0000e-004		0.0144	0.0144		0.0135	0.0135	0.0000	34.7456	34.7456	8.3800e-003	0.0000	34.9551
Total	**0.0285**	**0.2615**	**0.2486**	**4.0000e-004**		**0.0144**	**0.0144**		**0.0135**	**0.0135**	**0.0000**	**34.7456**	**34.7456**	**8.3800e-003**	**0.0000**	**34.9551**

3.4 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.6300e-003	0.3073	0.0582	8.5000e-004	0.0209	1.0800e-003	0.0220	6.0500e-003	1.0300e-003	7.0800e-003	0.0000	81.0926	81.0926	6.6500e-003	0.0000	81.2588
Worker	0.0385	0.0336	0.3149	6.5000e-004	0.0656	5.2000e-004	0.0661	0.0175	4.8000e-004	0.0179	0.0000	58.2163	58.2163	2.5700e-003	0.0000	58.2807
Total	**0.0482**	**0.3409**	**0.3731**	**1.5000e-003**	**0.0865**	**1.6000e-003**	**0.0881**	**0.0235**	**1.5100e-003**	**0.0250**	**0.0000**	**139.3089**	**139.3089**	**9.2200e-003**	**0.0000**	**139.5394**

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471
Total	**0.2218**	**2.0300**	**2.1272**	**3.5000e-003**		**0.1052**	**0.1052**		**0.0990**	**0.0990**	**0.0000**	**301.2428**	**301.2428**	**0.0722**	**0.0000**	**303.0471**

3.4 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0772	2.5006	0.4610	7.3400e-003	0.1812	8.1100e-003	0.1893	0.0524	7.7500e-003	0.0602	0.0000	697.0415	697.0415	0.0557	0.0000	698.4342
Worker	0.3103	0.2607	2.4724	5.4000e-003	0.5688	4.3300e-003	0.5731	0.1513	3.9900e-003	0.1553	0.0000	487.0184	487.0184	0.0199	0.0000	487.5154
Total	**0.3875**	**2.7613**	**2.9335**	**0.0127**	**0.7500**	**0.0124**	**0.7624**	**0.2038**	**0.0117**	**0.2155**	**0.0000**	**1,184.0599**	**1,184.0599**	**0.0756**	**0.0000**	**1,185.9496**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467
Total	**0.2218**	**2.0300**	**2.1272**	**3.5000e-003**		**0.1052**	**0.1052**		**0.0990**	**0.0990**	**0.0000**	**301.2425**	**301.2425**	**0.0722**	**0.0000**	**303.0467**

3.4 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0772	2.5006	0.4610	7.3400e-003	0.1812	8.1100e-003	0.1893	0.0524	7.7500e-003	0.0602	0.0000	697.0415	697.0415	0.0557	0.0000	698.4342
Worker	0.3103	0.2607	2.4724	5.4000e-003	0.5688	4.3300e-003	0.5731	0.1513	3.9900e-003	0.1553	0.0000	487.0184	487.0184	0.0199	0.0000	487.5154
Total	**0.3875**	**2.7613**	**2.9335**	**0.0127**	**0.7500**	**0.0124**	**0.7624**	**0.2038**	**0.0117**	**0.2155**	**0.0000**	**1,184.0599**	**1,184.0599**	**0.0756**	**0.0000**	**1,185.9496**

3.4 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	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3462	301.3462	0.0717	0.0000	303.1383
Total	**0.2045**	**1.8700**	**2.1117**	**3.5000e-003**		**0.0910**	**0.0910**		**0.0856**	**0.0856**	**0.0000**	**301.3462**	**301.3462**	**0.0717**	**0.0000**	**303.1383**

3.4 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0567	2.0035	0.3853	7.2200e-003	0.1812	3.3300e-003	0.1845	0.0524	3.1900e-003	0.0556	0.0000	685.5093	685.5093	0.0396	0.0000	686.4987
Worker	0.2878	0.2326	2.2185	5.2000e-003	0.5688	4.1500e-003	0.5729	0.1513	3.8200e-003	0.1552	0.0000	469.1404	469.1404	0.0175	0.0000	469.5786
Total	**0.3446**	**2.2362**	**2.6038**	**0.0124**	**0.7500**	**7.4800e-003**	**0.7574**	**0.2038**	**7.0100e-003**	**0.2108**	**0.0000**	**1,154.6498**	**1,154.6498**	**0.0571**	**0.0000**	**1,156.0773**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3458	301.3458	0.0717	0.0000	303.1380
Total	**0.2045**	**1.8700**	**2.1117**	**3.5000e-003**		**0.0910**	**0.0910**		**0.0856**	**0.0856**	**0.0000**	**301.3458**	**301.3458**	**0.0717**	**0.0000**	**303.1380**

3.4 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0567	2.0035	0.3853	7.2200e-003	0.1812	3.3300e-003	0.1845	0.0524	3.1900e-003	0.0556	0.0000	685.5093	685.5093	0.0396	0.0000	686.4987
Worker	0.2878	0.2326	2.2185	5.2000e-003	0.5688	4.1500e-003	0.5729	0.1513	3.8200e-003	0.1552	0.0000	469.1404	469.1404	0.0175	0.0000	469.5786
Total	**0.3446**	**2.2362**	**2.6038**	**0.0124**	**0.7500**	**7.4800e-003**	**0.7574**	**0.2038**	**7.0100e-003**	**0.2108**	**0.0000**	**1,154.6498**	**1,154.6498**	**0.0571**	**0.0000**	**1,156.0773**

3.4 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**

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0547	1.9719	0.3634	7.2300e-003	0.1826	3.1500e-003	0.1858	0.0528	3.0100e-003	0.0559	0.0000	686.0526	686.0526	0.0397	0.0000	687.0450
Worker	0.2703	0.2101	2.0357	5.0400e-003	0.5731	4.0100e-003	0.5771	0.1525	3.7000e-003	0.1562	0.0000	454.6812	454.6812	0.0157	0.0000	455.0731
Total	**0.3251**	**2.1820**	**2.3991**	**0.0123**	**0.7557**	**7.1600e-003**	**0.7629**	**0.2053**	**6.7100e-003**	**0.2121**	**0.0000**	**1,140.7338**	**1,140.7338**	**0.0554**	**0.0000**	**1,142.1181**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	303.7220	303.7220	0.0718	0.0000	305.5175
Total	**0.1928**	**1.7611**	**2.1179**	**3.5300e-003**		**0.0803**	**0.0803**		**0.0756**	**0.0756**	**0.0000**	**303.7220**	**303.7220**	**0.0718**	**0.0000**	**305.5175**

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0547	1.9719	0.3634	7.2300e-003	0.1826	3.1500e-003	0.1858	0.0528	3.0100e-003	0.0559	0.0000	686.0526	686.0526	0.0397	0.0000	687.0450
Worker	0.2703	0.2101	2.0357	5.0400e-003	0.5731	4.0100e-003	0.5771	0.1525	3.7000e-003	0.1562	0.0000	454.6812	454.6812	0.0157	0.0000	455.0731
Total	**0.3251**	**2.1820**	**2.3991**	**0.0123**	**0.7557**	**7.1600e-003**	**0.7629**	**0.2053**	**6.7100e-003**	**0.2121**	**0.0000**	**1,140.7338**	**1,140.7338**	**0.0554**	**0.0000**	**1,142.1181**

3.4 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**

3.4 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0526	1.9226	0.3435	7.1500e-003	0.1819	2.9700e-003	0.1849	0.0526	2.8400e-003	0.0555	0.0000	679.1039	679.1039	0.0389	0.0000	680.0763
Worker	0.2528	0.1888	1.8583	4.8200e-003	0.5709	3.8800e-003	0.5748	0.1519	3.5800e-003	0.1555	0.0000	435.0876	435.0876	0.0140	0.0000	435.4375
Total	**0.3054**	**2.1114**	**2.2018**	**0.0120**	**0.7528**	**6.8500e-003**	**0.7597**	**0.2046**	**6.4200e-003**	**0.2110**	**0.0000**	**1,114.1915**	**1,114.1915**	**0.0529**	**0.0000**	**1,115.5138**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	**0.1784**	**1.6273**	**2.0991**	**3.5200e-003**		**0.0689**	**0.0689**		**0.0648**	**0.0648**	**0.0000**	**302.6545**	**302.6545**	**0.0711**	**0.0000**	**304.4331**

3.4 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0526	1.9226	0.3435	7.1500e-003	0.1819	2.9700e-003	0.1849	0.0526	2.8400e-003	0.0555	0.0000	679.1039	679.1039	0.0389	0.0000	680.0763
Worker	0.2528	0.1888	1.8583	4.8200e-003	0.5709	3.8800e-003	0.5748	0.1519	3.5800e-003	0.1555	0.0000	435.0876	435.0876	0.0140	0.0000	435.4375
Total	**0.3054**	**2.1114**	**2.2018**	**0.0120**	**0.7528**	**6.8500e-003**	**0.7597**	**0.2046**	**6.4200e-003**	**0.2110**	**0.0000**	**1,114.1915**	**1,114.1915**	**0.0529**	**0.0000**	**1,115.5138**

3.4 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**

3.4 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0509	1.8843	0.3273	7.1100e-003	0.1819	2.8100e-003	0.1847	0.0526	2.6800e-003	0.0553	0.0000	675.0413	675.0413	0.0384	0.0000	676.0005
Worker	0.2380	0.1711	1.7100	4.6400e-003	0.5709	3.7300e-003	0.5747	0.1519	3.4300e-003	0.1554	0.0000	418.8902	418.8902	0.0126	0.0000	419.2047
Total	**0.2889**	**2.0554**	**2.0374**	**0.0118**	**0.7528**	**6.5400e-003**	**0.7594**	**0.2046**	**6.1100e-003**	**0.2107**	**0.0000**	**1,093.9315**	**1,093.9315**	**0.0510**	**0.0000**	**1,095.2052**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	**0.1784**	**1.6273**	**2.0991**	**3.5200e-003**		**0.0689**	**0.0689**		**0.0648**	**0.0648**	**0.0000**	**302.6545**	**302.6545**	**0.0711**	**0.0000**	**304.4331**

3.4 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0509	1.8843	0.3273	7.1100e-003	0.1819	2.8100e-003	0.1847	0.0526	2.6800e-003	0.0553	0.0000	675.0413	675.0413	0.0384	0.0000	676.0005
Worker	0.2380	0.1711	1.7100	4.6400e-003	0.5709	3.7300e-003	0.5747	0.1519	3.4300e-003	0.1554	0.0000	418.8902	418.8902	0.0126	0.0000	419.2047
Total	**0.2889**	**2.0554**	**2.0374**	**0.0118**	**0.7528**	**6.5400e-003**	**0.7594**	**0.2046**	**6.1100e-003**	**0.2107**	**0.0000**	**1,093.9315**	**1,093.9315**	**0.0510**	**0.0000**	**1,095.2052**

3.4 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**

3.4 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0493	1.8499	0.3132	7.0700e-003	0.1819	2.6700e-003	0.1846	0.0526	2.5500e-003	0.0552	0.0000	671.4328	671.4328	0.0376	0.0000	672.3728
Worker	0.2234	0.1547	1.5710	4.4700e-003	0.5709	3.5300e-003	0.5745	0.1519	3.2500e-003	0.1552	0.0000	404.1405	404.1405	0.0113	0.0000	404.4217
Total	**0.2727**	**2.0046**	**1.8842**	**0.0115**	**0.7528**	**6.2000e-003**	**0.7590**	**0.2046**	**5.8000e-003**	**0.2104**	**0.0000**	**1,075.5733**	**1,075.5733**	**0.0489**	**0.0000**	**1,076.7946**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	**0.1784**	**1.6273**	**2.0991**	**3.5200e-003**		**0.0689**	**0.0689**		**0.0648**	**0.0648**	**0.0000**	**302.6545**	**302.6545**	**0.0711**	**0.0000**	**304.4331**

3.4 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0493	1.8499	0.3132	7.0700e-003	0.1819	2.6700e-003	0.1846	0.0526	2.5500e-003	0.0552	0.0000	671.4328	671.4328	0.0376	0.0000	672.3728
Worker	0.2234	0.1547	1.5710	4.4700e-003	0.5709	3.5300e-003	0.5745	0.1519	3.2500e-003	0.1552	0.0000	404.1405	404.1405	0.0113	0.0000	404.4217
Total	**0.2727**	**2.0046**	**1.8842**	**0.0115**	**0.7528**	**6.2000e-003**	**0.7590**	**0.2046**	**5.8000e-003**	**0.2104**	**0.0000**	**1,075.5733**	**1,075.5733**	**0.0489**	**0.0000**	**1,076.7946**

3.4 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**

3.4 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0480	1.8154	0.3021	7.0100e-003	0.1812	2.5500e-003	0.1838	0.0524	2.4400e-003	0.0549	0.0000	665.9979	665.9979	0.0368	0.0000	666.9177
Worker	0.2068	0.1393	1.4453	4.3100e-003	0.5688	3.2700e-003	0.5720	0.1513	3.0100e-003	0.1544	0.0000	389.3685	389.3685	0.0101	0.0000	389.6209
Total	**0.2548**	**1.9547**	**1.7474**	**0.0113**	**0.7500**	**5.8200e-003**	**0.7558**	**0.2038**	**5.4500e-003**	**0.2092**	**0.0000**	**1,055.3663**	**1,055.3663**	**0.0469**	**0.0000**	**1,056.5386**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	301.4949	301.4949	0.0709	0.0000	303.2667
Total	**0.1778**	**1.6211**	**2.0910**	**3.5000e-003**		**0.0686**	**0.0686**		**0.0645**	**0.0645**	**0.0000**	**301.4949**	**301.4949**	**0.0709**	**0.0000**	**303.2667**

3.4 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0480	1.8154	0.3021	7.0100e-003	0.1812	2.5500e-003	0.1838	0.0524	2.4400e-003	0.0549	0.0000	665.9979	665.9979	0.0368	0.0000	666.9177
Worker	0.2068	0.1393	1.4453	4.3100e-003	0.5688	3.2700e-003	0.5720	0.1513	3.0100e-003	0.1544	0.0000	389.3685	389.3685	0.0101	0.0000	389.6209
Total	**0.2548**	**1.9547**	**1.7474**	**0.0113**	**0.7500**	**5.8200e-003**	**0.7558**	**0.2038**	**5.4500e-003**	**0.2092**	**0.0000**	**1,055.3663**	**1,055.3663**	**0.0469**	**0.0000**	**1,056.5386**

3.4 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**

3.4 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0471	1.7979	0.2942	7.0100e-003	0.1819	2.4500e-003	0.1844	0.0526	2.3500e-003	0.0550	0.0000	666.0764	666.0764	0.0363	0.0000	666.9846
Worker	0.1904	0.1256	1.3321	4.1900e-003	0.5709	3.0600e-003	0.5740	0.1519	2.8100e-003	0.1547	0.0000	378.9316	378.9316	9.0300e-003	0.0000	379.1572
Total	**0.2375**	**1.9236**	**1.6263**	**0.0112**	**0.7528**	**5.5100e-003**	**0.7583**	**0.2046**	**5.1600e-003**	**0.2097**	**0.0000**	**1,045.0080**	**1,045.0080**	**0.0454**	**0.0000**	**1,046.1418**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	**0.1784**	**1.6273**	**2.0991**	**3.5200e-003**		**0.0689**	**0.0689**		**0.0648**	**0.0648**	**0.0000**	**302.6545**	**302.6545**	**0.0711**	**0.0000**	**304.4331**

3.4 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0471	1.7979	0.2942	7.0100e-003	0.1819	2.4500e-003	0.1844	0.0526	2.3500e-003	0.0550	0.0000	666.0764	666.0764	0.0363	0.0000	666.9846
Worker	0.1904	0.1256	1.3321	4.1900e-003	0.5709	3.0600e-003	0.5740	0.1519	2.8100e-003	0.1547	0.0000	378.9316	378.9316	9.0300e-003	0.0000	379.1572
Total	**0.2375**	**1.9236**	**1.6263**	**0.0112**	**0.7528**	**5.5100e-003**	**0.7583**	**0.2046**	**5.1600e-003**	**0.2097**	**0.0000**	**1,045.0080**	**1,045.0080**	**0.0454**	**0.0000**	**1,046.1418**

3.4 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**

3.4 Building Construction - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0462	1.7769	0.2868	6.9900e-003	0.1819	2.3700e-003	0.1843	0.0526	2.2600e-003	0.0549	0.0000	664.0829	664.0829	0.0357	0.0000	664.9753
Worker	0.1729	0.1121	1.2231	4.0700e-003	0.5709	2.8400e-003	0.5738	0.1519	2.6100e-003	0.1545	0.0000	368.2652	368.2652	8.0200e-003	0.0000	368.4656
Total	**0.2191**	**1.8891**	**1.5099**	**0.0111**	**0.7528**	**5.2100e-003**	**0.7580**	**0.2046**	**4.8700e-003**	**0.2094**	**0.0000**	**1,032.3481**	**1,032.3481**	**0.0437**	**0.0000**	**1,033.4409**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	343.0332	343.0332	0.0138	0.0000	343.3773
Total	**0.1708**	**1.0355**	**2.1085**	**4.0400e-003**		**0.0193**	**0.0193**		**0.0193**	**0.0193**	**0.0000**	**343.0332**	**343.0332**	**0.0138**	**0.0000**	**343.3773**

3.4 Building Construction - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0462	1.7769	0.2868	6.9900e-003	0.1819	2.3700e-003	0.1843	0.0526	2.2600e-003	0.0549	0.0000	664.0829	664.0829	0.0357	0.0000	664.9753
Worker	0.1729	0.1121	1.2231	4.0700e-003	0.5709	2.8400e-003	0.5738	0.1519	2.6100e-003	0.1545	0.0000	368.2652	368.2652	8.0200e-003	0.0000	368.4656
Total	**0.2191**	**1.8891**	**1.5099**	**0.0111**	**0.7528**	**5.2100e-003**	**0.7580**	**0.2046**	**4.8700e-003**	**0.2094**	**0.0000**	**1,032.3481**	**1,032.3481**	**0.0437**	**0.0000**	**1,033.4409**

3.4 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**

3.4 Building Construction - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0455	1.7586	0.2810	6.9800e-003	0.1819	2.2900e-003	0.1842	0.0526	2.1900e-003	0.0548	0.0000	662.5004	662.5004	0.0350	0.0000	663.3763
Worker	0.1535	0.0986	1.1137	3.9700e-003	0.5709	2.6300e-003	0.5736	0.1519	2.4200e-003	0.1543	0.0000	358.7769	358.7769	7.0100e-003	0.0000	358.9522
Total	**0.1989**	**1.8572**	**1.3947**	**0.0110**	**0.7528**	**4.9200e-003**	**0.7578**	**0.2046**	**4.6100e-003**	**0.2092**	**0.0000**	**1,021.2773**	**1,021.2773**	**0.0421**	**0.0000**	**1,022.3284**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	343.0332	343.0332	0.0138	0.0000	343.3773
Total	**0.1708**	**1.0355**	**2.1085**	**4.0400e-003**		**0.0193**	**0.0193**		**0.0193**	**0.0193**	**0.0000**	**343.0332**	**343.0332**	**0.0138**	**0.0000**	**343.3773**

3.4 Building Construction - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0455	1.7586	0.2810	6.9800e-003	0.1819	2.2900e-003	0.1842	0.0526	2.1900e-003	0.0548	0.0000	662.5004	662.5004	0.0350	0.0000	663.3763
Worker	0.1535	0.0986	1.1137	3.9700e-003	0.5709	2.6300e-003	0.5736	0.1519	2.4200e-003	0.1543	0.0000	358.7769	358.7769	7.0100e-003	0.0000	358.9522
Total	**0.1989**	**1.8572**	**1.3947**	**0.0110**	**0.7528**	**4.9200e-003**	**0.7578**	**0.2046**	**4.6100e-003**	**0.2092**	**0.0000**	**1,021.2773**	**1,021.2773**	**0.0421**	**0.0000**	**1,022.3284**

3.4 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**

3.4 Building Construction - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0450	1.7492	0.2777	6.9900e-003	0.1826	2.2300e-003	0.1848	0.0528	2.1300e-003	0.0550	0.0000	663.9348	663.9348	0.0347	0.0000	664.8014
Worker	0.1395	0.0887	1.0332	3.8900e-003	0.5731	2.4600e-003	0.5756	0.1525	2.2600e-003	0.1548	0.0000	351.8588	351.8588	6.2700e-003	0.0000	352.0154
Total	**0.1846**	**1.8379**	**1.3109**	**0.0109**	**0.7557**	**4.6900e-003**	**0.7604**	**0.2053**	**4.3900e-003**	**0.2097**	**0.0000**	**1,015.7936**	**1,015.7936**	**0.0409**	**0.0000**	**1,016.8168**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3475	344.3475	0.0138	0.0000	344.6929
Total	**0.1715**	**1.0394**	**2.1166**	**4.0600e-003**		**0.0194**	**0.0194**		**0.0194**	**0.0194**	**0.0000**	**344.3475**	**344.3475**	**0.0138**	**0.0000**	**344.6929**

3.4 Building Construction - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0450	1.7492	0.2777	6.9900e-003	0.1826	2.2300e-003	0.1848	0.0528	2.1300e-003	0.0550	0.0000	663.9348	663.9348	0.0347	0.0000	664.8014
Worker	0.1395	0.0887	1.0332	3.8900e-003	0.5731	2.4600e-003	0.5756	0.1525	2.2600e-003	0.1548	0.0000	351.8588	351.8588	6.2700e-003	0.0000	352.0154
Total	**0.1846**	**1.8379**	**1.3109**	**0.0109**	**0.7557**	**4.6900e-003**	**0.7604**	**0.2053**	**4.3900e-003**	**0.2097**	**0.0000**	**1,015.7936**	**1,015.7936**	**0.0409**	**0.0000**	**1,016.8168**

3.4 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**

3.4 Building Construction - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0442	1.7217	0.2719	6.9300e-003	0.1812	2.1500e-003	0.1834	0.0524	2.0500e-003	0.0545	0.0000	658.0534	658.0534	0.0340	0.0000	658.9045
Worker	0.1251	0.0789	0.9501	3.7800e-003	0.5688	2.2700e-003	0.5710	0.1513	2.0800e-003	0.1534	0.0000	341.9678	341.9678	5.5400e-003	0.0000	342.1062
Total	**0.1693**	**1.8005**	**1.2220**	**0.0107**	**0.7500**	**4.4200e-003**	**0.7544**	**0.2038**	**4.1300e-003**	**0.2079**	**0.0000**	**1,000.0212**	**1,000.0212**	**0.0396**	**0.0000**	**1,001.0107**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	341.7189	341.7189	0.0137	0.0000	342.0617
Total	**0.1702**	**1.0315**	**2.1004**	**4.0200e-003**		**0.0193**	**0.0193**		**0.0193**	**0.0193**	**0.0000**	**341.7189**	**341.7189**	**0.0137**	**0.0000**	**342.0617**

3.4 Building Construction - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0442	1.7217	0.2719	6.9300e-003	0.1812	2.1500e-003	0.1834	0.0524	2.0500e-003	0.0545	0.0000	658.0534	658.0534	0.0340	0.0000	658.9045
Worker	0.1251	0.0789	0.9501	3.7800e-003	0.5688	2.2700e-003	0.5710	0.1513	2.0800e-003	0.1534	0.0000	341.9678	341.9678	5.5400e-003	0.0000	342.1062
Total	**0.1693**	**1.8005**	**1.2220**	**0.0107**	**0.7500**	**4.4200e-003**	**0.7544**	**0.2038**	**4.1300e-003**	**0.2079**	**0.0000**	**1,000.0212**	**1,000.0212**	**0.0396**	**0.0000**	**1,001.0107**

3.4 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**

3.4 Building Construction - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0438	1.7093	0.2689	6.9200e-003	0.1812	2.0900e-003	0.1833	0.0524	2.0000e-003	0.0544	0.0000	657.4767	657.4767	0.0337	0.0000	658.3188
Worker	0.1139	0.0714	0.8807	3.7100e-003	0.5688	2.1100e-003	0.5709	0.1513	1.9400e-003	0.1533	0.0000	335.6937	335.6937	4.9100e-003	0.0000	335.8165
Total	**0.1577**	**1.7807**	**1.1496**	**0.0106**	**0.7500**	**4.2000e-003**	**0.7541**	**0.2038**	**3.9400e-003**	**0.2077**	**0.0000**	**993.1704**	**993.1704**	**0.0386**	**0.0000**	**994.1353**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	341.7189	341.7189	0.0137	0.0000	342.0617
Total	**0.1702**	**1.0315**	**2.1004**	**4.0200e-003**		**0.0193**	**0.0193**		**0.0193**	**0.0193**	**0.0000**	**341.7189**	**341.7189**	**0.0137**	**0.0000**	**342.0617**

3.4 Building Construction - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0438	1.7093	0.2689	6.9200e-003	0.1812	2.0900e-003	0.1833	0.0524	2.0000e-003	0.0544	0.0000	657.4767	657.4767	0.0337	0.0000	658.3188
Worker	0.1139	0.0714	0.8807	3.7100e-003	0.5688	2.1100e-003	0.5709	0.1513	1.9400e-003	0.1533	0.0000	335.6937	335.6937	4.9100e-003	0.0000	335.8165
Total	**0.1577**	**1.7807**	**1.1496**	**0.0106**	**0.7500**	**4.2000e-003**	**0.7541**	**0.2038**	**3.9400e-003**	**0.2077**	**0.0000**	**993.1704**	**993.1704**	**0.0386**	**0.0000**	**994.1353**

3.4 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	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	**0.1588**	**0.9346**	**2.1034**	**4.0400e-003**		**0.0118**	**0.0118**		**0.0118**	**0.0118**	**0.0000**	**343.0336**	**343.0336**	**0.0128**	**0.0000**	**343.3530**

3.4 Building Construction - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0436	1.7054	0.2673	6.9500e-003	0.1819	2.0500e-003	0.1840	0.0526	1.9600e-003	0.0546	0.0000	659.5654	659.5654	0.0335	0.0000	660.4033
Worker	0.1054	0.0662	0.8284	3.6600e-003	0.5709	1.9700e-003	0.5729	0.1519	1.8100e-003	0.1537	0.0000	331.6160	331.6160	4.4300e-003	0.0000	331.7268
Total	**0.1489**	**1.7716**	**1.0956**	**0.0106**	**0.7528**	**4.0200e-003**	**0.7569**	**0.2046**	**3.7700e-003**	**0.2083**	**0.0000**	**991.1814**	**991.1814**	**0.0379**	**0.0000**	**992.1301**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	**0.1588**	**0.9346**	**2.1034**	**4.0400e-003**		**0.0118**	**0.0118**		**0.0118**	**0.0118**	**0.0000**	**343.0332**	**343.0332**	**0.0128**	**0.0000**	**343.3526**

3.4 Building Construction - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0436	1.7054	0.2673	6.9500e-003	0.1819	2.0500e-003	0.1840	0.0526	1.9600e-003	0.0546	0.0000	659.5654	659.5654	0.0335	0.0000	660.4033
Worker	0.1054	0.0662	0.8284	3.6600e-003	0.5709	1.9700e-003	0.5729	0.1519	1.8100e-003	0.1537	0.0000	331.6160	331.6160	4.4300e-003	0.0000	331.7268
Total	**0.1489**	**1.7716**	**1.0956**	**0.0106**	**0.7528**	**4.0200e-003**	**0.7569**	**0.2046**	**3.7700e-003**	**0.2083**	**0.0000**	**991.1814**	**991.1814**	**0.0379**	**0.0000**	**992.1301**

3.4 Building Construction - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3479	344.3479	0.0128	0.0000	344.6686
Total	**0.1594**	**0.9381**	**2.1114**	**4.0600e-003**		**0.0118**	**0.0118**		**0.0118**	**0.0118**	**0.0000**	**344.3479**	**344.3479**	**0.0128**	**0.0000**	**344.6686**

3.4 Building Construction - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0437	1.7119	0.2683	6.9700e-003	0.1826	2.0600e-003	0.1847	0.0528	1.9700e-003	0.0548	0.0000	662.0925	662.0925	0.0336	0.0000	662.9336
Worker	0.1058	0.0664	0.8315	3.6800e-003	0.5731	1.9800e-003	0.5751	0.1525	1.8200e-003	0.1543	0.0000	332.8866	332.8866	4.4500e-003	0.0000	332.9978
Total	**0.1495**	**1.7783**	**1.0998**	**0.0107**	**0.7557**	**4.0400e-003**	**0.7598**	**0.2053**	**3.7900e-003**	**0.2091**	**0.0000**	**994.9791**	**994.9791**	**0.0381**	**0.0000**	**995.9314**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3475	344.3475	0.0128	0.0000	344.6682
Total	**0.1594**	**0.9381**	**2.1114**	**4.0600e-003**		**0.0118**	**0.0118**		**0.0118**	**0.0118**	**0.0000**	**344.3475**	**344.3475**	**0.0128**	**0.0000**	**344.6682**

3.4 Building Construction - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0437	1.7119	0.2683	6.9700e-003	0.1826	2.0600e-003	0.1847	0.0528	1.9700e-003	0.0548	0.0000	662.0925	662.0925	0.0336	0.0000	662.9336
Worker	0.1058	0.0664	0.8315	3.6800e-003	0.5731	1.9800e-003	0.5751	0.1525	1.8200e-003	0.1543	0.0000	332.8866	332.8866	4.4500e-003	0.0000	332.9978
Total	**0.1495**	**1.7783**	**1.0998**	**0.0107**	**0.7557**	**4.0400e-003**	**0.7598**	**0.2053**	**3.7900e-003**	**0.2091**	**0.0000**	**994.9791**	**994.9791**	**0.0381**	**0.0000**	**995.9314**

3.4 Building Construction - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	**0.1588**	**0.9346**	**2.1034**	**4.0400e-003**		**0.0118**	**0.0118**		**0.0118**	**0.0118**	**0.0000**	**343.0336**	**343.0336**	**0.0128**	**0.0000**	**343.3530**

3.4 Building Construction - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0436	1.7054	0.2673	6.9500e-003	0.1819	2.0500e-003	0.1840	0.0526	1.9600e-003	0.0546	0.0000	659.5654	659.5654	0.0335	0.0000	660.4033
Worker	0.1054	0.0662	0.8284	3.6600e-003	0.5709	1.9700e-003	0.5729	0.1519	1.8100e-003	0.1537	0.0000	331.6160	331.6160	4.4300e-003	0.0000	331.7268
Total	**0.1489**	**1.7716**	**1.0956**	**0.0106**	**0.7528**	**4.0200e-003**	**0.7569**	**0.2046**	**3.7700e-003**	**0.2083**	**0.0000**	**991.1814**	**991.1814**	**0.0379**	**0.0000**	**992.1301**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	**0.1588**	**0.9346**	**2.1034**	**4.0400e-003**		**0.0118**	**0.0118**		**0.0118**	**0.0118**	**0.0000**	**343.0332**	**343.0332**	**0.0128**	**0.0000**	**343.3526**

3.4 Building Construction - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0436	1.7054	0.2673	6.9500e-003	0.1819	2.0500e-003	0.1840	0.0526	1.9600e-003	0.0546	0.0000	659.5654	659.5654	0.0335	0.0000	660.4033
Worker	0.1054	0.0662	0.8284	3.6600e-003	0.5709	1.9700e-003	0.5729	0.1519	1.8100e-003	0.1537	0.0000	331.6160	331.6160	4.4300e-003	0.0000	331.7268
Total	**0.1489**	**1.7716**	**1.0956**	**0.0106**	**0.7528**	**4.0200e-003**	**0.7569**	**0.2046**	**3.7700e-003**	**0.2083**	**0.0000**	**991.1814**	**991.1814**	**0.0379**	**0.0000**	**992.1301**

3.4 Building Construction - 2038

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	**0.1588**	**0.9346**	**2.1034**	**4.0400e-003**		**0.0118**	**0.0118**		**0.0118**	**0.0118**	**0.0000**	**343.0336**	**343.0336**	**0.0128**	**0.0000**	**343.3530**

3.4 Building Construction - 2038

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0436	1.7054	0.2673	6.9500e-003	0.1819	2.0500e-003	0.1840	0.0526	1.9600e-003	0.0546	0.0000	659.5654	659.5654	0.0335	0.0000	660.4033
Worker	0.1054	0.0662	0.8284	3.6600e-003	0.5709	1.9700e-003	0.5729	0.1519	1.8100e-003	0.1537	0.0000	331.6160	331.6160	4.4300e-003	0.0000	331.7268
Total	**0.1489**	**1.7716**	**1.0956**	**0.0106**	**0.7528**	**4.0200e-003**	**0.7569**	**0.2046**	**3.7700e-003**	**0.2083**	**0.0000**	**991.1814**	**991.1814**	**0.0379**	**0.0000**	**992.1301**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	**0.1588**	**0.9346**	**2.1034**	**4.0400e-003**		**0.0118**	**0.0118**		**0.0118**	**0.0118**	**0.0000**	**343.0332**	**343.0332**	**0.0128**	**0.0000**	**343.3526**

3.4 Building Construction - 2038

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0436	1.7054	0.2673	6.9500e-003	0.1819	2.0500e-003	0.1840	0.0526	1.9600e-003	0.0546	0.0000	659.5654	659.5654	0.0335	0.0000	660.4033
Worker	0.1054	0.0662	0.8284	3.6600e-003	0.5709	1.9700e-003	0.5729	0.1519	1.8100e-003	0.1537	0.0000	331.6160	331.6160	4.4300e-003	0.0000	331.7268
Total	**0.1489**	**1.7716**	**1.0956**	**0.0106**	**0.7528**	**4.0200e-003**	**0.7569**	**0.2046**	**3.7700e-003**	**0.2083**	**0.0000**	**991.1814**	**991.1814**	**0.0379**	**0.0000**	**992.1301**

3.4 Building Construction - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1126	0.6624	1.4909	2.8600e-003		8.3600e-003	8.3600e-003		8.3600e-003	8.3600e-003	0.0000	243.1464	243.1464	9.0600e-003	0.0000	243.3729
Total	**0.1126**	**0.6624**	**1.4909**	**2.8600e-003**		**8.3600e-003**	**8.3600e-003**		**8.3600e-003**	**8.3600e-003**	**0.0000**	**243.1464**	**243.1464**	**9.0600e-003**	**0.0000**	**243.3729**

3.4 Building Construction - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0309	1.2088	0.1894	4.9200e-003	0.1289	1.4600e-003	0.1304	0.0373	1.3900e-003	0.0387	0.0000	467.5081	467.5081	0.0238	0.0000	468.1019
Worker	0.0747	0.0469	0.5872	2.6000e-003	0.4047	1.4000e-003	0.4061	0.1077	1.2900e-003	0.1090	0.0000	235.0535	235.0535	3.1400e-003	0.0000	235.1321
Total	**0.1055**	**1.2557**	**0.7766**	**7.5200e-003**	**0.5336**	**2.8600e-003**	**0.5365**	**0.1450**	**2.6800e-003**	**0.1477**	**0.0000**	**702.5615**	**702.5615**	**0.0269**	**0.0000**	**703.2340**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1126	0.6624	1.4909	2.8600e-003		8.3600e-003	8.3600e-003		8.3600e-003	8.3600e-003	0.0000	243.1462	243.1462	9.0600e-003	0.0000	243.3726
Total	**0.1126**	**0.6624**	**1.4909**	**2.8600e-003**		**8.3600e-003**	**8.3600e-003**		**8.3600e-003**	**8.3600e-003**	**0.0000**	**243.1462**	**243.1462**	**9.0600e-003**	**0.0000**	**243.3726**

3.4 Building Construction - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0309	1.2088	0.1894	4.9200e-003	0.1289	1.4600e-003	0.1304	0.0373	1.3900e-003	0.0387	0.0000	467.5081	467.5081	0.0238	0.0000	468.1019
Worker	0.0747	0.0469	0.5872	2.6000e-003	0.4047	1.4000e-003	0.4061	0.1077	1.2900e-003	0.1090	0.0000	235.0535	235.0535	3.1400e-003	0.0000	235.1321
Total	**0.1055**	**1.2557**	**0.7766**	**7.5200e-003**	**0.5336**	**2.8600e-003**	**0.5365**	**0.1450**	**2.6800e-003**	**0.1477**	**0.0000**	**702.5615**	**702.5615**	**0.0269**	**0.0000**	**703.2340**

3.5 Paving - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0428	0.1829	0.5933	1.0500e-003		7.0300e-003	7.0300e-003		7.0300e-003	7.0300e-003	0.0000	90.3732	90.3732	3.4800e-003	0.0000	90.4601
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0428**	**0.1829**	**0.5933**	**1.0500e-003**		**7.0300e-003**	**7.0300e-003**		**7.0300e-003**	**7.0300e-003**	**0.0000**	**90.3732**	**90.3732**	**3.4800e-003**	**0.0000**	**90.4601**

3.5 Paving - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.5000e-004	6.0000e-004	7.4500e-003	3.0000e-005	5.1400e-003	2.0000e-005	5.1600e-003	1.3700e-003	2.0000e-005	1.3800e-003	0.0000	2.9841	2.9841	4.0000e-005	0.0000	2.9851
Total	**9.5000e-004**	**6.0000e-004**	**7.4500e-003**	**3.0000e-005**	**5.1400e-003**	**2.0000e-005**	**5.1600e-003**	**1.3700e-003**	**2.0000e-005**	**1.3800e-003**	**0.0000**	**2.9841**	**2.9841**	**4.0000e-005**	**0.0000**	**2.9851**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0428	0.1829	0.5933	1.0500e-003		7.0300e-003	7.0300e-003		7.0300e-003	7.0300e-003	0.0000	90.3731	90.3731	3.4800e-003	0.0000	90.4600
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0428**	**0.1829**	**0.5933**	**1.0500e-003**		**7.0300e-003**	**7.0300e-003**		**7.0300e-003**	**7.0300e-003**	**0.0000**	**90.3731**	**90.3731**	**3.4800e-003**	**0.0000**	**90.4600**

3.5 Paving - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.5000e-004	6.0000e-004	7.4500e-003	3.0000e-005	5.1400e-003	2.0000e-005	5.1600e-003	1.3700e-003	2.0000e-005	1.3800e-003	0.0000	2.9841	2.9841	4.0000e-005	0.0000	2.9851
Total	**9.5000e-004**	**6.0000e-004**	**7.4500e-003**	**3.0000e-005**	**5.1400e-003**	**2.0000e-005**	**5.1600e-003**	**1.3700e-003**	**2.0000e-005**	**1.3800e-003**	**0.0000**	**2.9841**	**2.9841**	**4.0000e-005**	**0.0000**	**2.9851**

3.5 Paving - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1289	0.4662	2.0168	3.5800e-003		0.0148	0.0148		0.0148	0.0148	0.0000	307.2688	307.2688	0.0103	0.0000	307.5270
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1289**	**0.4662**	**2.0168**	**3.5800e-003**		**0.0148**	**0.0148**		**0.0148**	**0.0148**	**0.0000**	**307.2688**	**307.2688**	**0.0103**	**0.0000**	**307.5270**

3.5 Paving - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3100e-003	1.5100e-003	0.0203	1.1000e-004	0.0175	5.0000e-005	0.0175	4.6500e-003	4.0000e-005	4.6900e-003	0.0000	9.6410	9.6410	9.0000e-005	0.0000	9.6433
Total	**2.3100e-003**	**1.5100e-003**	**0.0203**	**1.1000e-004**	**0.0175**	**5.0000e-005**	**0.0175**	**4.6500e-003**	**4.0000e-005**	**4.6900e-003**	**0.0000**	**9.6410**	**9.6410**	**9.0000e-005**	**0.0000**	**9.6433**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1289	0.4662	2.0168	3.5800e-003		0.0148	0.0148		0.0148	0.0148	0.0000	307.2685	307.2685	0.0103	0.0000	307.5266
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1289**	**0.4662**	**2.0168**	**3.5800e-003**		**0.0148**	**0.0148**		**0.0148**	**0.0148**	**0.0000**	**307.2685**	**307.2685**	**0.0103**	**0.0000**	**307.5266**

3.5 Paving - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3100e-003	1.5100e-003	0.0203	1.1000e-004	0.0175	5.0000e-005	0.0175	4.6500e-003	4.0000e-005	4.6900e-003	0.0000	9.6410	9.6410	9.0000e-005	0.0000	9.6433
Total	**2.3100e-003**	**1.5100e-003**	**0.0203**	**1.1000e-004**	**0.0175**	**5.0000e-005**	**0.0175**	**4.6500e-003**	**4.0000e-005**	**4.6900e-003**	**0.0000**	**9.6410**	**9.6410**	**9.0000e-005**	**0.0000**	**9.6433**

3.6 Architectural Coating - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2401					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.4000e-004	2.1800e-003	5.3800e-003	1.0000e-005		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.7660	0.7660	3.0000e-005	0.0000	0.7667
Total	**0.2404**	**2.1800e-003**	**5.3800e-003**	**1.0000e-005**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.7660**	**0.7660**	**3.0000e-005**	**0.0000**	**0.7667**

3.6 Architectural Coating - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.5000e-004	2.3000e-004	3.0600e-003	2.0000e-005	2.6300e-003	1.0000e-005	2.6400e-003	7.0000e-004	1.0000e-005	7.1000e-004	0.0000	1.4518	1.4518	1.0000e-005	0.0000	1.4522
Total	**3.5000e-004**	**2.3000e-004**	**3.0600e-003**	**2.0000e-005**	**2.6300e-003**	**1.0000e-005**	**2.6400e-003**	**7.0000e-004**	**1.0000e-005**	**7.1000e-004**	**0.0000**	**1.4518**	**1.4518**	**1.0000e-005**	**0.0000**	**1.4522**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2401					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.4000e-004	2.1800e-003	5.3800e-003	1.0000e-005		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.7660	0.7660	3.0000e-005	0.0000	0.7667
Total	**0.2404**	**2.1800e-003**	**5.3800e-003**	**1.0000e-005**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.7660**	**0.7660**	**3.0000e-005**	**0.0000**	**0.7667**

3.6 Architectural Coating - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.5000e-004	2.3000e-004	3.0600e-003	2.0000e-005	2.6300e-003	1.0000e-005	2.6400e-003	7.0000e-004	1.0000e-005	7.1000e-004	0.0000	1.4518	1.4518	1.0000e-005	0.0000	1.4522
Total	**3.5000e-004**	**2.3000e-004**	**3.0600e-003**	**2.0000e-005**	**2.6300e-003**	**1.0000e-005**	**2.6400e-003**	**7.0000e-004**	**1.0000e-005**	**7.1000e-004**	**0.0000**	**1.4518**	**1.4518**	**1.0000e-005**	**0.0000**	**1.4522**

3.6 Architectural Coating - 2041

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	10.4434					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0150	0.0949	0.2339	3.9000e-004		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004	0.0000	33.3200	33.3200	1.1700e-003	0.0000	33.3493
Total	**10.4584**	**0.0949**	**0.2339**	**3.9000e-004**		**9.7000e-004**	**9.7000e-004**		**9.7000e-004**	**9.7000e-004**	**0.0000**	**33.3200**	**33.3200**	**1.1700e-003**	**0.0000**	**33.3493**

3.6 Architectural Coating - 2041

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0151	9.8800e-003	0.1332	7.0000e-004	0.1144	3.0000e-004	0.1147	0.0305	2.7000e-004	0.0307	0.0000	63.1545	63.1545	6.0000e-004	0.0000	63.1695
Total	**0.0151**	**9.8800e-003**	**0.1332**	**7.0000e-004**	**0.1144**	**3.0000e-004**	**0.1147**	**0.0305**	**2.7000e-004**	**0.0307**	**0.0000**	**63.1545**	**63.1545**	**6.0000e-004**	**0.0000**	**63.1695**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	10.4434					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0150	0.0949	0.2339	3.9000e-004		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004	0.0000	33.3199	33.3199	1.1700e-003	0.0000	33.3492
Total	**10.4584**	**0.0949**	**0.2339**	**3.9000e-004**		**9.7000e-004**	**9.7000e-004**		**9.7000e-004**	**9.7000e-004**	**0.0000**	**33.3199**	**33.3199**	**1.1700e-003**	**0.0000**	**33.3492**

3.6 Architectural Coating - 2041

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0151	9.8800e-003	0.1332	7.0000e-004	0.1144	3.0000e-004	0.1147	0.0305	2.7000e-004	0.0307	0.0000	63.1545	63.1545	6.0000e-004	0.0000	63.1695
Total	**0.0151**	**9.8800e-003**	**0.1332**	**7.0000e-004**	**0.1144**	**3.0000e-004**	**0.1147**	**0.0305**	**2.7000e-004**	**0.0307**	**0.0000**	**63.1545**	**63.1545**	**6.0000e-004**	**0.0000**	**63.1695**

3.6 Architectural Coating - 2042

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.5208					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.6200e-003	0.0229	0.0565	9.0000e-005		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	8.0428	8.0428	2.8000e-004	0.0000	8.0498
Total	**2.5245**	**0.0229**	**0.0565**	**9.0000e-005**		**2.3000e-004**	**2.3000e-004**		**2.3000e-004**	**2.3000e-004**	**0.0000**	**8.0428**	**8.0428**	**2.8000e-004**	**0.0000**	**8.0498**

3.6 Architectural Coating - 2042

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6600e-003	2.3800e-003	0.0322	1.7000e-004	0.0276	7.0000e-005	0.0277	7.3500e-003	7.0000e-005	7.4200e-003	0.0000	15.2442	15.2442	1.5000e-004	0.0000	15.2478
Total	**3.6600e-003**	**2.3800e-003**	**0.0322**	**1.7000e-004**	**0.0276**	**7.0000e-005**	**0.0277**	**7.3500e-003**	**7.0000e-005**	**7.4200e-003**	**0.0000**	**15.2442**	**15.2442**	**1.5000e-004**	**0.0000**	**15.2478**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.5208					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.6200e-003	0.0229	0.0565	9.0000e-005		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	8.0427	8.0427	2.8000e-004	0.0000	8.0498
Total	**2.5245**	**0.0229**	**0.0565**	**9.0000e-005**		**2.3000e-004**	**2.3000e-004**		**2.3000e-004**	**2.3000e-004**	**0.0000**	**8.0427**	**8.0427**	**2.8000e-004**	**0.0000**	**8.0498**

3.6 Architectural Coating - 2042

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6600e-003	2.3800e-003	0.0322	1.7000e-004	0.0276	7.0000e-005	0.0277	7.3500e-003	7.0000e-005	7.4200e-003	0.0000	15.2442	15.2442	1.5000e-004	0.0000	15.2478
Total	**3.6600e-003**	**2.3800e-003**	**0.0322**	**1.7000e-004**	**0.0276**	**7.0000e-005**	**0.0277**	**7.3500e-003**	**7.0000e-005**	**7.4200e-003**	**0.0000**	**15.2442**	**15.2442**	**1.5000e-004**	**0.0000**	**15.2478**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.7611	8.5849	26.8150	0.1037	12.9294	0.0836	13.0130	3.4696	0.0783	3.5478	0.0000	9,478.0646	9,478.0646	0.2590	0.0000	9,484.5401
Unmitigated	2.7611	8.5849	26.8150	0.1037	12.9294	0.0836	13.0130	3.4696	0.0783	3.5478	0.0000	9,478.0646	9,478.0646	0.2590	0.0000	9,484.5401

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	1,158.01	1,251.21	1060.15	3,186,535	3,186,535
Medical Office Building	6,888.00	1,707.65	295.20	10,189,680	10,189,680
Single Family Housing	3,977.12	4,136.58	3597.23	10,863,568	10,863,568
Strip Mall	7,615.20	7,264.80	3530.40	10,751,895	10,751,895
Total	19,638.33	14,360.24	8,482.98	34,991,678	34,991,678

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 Low Rise	10.51	7.30	7.50	35.00	17.00	48.00	86	11	3
Medical Office Building	9.50	7.30	7.30	29.60	51.40	19.00	60	30	10
Single Family Housing	10.51	7.30	7.50	35.00	17.00	48.00	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.560217	0.037268	0.196049	0.130788	0.044300	0.003426	0.018589	0.001200	0.001370	0.000987	0.004303	0.001016	0.000487
Medical Office Building	0.560217	0.037268	0.196049	0.130788	0.044300	0.003426	0.018589	0.001200	0.001370	0.000987	0.004303	0.001016	0.000487
Single Family Housing	0.560217	0.037268	0.196049	0.130788	0.044300	0.003426	0.018589	0.001200	0.001370	0.000987	0.004303	0.001016	0.000487
Strip Mall	0.560217	0.037268	0.196049	0.130788	0.044300	0.003426	0.018589	0.001200	0.001370	0.000987	0.004303	0.001016	0.000487

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,173.3495	1,173.3495	0.1173	0.0243	1,183.5172
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,187.0659	1,187.0659	0.1187	0.0246	1,197.3524
NaturalGas Mitigated	0.1122	0.9738	0.5209	6.1200e-003		0.0775	0.0775		0.0775	0.0775	0.0000	1,109.9225	1,109.9225	0.0213	0.0204	1,116.5183
NaturalGas Unmitigated	0.1122	0.9738	0.5209	6.1200e-003		0.0775	0.0775		0.0775	0.0775	0.0000	1,109.9225	1,109.9225	0.0213	0.0204	1,116.5183

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	3.2938e+006	0.0178	0.1518	0.0646	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	175.7695	175.7695	3.3700e-003	3.2200e-003	176.8140
Medical Office Building	2.67525e+006	0.0144	0.1311	0.1102	7.9000e-004		9.9700e-003	9.9700e-003		9.9700e-003	9.9700e-003	0.0000	142.7615	142.7615	2.7400e-003	2.6200e-003	143.6099
Single Family Housing	1.22621e+007	0.0661	0.5650	0.2404	3.6100e-003		0.0457	0.0457		0.0457	0.0457	0.0000	654.3533	654.3533	0.0125	0.0120	658.2418
Strip Mall	2.568e+006	0.0139	0.1259	0.1057	7.6000e-004		9.5700e-003	9.5700e-003		9.5700e-003	9.5700e-003	0.0000	137.0383	137.0383	2.6300e-003	2.5100e-003	137.8526
Total		**0.1122**	**0.9738**	**0.5209**	**6.1300e-003**		**0.0775**	**0.0775**		**0.0775**	**0.0775**	**0.0000**	**1,109.9225**	**1,109.9225**	**0.0213**	**0.0204**	**1,116.5182**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	3.2938e+006	0.0178	0.1518	0.0646	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	175.7695	175.7695	3.3700e-003	3.2200e-003	176.8140
Medical Office Building	2.67525e+006	0.0144	0.1311	0.1102	7.9000e-004		9.9700e-003	9.9700e-003		9.9700e-003	9.9700e-003	0.0000	142.7615	142.7615	2.7400e-003	2.6200e-003	143.6099
Single Family Housing	1.22621e+007	0.0661	0.5650	0.2404	3.6100e-003		0.0457	0.0457		0.0457	0.0457	0.0000	654.3533	654.3533	0.0125	0.0120	658.2418
Strip Mall	2.568e+006	0.0139	0.1259	0.1057	7.6000e-004		9.5700e-003	9.5700e-003		9.5700e-003	9.5700e-003	0.0000	137.0383	137.0383	2.6300e-003	2.5100e-003	137.8526
Total		**0.1122**	**0.9738**	**0.5209**	**6.1300e-003**		**0.0775**	**0.0775**		**0.0775**	**0.0775**	**0.0000**	**1,109.9225**	**1,109.9225**	**0.0213**	**0.0204**	**1,116.5182**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	1.08986e+006	143.3624	0.0143	2.9700e-003	144.6047
Medical Office Building	1.8696e+006	245.9305	0.0246	5.0900e-003	248.0616
Single Family Housing	4.10879e+006	540.4772	0.0541	0.0112	545.1607
Strip Mall	1.956e+006	257.2957	0.0257	5.3200e-003	259.5253
Total		**1,187.0659**	**0.1187**	**0.0246**	**1,197.3524**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	1.06443e+006	140.0174	0.0140	2.9000e-003	141.2307
Medical Office Building	1.8696e+006	245.9305	0.0246	5.0900e-003	248.0616
Single Family Housing	4.02994e+006	530.1059	0.0530	0.0110	534.6996
Strip Mall	1.956e+006	257.2957	0.0257	5.3200e-003	259.5253
Total		**1,173.3495**	**0.1173**	**0.0243**	**1,183.5172**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	6.5529	0.2380	5.2740	1.4100e-003		0.0433	0.0433		0.0433	0.0433	0.0000	214.7473	214.7473	0.0121	3.7800e-003	216.1760
Unmitigated	6.5529	0.2380	5.2740	1.4100e-003		0.0433	0.0433		0.0433	0.0433	0.0000	214.7473	214.7473	0.0121	3.7800e-003	216.1760

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.3204					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	5.0560					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0208	0.1781	0.0758	1.1400e-003		0.0144	0.0144		0.0144	0.0144	0.0000	206.2250	206.2250	3.9500e-003	3.7800e-003	207.4505
Landscaping	0.1557	0.0600	5.1982	2.8000e-004		0.0289	0.0289		0.0289	0.0289	0.0000	8.5224	8.5224	8.1300e-003	0.0000	8.7255
Total	**6.5529**	**0.2380**	**5.2739**	**1.4200e-003**		**0.0433**	**0.0433**		**0.0433**	**0.0433**	**0.0000**	**214.7473**	**214.7473**	**0.0121**	**3.7800e-003**	**216.1760**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.3204					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	5.0560					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0208	0.1781	0.0758	1.1400e-003		0.0144	0.0144		0.0144	0.0144	0.0000	206.2250	206.2250	3.9500e-003	3.7800e-003	207.4505
Landscaping	0.1557	0.0600	5.1982	2.8000e-004		0.0289	0.0289		0.0289	0.0289	0.0000	8.5224	8.5224	8.1300e-003	0.0000	8.7255
Total	**6.5529**	**0.2380**	**5.2739**	**1.4200e-003**		**0.0433**	**0.0433**		**0.0433**	**0.0433**	**0.0000**	**214.7473**	**214.7473**	**0.0121**	**3.7800e-003**	**216.1760**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	112.3770	2.9163	0.0704	206.2628
Unmitigated	112.3770	2.9163	0.0704	206.2628

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	15.1809 / 9.57056	20.0278	0.4962	0.0120	36.0070
Medical Office Building	25.7235 / 4.89972	28.7260	0.8403	0.0202	55.7572
Single Family Housing	30.5572 / 19.2643	40.3134	0.9988	0.0241	72.4777
Strip Mall	17.7774 / 10.8958	23.3098	0.5810	0.0140	42.0209
Total		**112.3770**	**2.9163**	**0.0704**	**206.2628**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	15.1809 / 9.57056	20.0278	0.4962	0.0120	36.0070
Medical Office Building	25.7235 / 4.89972	28.7260	0.8403	0.0202	55.7572
Single Family Housing	30.5572 / 19.2643	40.3134	0.9988	0.0241	72.4777
Strip Mall	17.7774 / 10.8958	23.3098	0.5810	0.0140	42.0209
Total		**112.3770**	**2.9163**	**0.0704**	**206.2628**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	562.0822	35.8700	0.0000	1,458.8328
Unmitigated	562.0822	35.8700	0.0000	1,458.8328

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	107.18	20.1481	1.2858	0.0000	52.2925
Medical Office Building	2214	416.1957	26.5601	0.0000	1,080.1977
Single Family Housing	416.88	78.3666	5.0011	0.0000	203.3933
Strip Mall	252	47.3719	3.0231	0.0000	122.9493
Total		**562.0822**	**35.8700**	**0.0000**	**1,458.8328**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	107.18	20.1481	1.2858	0.0000	52.2925
Medical Office Building	2214	416.1957	26.5601	0.0000	1,080.1977
Single Family Housing	416.88	78.3666	5.0011	0.0000	203.3933
Strip Mall	252	47.3719	3.0231	0.0000	122.9493
Total		**562.0822**	**35.8700**	**0.0000**	**1,458.8328**

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

Stonegate, Chico - Construction and Operation

Butte County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	205.00	1000sqft	0.00	205,000.00	0
Apartments Low Rise	233.00	Dwelling Unit	0.00	233,000.00	576
Single Family Housing	469.00	Dwelling Unit	204.80	844,200.00	1158
Strip Mall	240.00	1000sqft	0.00	240,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	71
Climate Zone	3			**Operational Year**	2035
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	290	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Using the 2020 PG&E CO2 rate

Land Use - Land uses from traffic report, acreage from PD (313) less open space (108.2) = 204.8ac. 2.47 persons per household per US Census (1,734 total pop).

Construction Phase - default

Trips and VMT -

Grading -

Architectural Coating - 150 g/L Rule 230

Vehicle Trips - Trip rates from project traffic report incl trip reductions. Trip lengths based on ACS data and statewide averages for urban trips.

Woodstoves - No woodstoves or wood fireplaces, up to 25% gas-powered fireplaces in SFR only.

Energy Use -

Construction Off-road Equipment Mitigation - Tier 4 engines for equip

Mobile Land Use Mitigation -

Energy Mitigation - energy-efficient appliances

Fleet Mix - Chico-specific traffic mix data

Consumer Products - 2012 CARB Almanac emissions data

Solid Waste - Per county data (B. Mannel, 2014) the Neal Road Landfill captures at least 90% methane

Area Coating - 150 g/L Rule 230

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Parking	250.00	150.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	150.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaCoating	Area_EF_Nonresidential_Interior	250	150
tblAreaCoating	Area_EF_Parking	250	150
tblAreaCoating	Area_EF_Residential_Exterior	250	150

tblAreaCoating	Area_EF_Residential_Interior	250	150
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConsumerProducts	ROG_EF	2.14E-05	1.82E-05
tblFireplaces	FireplaceWoodMass	5,158.40	0.00
tblFireplaces	FireplaceWoodMass	5,158.40	0.00
tblFireplaces	NumberGas	100.19	0.00
tblFireplaces	NumberGas	201.67	117.00
tblFireplaces	NumberNoFireplace	41.94	233.00
tblFireplaces	NumberNoFireplace	84.42	352.00
tblFireplaces	NumberWood	90.87	0.00
tblFireplaces	NumberWood	182.91	0.00
tblFleetMix	HHD	0.09	1.2000e-003
tblFleetMix	HHD	0.09	1.2000e-003
tblFleetMix	HHD	0.09	1.2000e-003
tblFleetMix	HHD	0.09	1.2000e-003
tblFleetMix	LDA	0.59	0.56
tblFleetMix	LDA	0.59	0.56
tblFleetMix	LDA	0.59	0.56
tblFleetMix	LDA	0.59	0.56
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT2	0.17	0.20
tblFleetMix	LDT2	0.17	0.20
tblFleetMix	LDT2	0.17	0.20
tblFleetMix	LDT2	0.17	0.20

tblFleetMix	LHD1	0.01	0.04
tblFleetMix	LHD1	0.01	0.04
tblFleetMix	LHD1	0.01	0.04
tblFleetMix	LHD1	0.01	0.04
tblFleetMix	MDV	0.09	0.13
tblFleetMix	MDV	0.09	0.13
tblFleetMix	MDV	0.09	0.13
tblFleetMix	MDV	0.09	0.13
tblLandUse	LotAcreage	4.71	0.00
tblLandUse	LotAcreage	14.56	0.00
tblLandUse	LotAcreage	152.27	204.80
tblLandUse	LotAcreage	5.51	0.00
tblLandUse	Population	666.00	576.00
tblLandUse	Population	1,341.00	1,158.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	290
tblSolidWaste	LandfillCaptureGasEnergyRecovery	0.00	90.00
tblSolidWaste	LandfillCaptureGasEnergyRecovery	0.00	90.00
tblSolidWaste	LandfillCaptureGasEnergyRecovery	0.00	90.00
tblSolidWaste	LandfillCaptureGasEnergyRecovery	0.00	90.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	4.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	4.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	4.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	4.00
tblVehicleTrips	CC_TL	10.52	7.30
tblVehicleTrips	CC_TL	10.52	7.30
tblVehicleTrips	CNW_TL	10.52	7.30
tblVehicleTrips	CNW_TL	10.52	7.30

tblVehicleTrips	CW_TL	10.52	9.50
tblVehicleTrips	CW_TL	10.52	9.50
tblVehicleTrips	HO_TL	7.22	7.50
tblVehicleTrips	HO_TL	7.22	7.50
tblVehicleTrips	HS_TL	7.22	7.30
tblVehicleTrips	HS_TL	7.22	7.30
tblVehicleTrips	HW_TL	12.54	10.51
tblVehicleTrips	HW_TL	12.54	10.51
tblVehicleTrips	ST_TR	7.16	5.37
tblVehicleTrips	ST_TR	8.96	8.33
tblVehicleTrips	ST_TR	9.91	8.82
tblVehicleTrips	ST_TR	42.04	30.27
tblVehicleTrips	SU_TR	6.07	4.55
tblVehicleTrips	SU_TR	1.55	1.44
tblVehicleTrips	SU_TR	8.62	7.67
tblVehicleTrips	SU_TR	20.43	14.71
tblVehicleTrips	WD_TR	6.59	4.97
tblVehicleTrips	WD_TR	36.13	33.60
tblVehicleTrips	WD_TR	9.52	8.48
tblVehicleTrips	WD_TR	44.32	31.73
tblWoodstoves	NumberCatalytic	20.97	0.00
tblWoodstoves	NumberCatalytic	42.21	0.00
tblWoodstoves	NumberNoncatalytic	20.97	0.00
tblWoodstoves	NumberNoncatalytic	42.21	0.00
tblWoodstoves	WoodstoveDayYear	150.00	0.00
tblWoodstoves	WoodstoveDayYear	150.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	4.4710	45.6708	23.2548	0.0399	18.2379	2.3918	20.6297	9.9762	2.2005	12.1767	0.0000	3,956.3603	3,956.3603	1.2024	0.0000	3,986.4199
2020	4.5853	50.2930	33.1129	0.0641	18.2379	2.1988	20.4367	9.9762	2.0229	11.9991	0.0000	6,210.6161	6,210.6161	1.9525	0.0000	6,259.4294
2021	5.5216	46.4849	45.2307	0.1323	8.8641	1.9868	10.8509	3.6471	1.8278	5.4749	0.0000	13,328.4540	13,328.4540	1.9518	0.0000	13,360.8207
2022	5.0640	36.2728	42.3861	0.1302	6.0120	0.9037	6.9157	1.6271	0.8506	2.4777	0.0000	13,115.9095	13,115.9095	1.2512	0.0000	13,147.1880
2023	4.5704	31.1571	39.4500	0.1275	6.0120	0.7570	6.7690	1.6272	0.7121	2.3393	0.0000	12,850.2357	12,850.2357	1.0944	0.0000	12,877.5958
2024	4.2717	29.7051	37.3986	0.1254	6.0120	0.6678	6.6798	1.6272	0.6279	2.2551	0.0000	12,641.3012	12,641.3012	1.0701	0.0000	12,668.0530
2025	4.0037	28.2821	35.6463	0.1234	6.0120	0.5798	6.5918	1.6272	0.5452	2.1724	0.0000	12,437.1419	12,437.1419	1.0458	0.0000	12,463.2855
2026	3.8566	27.8777	34.1901	0.1215	6.0120	0.5775	6.5895	1.6272	0.5430	2.1701	0.0000	12,250.1826	12,250.1826	1.0278	0.0000	12,275.8773
2027	3.7120	27.5118	32.8331	0.1198	6.0120	0.5749	6.5869	1.6272	0.5406	2.1678	0.0000	12,080.9703	12,080.9703	1.0089	0.0000	12,106.1916
2028	3.5636	27.2066	31.6777	0.1183	6.0120	0.5722	6.5842	1.6272	0.5380	2.1652	0.0000	11,931.9556	11,931.9556	0.9929	0.0000	11,956.7768
2029	3.4038	26.9283	30.5431	0.1170	6.0120	0.5697	6.5816	1.6272	0.5357	2.1628	0.0000	11,799.0085	11,799.0085	0.9774	0.0000	11,823.4427
2030	3.1839	22.1456	29.5830	0.1198	6.0120	0.1879	6.1999	1.6272	0.1854	1.8125	0.0000	12,023.3781	12,023.3781	0.4780	0.0000	12,035.3281

	ROG	NOx	CO	SO2	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					
2031	3.0075	21.9177	28.5637	0.1188	6.0120	0.1857	6.1977	1.6272	0.1834	1.8105	0.0000	11,921.3696	11,921.3696	0.4632	0.0000	11,932.9489
2032	2.8751	21.7289	27.7733	0.1179	6.0120	0.1838	6.1958	1.6272	0.1816	1.8087	0.0000	11,834.9572	11,834.9572	0.4518	0.0000	11,846.2534
2033	2.7520	21.5608	27.0674	0.1172	6.0120	0.1820	6.1940	1.6272	0.1799	1.8070	0.0000	11,760.6528	11,760.6528	0.4425	0.0000	11,771.7153
2034	2.6465	21.4183	26.4163	0.1165	6.0120	0.1803	6.1923	1.6272	0.1783	1.8055	0.0000	11,697.1154	11,697.1154	0.4337	0.0000	11,707.9570
2035	2.4694	20.5301	25.8534	0.1160	6.0120	0.1212	6.1332	1.6272	0.1193	1.7465	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481
2036	2.4694	20.5301	25.8534	0.1160	6.0120	0.1212	6.1332	1.6272	0.1193	1.7465	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481
2037	2.4694	20.5301	25.8534	0.1160	6.0120	0.1212	6.1332	1.6272	0.1193	1.7465	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481
2038	2.4694	20.5301	25.8534	0.1160	6.0120	0.1212	6.1332	1.6272	0.1193	1.7465	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481
2039	2.4694	20.5301	25.8534	0.1160	6.0120	0.1879	6.1332	1.6272	0.1878	1.7465	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481
2040	80.2716	3.6675	16.0161	0.0290	0.9155	0.1168	0.9252	0.2428	0.1168	0.2524	0.0000	2,749.2313	2,749.2313	0.0902	0.0000	2,751.4864
2041	80.2716	0.7969	3.0621	8.9100e-003	0.9155	9.7100e-003	0.9252	0.2428	9.5300e-003	0.2524	0.0000	874.8211	874.8211	0.0158	0.0000	875.2160
2042	80.2716	0.7969	3.0621	8.9100e-003	0.9155	9.7100e-003	0.9252	0.2428	9.5300e-003	0.2524	0.0000	874.8211	874.8211	0.0158	0.0000	875.2160
Maximum	**80.2716**	**50.2930**	**45.2307**	**0.1323**	**18.2379**	**2.3918**	**20.6297**	**9.9762**	**2.2005**	**12.1767**	**0.0000**	**13,328.4540**	**13,328.4540**	**1.9525**	**0.0000**	**13,360.8207**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

Stonegate, Chico - Construction and Operation - Butte County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	4.4710	45.6708	23.2548	0.0399	4.2366	2.3918	6.6284	2.2799	2.2005	4.4804	0.0000	3,956.3603	3,956.3603	1.2024	0.0000	3,986.4199
2020	4.5853	50.2930	33.1129	0.0641	4.2366	2.1988	6.4353	2.2799	2.0229	4.3028	0.0000	6,210.6161	6,210.6161	1.9525	0.0000	6,259.4294
2021	5.5216	46.4849	45.2307	0.1323	6.0120	1.9868	7.0760	1.6271	1.8278	2.6876	0.0000	13,328.4540	13,328.4540	1.9518	0.0000	13,360.8207
2022	5.0640	36.2728	42.3861	0.1302	6.0120	0.9037	6.9157	1.6271	0.8506	2.4777	0.0000	13,115.9095	13,115.9095	1.2512	0.0000	13,147.1880
2023	4.5704	31.1571	39.4500	0.1275	6.0120	0.7570	6.7690	1.6272	0.7121	2.3393	0.0000	12,850.2357	12,850.2357	1.0944	0.0000	12,877.5958
2024	4.2717	29.7051	37.3986	0.1254	6.0120	0.6678	6.6798	1.6272	0.6279	2.2551	0.0000	12,641.3012	12,641.3012	1.0701	0.0000	12,668.0530
2025	4.0037	28.2821	35.6463	0.1234	6.0120	0.5798	6.5918	1.6272	0.5452	2.1724	0.0000	12,437.1419	12,437.1419	1.0458	0.0000	12,463.2855
2026	3.8566	27.8777	34.1901	0.1215	6.0120	0.5775	6.5895	1.6272	0.5430	2.1701	0.0000	12,250.1826	12,250.1826	1.0278	0.0000	12,275.8773
2027	3.7120	27.5118	32.8331	0.1198	6.0120	0.5749	6.5869	1.6272	0.5406	2.1678	0.0000	12,080.9703	12,080.9703	1.0089	0.0000	12,106.1916
2028	3.5636	27.2066	31.6777	0.1183	6.0120	0.5722	6.5842	1.6272	0.5380	2.1652	0.0000	11,931.9556	11,931.9556	0.9929	0.0000	11,956.7768
2029	3.4038	26.9283	30.5431	0.1170	6.0120	0.5697	6.5816	1.6272	0.5357	2.1628	0.0000	11,799.0085	11,799.0085	0.9774	0.0000	11,823.4427
2030	3.1839	22.1456	29.5830	0.1198	6.0120	0.1879	6.1999	1.6272	0.1854	1.8125	0.0000	12,023.3781	12,023.3781	0.4780	0.0000	12,035.3281
2031	3.0075	21.9177	28.5637	0.1188	6.0120	0.1857	6.1977	1.6272	0.1834	1.8105	0.0000	11,921.3696	11,921.3696	0.4632	0.0000	11,932.9489
2032	2.8751	21.7289	27.7733	0.1179	6.0120	0.1838	6.1958	1.6272	0.1816	1.8087	0.0000	11,834.9572	11,834.9572	0.4518	0.0000	11,846.2534
2033	2.7520	21.5608	27.0674	0.1172	6.0120	0.1820	6.1940	1.6272	0.1799	1.8070	0.0000	11,760.6528	11,760.6528	0.4425	0.0000	11,771.7153
2034	2.6465	21.4183	26.4163	0.1165	6.0120	0.1803	6.1923	1.6272	0.1783	1.8055	0.0000	11,697.1154	11,697.1154	0.4337	0.0000	11,707.9570
2035	2.4694	20.5301	25.8534	0.1160	6.0120	0.1212	6.1332	1.6272	0.1193	1.7465	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481
2036	2.4694	20.5301	25.8534	0.1160	6.0120	0.1212	6.1332	1.6272	0.1193	1.7465	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481

Stonegate, Chico - Construction and Operation - Butte County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2037	2.4694	20.5301	25.8534	0.1160	6.0120	0.1212	6.1332	1.6272	0.1193	1.7465	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481
2038	2.4694	20.5301	25.8534	0.1160	6.0120	0.1212	6.1332	1.6272	0.1193	1.7465	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481
2039	2.4694	20.5301	25.8534	0.1160	6.0120	0.1879	6.1332	1.6272	0.1878	1.7465	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481
2040	80.2716	3.6675	16.0161	0.0290	0.9155	0.1168	0.9252	0.2428	0.1168	0.2524	0.0000	2,749.2313	2,749.2313	0.0902	0.0000	2,751.4864
2041	80.2716	0.7969	3.0621	8.9100e-003	0.9155	9.7100e-003	0.9252	0.2428	9.5300e-003	0.2524	0.0000	874.8211	874.8211	0.0158	0.0000	875.2160
2042	80.2716	0.7969	3.0621	8.9100e-003	0.9155	9.7100e-003	0.9252	0.2428	9.5300e-003	0.2524	0.0000	874.8211	874.8211	0.0158	0.0000	875.2160
Maximum	**80.2716**	**50.2930**	**45.2307**	**0.1323**	**6.0120**	**2.3918**	**7.0760**	**2.2799**	**2.2005**	**4.4804**	**0.0000**	**13,328.4540**	**13,328.4540**	**1.9525**	**0.0000**	**13,360.8207**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**19.74**	**0.00**	**18.73**	**32.48**	**0.00**	**27.51**	**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	36.9468	3.0405	58.7678	0.0182		0.5133	0.5133		0.5133	0.5133	0.0000	3,135.3693	3,135.3693	0.1576	0.0556	3,155.8691
Energy	0.6145	5.3360	2.8543	0.0335		0.4246	0.4246		0.4246	0.4246		6,704.0009	6,704.0009	0.1285	0.1229	6,743.8394
Mobile	23.3176	51.5898	190.7886	0.7086	84.8333	0.5268	85.3601	22.6838	0.4930	23.1768		71,334.5451	71,334.5451	1.8627		71,381.1116
Total	**60.8789**	**59.9662**	**252.4108**	**0.7604**	**84.8333**	**1.4647**	**86.2980**	**22.6838**	**1.4309**	**24.1147**	**0.0000**	**81,173.9153**	**81,173.9153**	**2.1488**	**0.1785**	**81,280.8201**

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	36.9468	3.0405	58.7678	0.0182		0.5133	0.5133		0.5133	0.5133	0.0000	3,135.3693	3,135.3693	0.1576	0.0556	3,155.8691
Energy	0.6145	5.3360	2.8543	0.0335		0.4246	0.4246		0.4246	0.4246		6,704.0009	6,704.0009	0.1285	0.1229	6,743.8394
Mobile	23.3176	51.5898	190.7886	0.7086	84.8333	0.5268	85.3601	22.6838	0.4930	23.1768		71,334.5451	71,334.5451	1.8627		71,381.1116
Total	**60.8789**	**59.9662**	**252.4108**	**0.7604**	**84.8333**	**1.4647**	**86.2980**	**22.6838**	**1.4309**	**24.1147**	**0.0000**	**81,173.9153**	**81,173.9153**	**2.1488**	**0.1785**	**81,280.8201**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	6/1/2019	2/7/2020	5	180	
2	Grading	Grading	2/8/2020	11/19/2021	5	465	
3	Building Construction	Building Construction	11/20/2021	9/16/2039	5	4650	
4	Paving	Paving	9/17/2039	12/21/2040	5	330	
5	Architectural Coating	Architectural Coating	12/22/2040	3/28/2042	5	330	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1162.5

Acres of Paving: 0

Residential Indoor: 2,181,330; Residential Outdoor: 727,110; Non-Residential Indoor: 667,500; Non-Residential Outdoor: 222,500; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	479.00	148.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	96.00	0.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991		3,766.4529	3,766.4529	1.1917		3,796.2445
Total	**4.3350**	**45.5727**	**22.0630**	**0.0380**	**18.0663**	**2.3904**	**20.4566**	**9.9307**	**2.1991**	**12.1298**		**3,766.4529**	**3,766.4529**	**1.1917**		**3,796.2445**

3.2 Site Preparation - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1360	0.0981	1.1918	1.9200e-003	0.1717	1.4400e-003	0.1731	0.0455	1.3300e-003	0.0469		189.9074	189.9074	0.0107		190.1754
Total	**0.1360**	**0.0981**	**1.1918**	**1.9200e-003**	**0.1717**	**1.4400e-003**	**0.1731**	**0.0455**	**1.3300e-003**	**0.0469**		**189.9074**	**189.9074**	**0.0107**		**190.1754**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.0649	0.0000	4.0649	2.2344	0.0000	2.2344			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445
Total	**4.3350**	**45.5727**	**22.0630**	**0.0380**	**4.0649**	**2.3904**	**6.4553**	**2.2344**	**2.1991**	**4.4335**	**0.0000**	**3,766.4529**	**3,766.4529**	**1.1917**		**3,796.2445**

3.2 Site Preparation - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1360	0.0981	1.1918	1.9200e-003	0.1717	1.4400e-003	0.1731	0.0455	1.3300e-003	0.0469		189.9074	189.9074	0.0107		190.1754
Total	**0.1360**	**0.0981**	**1.1918**	**1.9200e-003**	**0.1717**	**1.4400e-003**	**0.1731**	**0.0455**	**1.3300e-003**	**0.0469**		**189.9074**	**189.9074**	**0.0107**		**190.1754**

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**4.0765**	**42.4173**	**21.5136**	**0.0380**	**18.0663**	**2.1974**	**20.2637**	**9.9307**	**2.0216**	**11.9523**		**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

3.2 Site Preparation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1217	0.0859	1.0391	1.8600e-003	0.1717	1.3600e-003	0.1730	0.0455	1.2500e-003	0.0468		184.2758	184.2758	9.1000e-003		184.5033
Total	**0.1217**	**0.0859**	**1.0391**	**1.8600e-003**	**0.1717**	**1.3600e-003**	**0.1730**	**0.0455**	**1.2500e-003**	**0.0468**		**184.2758**	**184.2758**	**9.1000e-003**		**184.5033**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.0649	0.0000	4.0649	2.2344	0.0000	2.2344			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**4.0765**	**42.4173**	**21.5136**	**0.0380**	**4.0649**	**2.1974**	**6.2623**	**2.2344**	**2.0216**	**4.2560**	**0.0000**	**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

3.2 Site Preparation - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1217	0.0859	1.0391	1.8600e-003	0.1717	1.3600e-003	0.1730	0.0455	1.2500e-003	0.0468		184.2758	184.2758	9.1000e-003		184.5033
Total	**0.1217**	**0.0859**	**1.0391**	**1.8600e-003**	**0.1717**	**1.3600e-003**	**0.1730**	**0.0455**	**1.2500e-003**	**0.0468**		**184.2758**	**184.2758**	**9.1000e-003**		**184.5033**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000		6,005.8653	6,005.8653	1.9424		6,054.4257
Total	**4.4501**	**50.1975**	**31.9583**	**0.0620**	**8.6733**	**2.1739**	**10.8472**	**3.5965**	**2.0000**	**5.5965**		**6,005.8653**	**6,005.8653**	**1.9424**		**6,054.4257**

3.3 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1352	0.0955	1.1546	2.0600e-003	0.1907	1.5100e-003	0.1922	0.0506	1.3900e-003	0.0520		204.7509	204.7509	0.0101		205.0037
Total	**0.1352**	**0.0955**	**1.1546**	**2.0600e-003**	**0.1907**	**1.5100e-003**	**0.1922**	**0.0506**	**1.3900e-003**	**0.0520**		**204.7509**	**204.7509**	**0.0101**		**205.0037**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.9515	0.0000	1.9515	0.8092	0.0000	0.8092			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000	0.0000	6,005.8653	6,005.8653	1.9424		6,054.4257
Total	**4.4501**	**50.1975**	**31.9583**	**0.0620**	**1.9515**	**2.1739**	**4.1254**	**0.8092**	**2.0000**	**2.8092**	**0.0000**	**6,005.8653**	**6,005.8653**	**1.9424**		**6,054.4257**

3.3 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1352	0.0955	1.1546	2.0600e-003	0.1907	1.5100e-003	0.1922	0.0506	1.3900e-003	0.0520		204.7509	204.7509	0.0101		205.0037
Total	**0.1352**	**0.0955**	**1.1546**	**2.0600e-003**	**0.1907**	**1.5100e-003**	**0.1922**	**0.0506**	**1.3900e-003**	**0.0520**		**204.7509**	**204.7509**	**0.0101**		**205.0037**

3.3 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**8.6733**	**1.9853**	**10.6587**	**3.5965**	**1.8265**	**5.4230**		**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.3 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1247	0.0851	1.0450	2.0000e-003	0.1907	1.4500e-003	0.1922	0.0506	1.3300e-003	0.0519		198.3557	198.3557	9.0100e-003		198.5810
Total	**0.1247**	**0.0851**	**1.0450**	**2.0000e-003**	**0.1907**	**1.4500e-003**	**0.1922**	**0.0506**	**1.3300e-003**	**0.0519**		**198.3557**	**198.3557**	**9.0100e-003**		**198.5810**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.9515	0.0000	1.9515	0.8092	0.0000	0.8092			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**1.9515**	**1.9853**	**3.9368**	**0.8092**	**1.8265**	**2.6357**	**0.0000**	**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.3 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1247	0.0851	1.0450	2.0000e-003	0.1907	1.4500e-003	0.1922	0.0506	1.3300e-003	0.0519		198.3557	198.3557	9.0100e-003		198.5810
Total	**0.1247**	**0.0851**	**1.0450**	**2.0000e-003**	**0.1907**	**1.4500e-003**	**0.1922**	**0.0506**	**1.3300e-003**	**0.0519**		**198.3557**	**198.3557**	**9.0100e-003**		**198.5810**

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**		**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6330	20.0260	3.6268	0.0576	1.4439	0.0707	1.5146	0.4156	0.0677	0.4832		6,024.4714	6,024.4714	0.4628		6,036.0422
Worker	2.9876	2.0380	25.0288	0.0478	4.5681	0.0347	4.6027	1.2116	0.0320	1.2435		4,750.6187	4,750.6187	0.2158		4,756.0142
Total	**3.6206**	**22.0640**	**28.6555**	**0.1054**	**6.0120**	**0.1054**	**6.1173**	**1.6271**	**0.0996**	**1.7268**		**10,775.0901**	**10,775.0901**	**0.6787**		**10,792.0564**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**	**0.0000**	**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.4 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6330	20.0260	3.6268	0.0576	1.4439	0.0707	1.5146	0.4156	0.0677	0.4832		6,024.4714	6,024.4714	0.4628		6,036.0422
Worker	2.9876	2.0380	25.0288	0.0478	4.5681	0.0347	4.6027	1.2116	0.0320	1.2435		4,750.6187	4,750.6187	0.2158		4,756.0142
Total	**3.6206**	**22.0640**	**28.6555**	**0.1054**	**6.0120**	**0.1054**	**6.1173**	**1.6271**	**0.0996**	**1.7268**		**10,775.0901**	**10,775.0901**	**0.6787**		**10,792.0564**

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.4 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5853	18.8302	3.3100	0.0571	1.4439	0.0614	1.5053	0.4156	0.0587	0.4743		5,975.7954	5,975.7954	0.4471		5,986.9721
Worker	2.7725	1.8270	22.7127	0.0461	4.5681	0.0333	4.6014	1.2116	0.0307	1.2423		4,585.7806	4,585.7806	0.1921		4,590.5837
Total	**3.3578**	**20.6572**	**26.0227**	**0.1033**	**6.0120**	**0.0947**	**6.1066**	**1.6271**	**0.0894**	**1.7166**		**10,561.5759**	**10,561.5759**	**0.6392**		**10,577.5558**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.4 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5853	18.8302	3.3100	0.0571	1.4439	0.0614	1.5053	0.4156	0.0587	0.4743		5,975.7954	5,975.7954	0.4471		5,986.9721
Worker	2.7725	1.8270	22.7127	0.0461	4.5681	0.0333	4.6014	1.2116	0.0307	1.2423		4,585.7806	4,585.7806	0.1921		4,590.5837
Total	**3.3578**	**20.6572**	**26.0227**	**0.1033**	**6.0120**	**0.0947**	**6.1066**	**1.6271**	**0.0894**	**1.7166**		**10,561.5759**	**10,561.5759**	**0.6392**		**10,577.5558**

3.4 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**

3.4 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4302	15.1401	2.7835	0.0562	1.4439	0.0254	1.4693	0.4156	0.0243	0.4399		5,877.3971	5,877.3971	0.3175		5,885.3336
Worker	2.5675	1.6321	20.4226	0.0444	4.5681	0.0319	4.6000	1.2116	0.0294	1.2410		4,417.6286	4,417.6286	0.1691		4,421.8561
Total	**2.9977**	**16.7722**	**23.2060**	**0.1006**	**6.0120**	**0.0573**	**6.0693**	**1.6272**	**0.0537**	**1.6809**		**10,295.0257**	**10,295.0257**	**0.4866**		**10,307.1898**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0000	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**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.4 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4302	15.1401	2.7835	0.0562	1.4439	0.0254	1.4693	0.4156	0.0243	0.4399		5,877.3971	5,877.3971	0.3175		5,885.3336
Worker	2.5675	1.6321	20.4226	0.0444	4.5681	0.0319	4.6000	1.2116	0.0294	1.2410		4,417.6286	4,417.6286	0.1691		4,421.8561
Total	**2.9977**	**16.7722**	**23.2060**	**0.1006**	**6.0120**	**0.0573**	**6.0693**	**1.6272**	**0.0537**	**1.6809**		**10,295.0257**	**10,295.0257**	**0.4866**		**10,307.1898**

3.4 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**

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4119	14.7973	2.6036	0.0558	1.4439	0.0239	1.4678	0.4156	0.0228	0.4384		5,836.6729	5,836.6729	0.3159		5,844.5692
Worker	2.3883	1.4641	18.6282	0.0427	4.5681	0.0306	4.5987	1.2116	0.0282	1.2398		4,248.9294	4,248.9294	0.1499		4,252.6762
Total	**2.8001**	**16.2614**	**21.2317**	**0.0985**	**6.0120**	**0.0545**	**6.0665**	**1.6272**	**0.0510**	**1.6782**		**10,085.6023**	**10,085.6023**	**0.4657**		**10,097.2454**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0000	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**	**0.0000**	**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4119	14.7973	2.6036	0.0558	1.4439	0.0239	1.4678	0.4156	0.0228	0.4384		5,836.6729	5,836.6729	0.3159		5,844.5692
Worker	2.3883	1.4641	18.6282	0.0427	4.5681	0.0306	4.5987	1.2116	0.0282	1.2398		4,248.9294	4,248.9294	0.1499		4,252.6762
Total	**2.8001**	**16.2614**	**21.2317**	**0.0985**	**6.0120**	**0.0545**	**6.0665**	**1.6272**	**0.0510**	**1.6782**		**10,085.6023**	**10,085.6023**	**0.4657**		**10,097.2454**

3.4 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**

3.4 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3974	14.4910	2.4692	0.0554	1.4439	0.0225	1.4665	0.4156	0.0215	0.4371		5,799.2348	5,799.2348	0.3106		5,807.0001
Worker	2.2389	1.3214	17.0925	0.0410	4.5681	0.0297	4.5978	1.2116	0.0274	1.2390		4,081.4327	4,081.4327	0.1342		4,084.7874
Total	**2.6363**	**15.8124**	**19.5616**	**0.0964**	**6.0120**	**0.0523**	**6.0643**	**1.6272**	**0.0489**	**1.6761**		**9,880.6675**	**9,880.6675**	**0.4448**		**9,891.7875**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0000	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**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

3.4 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3974	14.4910	2.4692	0.0554	1.4439	0.0225	1.4665	0.4156	0.0215	0.4371		5,799.2348	5,799.2348	0.3106		5,807.0001
Worker	2.2389	1.3214	17.0925	0.0410	4.5681	0.0297	4.5978	1.2116	0.0274	1.2390		4,081.4327	4,081.4327	0.1342		4,084.7874
Total	**2.6363**	**15.8124**	**19.5616**	**0.0964**	**6.0120**	**0.0523**	**6.0643**	**1.6272**	**0.0489**	**1.6761**		**9,880.6675**	**9,880.6675**	**0.4448**		**9,891.7875**

3.4 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**

3.4 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3839	14.2102	2.3521	0.0551	1.4439	0.0213	1.4653	0.4156	0.0204	0.4360		5,764.0529	5,764.0529	0.3063		5,771.7100
Worker	2.1053	1.1978	15.7533	0.0395	4.5681	0.0286	4.5966	1.2116	0.0263	1.2379		3,929.6553	3,929.6553	0.1206		3,932.6693
Total	**2.4892**	**15.4080**	**18.1054**	**0.0946**	**6.0120**	**0.0499**	**6.0619**	**1.6272**	**0.0467**	**1.6739**		**9,693.7082**	**9,693.7082**	**0.4268**		**9,704.3793**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0000	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**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

3.4 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3839	14.2102	2.3521	0.0551	1.4439	0.0213	1.4653	0.4156	0.0204	0.4360		5,764.0529	5,764.0529	0.3063		5,771.7100
Worker	2.1053	1.1978	15.7533	0.0395	4.5681	0.0286	4.5966	1.2116	0.0263	1.2379		3,929.6553	3,929.6553	0.1206		3,932.6693
Total	**2.4892**	**15.4080**	**18.1054**	**0.0946**	**6.0120**	**0.0499**	**6.0619**	**1.6272**	**0.0467**	**1.6739**		**9,693.7082**	**9,693.7082**	**0.4268**		**9,704.3793**

3.4 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**

3.4 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3721	13.9586	2.2497	0.0548	1.4439	0.0203	1.4642	0.4156	0.0194	0.4350		5,732.8592	5,732.8592	0.3001		5,740.3627
Worker	1.9725	1.0835	14.4987	0.0381	4.5681	0.0271	4.5951	1.2116	0.0249	1.2365		3,791.6367	3,791.6367	0.1078		3,794.3308
Total	**2.3446**	**15.0421**	**16.7484**	**0.0929**	**6.0120**	**0.0474**	**6.0594**	**1.6272**	**0.0443**	**1.6715**		**9,524.4959**	**9,524.4959**	**0.4079**		**9,534.6935**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0000	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**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

3.4 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3721	13.9586	2.2497	0.0548	1.4439	0.0203	1.4642	0.4156	0.0194	0.4350		5,732.8592	5,732.8592	0.3001		5,740.3627
Worker	1.9725	1.0835	14.4987	0.0381	4.5681	0.0271	4.5951	1.2116	0.0249	1.2365		3,791.6367	3,791.6367	0.1078		3,794.3308
Total	**2.3446**	**15.0421**	**16.7484**	**0.0929**	**6.0120**	**0.0474**	**6.0594**	**1.6272**	**0.0443**	**1.6715**		**9,524.4959**	**9,524.4959**	**0.4079**		**9,534.6935**

3.4 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**

3.4 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3631	13.7570	2.1781	0.0545	1.4439	0.0195	1.4634	0.4156	0.0186	0.4342		5,707.9587	5,707.9587	0.2948		5,715.3277
Worker	1.8331	0.9799	13.4149	0.0368	4.5681	0.0252	4.5932	1.2116	0.0232	1.2347		3,667.5225	3,667.5225	0.0971		3,669.9510
Total	**2.1962**	**14.7369**	**15.5930**	**0.0914**	**6.0120**	**0.0446**	**6.0566**	**1.6272**	**0.0418**	**1.6689**		**9,375.4813**	**9,375.4813**	**0.3919**		**9,385.2787**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0000	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**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

3.4 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3631	13.7570	2.1781	0.0545	1.4439	0.0195	1.4634	0.4156	0.0186	0.4342		5,707.9587	5,707.9587	0.2948		5,715.3277
Worker	1.8331	0.9799	13.4149	0.0368	4.5681	0.0252	4.5932	1.2116	0.0232	1.2347		3,667.5225	3,667.5225	0.0971		3,669.9510
Total	**2.1962**	**14.7369**	**15.5930**	**0.0914**	**6.0120**	**0.0446**	**6.0566**	**1.6272**	**0.0418**	**1.6689**		**9,375.4813**	**9,375.4813**	**0.3919**		**9,385.2787**

3.4 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**

3.4 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3550	13.5773	2.1126	0.0543	1.4439	0.0187	1.4626	0.4156	0.0179	0.4335		5,686.4622	5,686.4622	0.2899		5,693.7092
Worker	1.6815	0.8813	12.3458	0.0357	4.5681	0.0234	4.5915	1.2116	0.0215	1.2331		3,556.0720	3,556.0720	0.0865		3,558.2354
Total	**2.0364**	**14.4586**	**14.4584**	**0.0900**	**6.0120**	**0.0421**	**6.0541**	**1.6272**	**0.0394**	**1.6666**		**9,242.5342**	**9,242.5342**	**0.3764**		**9,251.9446**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0000	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**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

3.4 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3550	13.5773	2.1126	0.0543	1.4439	0.0187	1.4626	0.4156	0.0179	0.4335		5,686.4622	5,686.4622	0.2899		5,693.7092
Worker	1.6815	0.8813	12.3458	0.0357	4.5681	0.0234	4.5915	1.2116	0.0215	1.2331		3,556.0720	3,556.0720	0.0865		3,558.2354
Total	**2.0364**	**14.4586**	**14.4584**	**0.0900**	**6.0120**	**0.0421**	**6.0541**	**1.6272**	**0.0394**	**1.6666**		**9,242.5342**	**9,242.5342**	**0.3764**		**9,251.9446**

3.4 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**

3.4 Building Construction - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3481	13.4236	2.0585	0.0542	1.4439	0.0180	1.4619	0.4156	0.0172	0.4328		5,669.2681	5,669.2681	0.2848		5,676.3891
Worker	1.5266	0.7874	11.3675	0.0347	4.5681	0.0218	4.5898	1.2116	0.0200	1.2316		3,456.5633	3,456.5633	0.0769		3,458.4862
Total	**1.8747**	**14.2110**	**13.4260**	**0.0888**	**6.0120**	**0.0398**	**6.0518**	**1.6272**	**0.0373**	**1.6644**		**9,125.8314**	**9,125.8314**	**0.3618**		**9,134.8752**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0000	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**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

3.4 Building Construction - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3481	13.4236	2.0585	0.0542	1.4439	0.0180	1.4619	0.4156	0.0172	0.4328		5,669.2681	5,669.2681	0.2848		5,676.3891
Worker	1.5266	0.7874	11.3675	0.0347	4.5681	0.0218	4.5898	1.2116	0.0200	1.2316		3,456.5633	3,456.5633	0.0769		3,458.4862
Total	**1.8747**	**14.2110**	**13.4260**	**0.0888**	**6.0120**	**0.0398**	**6.0518**	**1.6272**	**0.0373**	**1.6644**		**9,125.8314**	**9,125.8314**	**0.3618**		**9,134.8752**

3.4 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**

3.4 Building Construction - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3425	13.2897	2.0167	0.0540	1.4439	0.0174	1.4614	0.4156	0.0167	0.4323		5,655.6592	5,655.6592	0.2795		5,662.6476
Worker	1.3559	0.6934	10.3901	0.0338	4.5681	0.0202	4.5882	1.2116	0.0186	1.2301		3,368.1637	3,368.1637	0.0674		3,369.8485
Total	**1.6984**	**13.9830**	**12.4067**	**0.0878**	**6.0120**	**0.0376**	**6.0496**	**1.6272**	**0.0352**	**1.6624**		**9,023.8229**	**9,023.8229**	**0.3469**		**9,032.4961**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0000	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**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

3.4 Building Construction - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3425	13.2897	2.0167	0.0540	1.4439	0.0174	1.4614	0.4156	0.0167	0.4323		5,655.6592	5,655.6592	0.2795		5,662.6476
Worker	1.3559	0.6934	10.3901	0.0338	4.5681	0.0202	4.5882	1.2116	0.0186	1.2301		3,368.1637	3,368.1637	0.0674		3,369.8485
Total	**1.6984**	**13.9830**	**12.4067**	**0.0878**	**6.0120**	**0.0376**	**6.0496**	**1.6272**	**0.0352**	**1.6624**		**9,023.8229**	**9,023.8229**	**0.3469**		**9,032.4961**

3.4 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**

3.4 Building Construction - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3380	13.1720	1.9855	0.0539	1.4439	0.0169	1.4608	0.4156	0.0162	0.4318		5,646.2838	5,646.2838	0.2755		5,653.1712
Worker	1.2280	0.6222	9.6309	0.0330	4.5681	0.0188	4.5868	1.2116	0.0173	1.2288		3,291.1267	3,291.1267	0.0601		3,292.6293
Total	**1.5660**	**13.7942**	**11.6163**	**0.0869**	**6.0120**	**0.0357**	**6.0477**	**1.6272**	**0.0334**	**1.6606**		**8,937.4105**	**8,937.4105**	**0.3356**		**8,945.8005**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0000	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**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

3.4 Building Construction - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3380	13.1720	1.9855	0.0539	1.4439	0.0169	1.4608	0.4156	0.0162	0.4318		5,646.2838	5,646.2838	0.2755		5,653.1712
Worker	1.2280	0.6222	9.6309	0.0330	4.5681	0.0188	4.5868	1.2116	0.0173	1.2288		3,291.1267	3,291.1267	0.0601		3,292.6293
Total	**1.5660**	**13.7942**	**11.6163**	**0.0869**	**6.0120**	**0.0357**	**6.0477**	**1.6272**	**0.0334**	**1.6606**		**8,937.4105**	**8,937.4105**	**0.3356**		**8,945.8005**

3.4 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**

3.4 Building Construction - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3341	13.0680	1.9585	0.0539	1.4439	0.0164	1.4604	0.4156	0.0157	0.4313		5,639.4174	5,639.4174	0.2726		5,646.2333
Worker	1.1088	0.5582	8.9519	0.0323	4.5681	0.0174	4.5855	1.2116	0.0160	1.2276		3,223.6887	3,223.6887	0.0536		3,225.0291
Total	**1.4429**	**13.6262**	**10.9104**	**0.0862**	**6.0120**	**0.0339**	**6.0459**	**1.6272**	**0.0317**	**1.6589**		**8,863.1061**	**8,863.1061**	**0.3263**		**8,871.2624**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0000	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**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

3.4 Building Construction - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3341	13.0680	1.9585	0.0539	1.4439	0.0164	1.4604	0.4156	0.0157	0.4313		5,639.4174	5,639.4174	0.2726		5,646.2333
Worker	1.1088	0.5582	8.9519	0.0323	4.5681	0.0174	4.5855	1.2116	0.0160	1.2276		3,223.6887	3,223.6887	0.0536		3,225.0291
Total	**1.4429**	**13.6262**	**10.9104**	**0.0862**	**6.0120**	**0.0339**	**6.0459**	**1.6272**	**0.0317**	**1.6589**		**8,863.1061**	**8,863.1061**	**0.3263**		**8,871.2624**

3.4 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**

3.4 Building Construction - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3309	12.9778	1.9362	0.0538	1.4439	0.0160	1.4599	0.4156	0.0153	0.4309		5,634.6262	5,634.6262	0.2698		5,641.3701
Worker	1.0065	0.5058	8.3231	0.0317	4.5681	0.0162	4.5843	1.2116	0.0149	1.2265		3,164.9425	3,164.9425	0.0477		3,166.1340
Total	**1.3374**	**13.4836**	**10.2593**	**0.0856**	**6.0120**	**0.0322**	**6.0442**	**1.6272**	**0.0302**	**1.6574**		**8,799.5687**	**8,799.5687**	**0.3174**		**8,807.5041**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	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**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

3.4 Building Construction - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3309	12.9778	1.9362	0.0538	1.4439	0.0160	1.4599	0.4156	0.0153	0.4309		5,634.6262	5,634.6262	0.2698		5,641.3701
Worker	1.0065	0.5058	8.3231	0.0317	4.5681	0.0162	4.5843	1.2116	0.0149	1.2265		3,164.9425	3,164.9425	0.0477		3,166.1340
Total	**1.3374**	**13.4836**	**10.2593**	**0.0856**	**6.0120**	**0.0322**	**6.0442**	**1.6272**	**0.0302**	**1.6574**		**8,799.5687**	**8,799.5687**	**0.3174**		**8,807.5041**

3.4 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**

3.4 Building Construction - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0000	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**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

3.4 Building Construction - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

3.4 Building Construction - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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**

3.4 Building Construction - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0000	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**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

3.4 Building Construction - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

3.4 Building Construction - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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**

3.4 Building Construction - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0000	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**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

3.4 Building Construction - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

3.4 Building Construction - 2038

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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**

3.4 Building Construction - 2038

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0000	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**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

3.4 Building Construction - 2038

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

3.4 Building Construction - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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**

3.4 Building Construction - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0000	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**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

3.4 Building Construction - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

3.5 Paving - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**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**

3.5 Paving - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0290	0.0146	0.2449	9.8000e-004	0.1431	4.7000e-004	0.1435	0.0379	4.4000e-004	0.0384		97.5416	97.5416	1.3400e-003		97.5752
Total	**0.0290**	**0.0146**	**0.2449**	**9.8000e-004**	**0.1431**	**4.7000e-004**	**0.1435**	**0.0379**	**4.4000e-004**	**0.0384**		**97.5416**	**97.5416**	**1.3400e-003**		**97.5752**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0000	2,656.5168	2,656.5168	0.1022		2,659.0726
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1405**	**4.8761**	**15.8203**	**0.0281**		**0.1874**	**0.1874**		**0.1874**	**0.1874**	**0.0000**	**2,656.5168**	**2,656.5168**	**0.1022**		**2,659.0726**

3.5 Paving - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0290	0.0146	0.2449	9.8000e-004	0.1431	4.7000e-004	0.1435	0.0379	4.4000e-004	0.0384		97.5416	97.5416	1.3400e-003		97.5752
Total	**0.0290**	**0.0146**	**0.2449**	**9.8000e-004**	**0.1431**	**4.7000e-004**	**0.1435**	**0.0379**	**4.4000e-004**	**0.0384**		**97.5416**	**97.5416**	**1.3400e-003**		**97.5752**

3.5 Paving - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0112**	**3.6566**	**15.8177**	**0.0281**		**0.1164**	**0.1164**		**0.1164**	**0.1164**		**2,656.5168**	**2,656.5168**	**0.0893**		**2,658.7489**

3.5 Paving - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0204	0.0109	0.1984	9.3000e-004	0.1431	3.6000e-004	0.1434	0.0379	3.3000e-004	0.0383		92.7145	92.7145	9.2000e-004		92.7376
Total	**0.0204**	**0.0109**	**0.1984**	**9.3000e-004**	**0.1431**	**3.6000e-004**	**0.1434**	**0.0379**	**3.3000e-004**	**0.0383**		**92.7145**	**92.7145**	**9.2000e-004**		**92.7376**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0112**	**3.6566**	**15.8177**	**0.0281**		**0.1164**	**0.1164**		**0.1164**	**0.1164**	**0.0000**	**2,656.5168**	**2,656.5168**	**0.0893**		**2,658.7489**

3.5 Paving - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0204	0.0109	0.1984	9.3000e-004	0.1431	3.6000e-004	0.1434	0.0379	3.3000e-004	0.0383		92.7145	92.7145	9.2000e-004		92.7376
Total	**0.0204**	**0.0109**	**0.1984**	**9.3000e-004**	**0.1431**	**3.6000e-004**	**0.1434**	**0.0379**	**3.3000e-004**	**0.0383**		**92.7145**	**92.7145**	**9.2000e-004**		**92.7376**

3.6 Architectural Coating - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	80.0262					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	**80.1411**	**0.7270**	**1.7923**	**2.9700e-003**		**7.4300e-003**	**7.4300e-003**		**7.4300e-003**	**7.4300e-003**		**281.4481**	**281.4481**	**9.9000e-003**		**281.6957**

3.6 Architectural Coating - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1304	0.0699	1.2698	5.9400e-003	0.9155	2.2800e-003	0.9178	0.2428	2.1000e-003	0.2449		593.3730	593.3730	5.8900e-003		593.5203
Total	**0.1304**	**0.0699**	**1.2698**	**5.9400e-003**	**0.9155**	**2.2800e-003**	**0.9178**	**0.2428**	**2.1000e-003**	**0.2449**		**593.3730**	**593.3730**	**5.8900e-003**		**593.5203**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	80.0262					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	**80.1411**	**0.7270**	**1.7923**	**2.9700e-003**		**7.4300e-003**	**7.4300e-003**		**7.4300e-003**	**7.4300e-003**	**0.0000**	**281.4481**	**281.4481**	**9.9000e-003**		**281.6957**

3.6 Architectural Coating - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1304	0.0699	1.2698	5.9400e-003	0.9155	2.2800e-003	0.9178	0.2428	2.1000e-003	0.2449		593.3730	593.3730	5.8900e-003		593.5203
Total	**0.1304**	**0.0699**	**1.2698**	**5.9400e-003**	**0.9155**	**2.2800e-003**	**0.9178**	**0.2428**	**2.1000e-003**	**0.2449**		**593.3730**	**593.3730**	**5.8900e-003**		**593.5203**

3.6 Architectural Coating - 2041

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	80.0262					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	**80.1411**	**0.7270**	**1.7923**	**2.9700e-003**		**7.4300e-003**	**7.4300e-003**		**7.4300e-003**	**7.4300e-003**		**281.4481**	**281.4481**	**9.9000e-003**		**281.6957**

3.6 Architectural Coating - 2041

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1304	0.0699	1.2698	5.9400e-003	0.9155	2.2800e-003	0.9178	0.2428	2.1000e-003	0.2449		593.3730	593.3730	5.8900e-003		593.5203
Total	**0.1304**	**0.0699**	**1.2698**	**5.9400e-003**	**0.9155**	**2.2800e-003**	**0.9178**	**0.2428**	**2.1000e-003**	**0.2449**		**593.3730**	**593.3730**	**5.8900e-003**		**593.5203**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	80.0262					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	**80.1411**	**0.7270**	**1.7923**	**2.9700e-003**		**7.4300e-003**	**7.4300e-003**		**7.4300e-003**	**7.4300e-003**	**0.0000**	**281.4481**	**281.4481**	**9.9000e-003**		**281.6957**

3.6 Architectural Coating - 2041

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1304	0.0699	1.2698	5.9400e-003	0.9155	2.2800e-003	0.9178	0.2428	2.1000e-003	0.2449		593.3730	593.3730	5.8900e-003		593.5203
Total	**0.1304**	**0.0699**	**1.2698**	**5.9400e-003**	**0.9155**	**2.2800e-003**	**0.9178**	**0.2428**	**2.1000e-003**	**0.2449**		**593.3730**	**593.3730**	**5.8900e-003**		**593.5203**

3.6 Architectural Coating - 2042

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	80.0262					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	**80.1411**	**0.7270**	**1.7923**	**2.9700e-003**		**7.4300e-003**	**7.4300e-003**		**7.4300e-003**	**7.4300e-003**		**281.4481**	**281.4481**	**9.9000e-003**		**281.6957**

3.6 Architectural Coating - 2042

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1304	0.0699	1.2698	5.9400e-003	0.9155	2.2800e-003	0.9178	0.2428	2.1000e-003	0.2449		593.3730	593.3730	5.8900e-003		593.5203
Total	**0.1304**	**0.0699**	**1.2698**	**5.9400e-003**	**0.9155**	**2.2800e-003**	**0.9178**	**0.2428**	**2.1000e-003**	**0.2449**		**593.3730**	**593.3730**	**5.8900e-003**		**593.5203**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	80.0262					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	**80.1411**	**0.7270**	**1.7923**	**2.9700e-003**		**7.4300e-003**	**7.4300e-003**		**7.4300e-003**	**7.4300e-003**	**0.0000**	**281.4481**	**281.4481**	**9.9000e-003**		**281.6957**

3.6 Architectural Coating - 2042

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1304	0.0699	1.2698	5.9400e-003	0.9155	2.2800e-003	0.9178	0.2428	2.1000e-003	0.2449		593.3730	593.3730	5.8900e-003		593.5203
Total	**0.1304**	**0.0699**	**1.2698**	**5.9400e-003**	**0.9155**	**2.2800e-003**	**0.9178**	**0.2428**	**2.1000e-003**	**0.2449**		**593.3730**	**593.3730**	**5.8900e-003**		**593.5203**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	23.3176	51.5898	190.7886	0.7086	84.8333	0.5268	85.3601	22.6838	0.4930	23.1768		71,334.5451	71,334.5451	1.8627		71,381.1116
Unmitigated	23.3176	51.5898	190.7886	0.7086	84.8333	0.5268	85.3601	22.6838	0.4930	23.1768		71,334.5451	71,334.5451	1.8627		71,381.1116

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	1,158.01	1,251.21	1060.15	3,186,535	3,186,535
Medical Office Building	6,888.00	1,707.65	295.20	10,189,680	10,189,680
Single Family Housing	3,977.12	4,136.58	3597.23	10,863,568	10,863,568
Strip Mall	7,615.20	7,264.80	3530.40	10,751,895	10,751,895
Total	19,638.33	14,360.24	8,482.98	34,991,678	34,991,678

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 Low Rise	10.51	7.30	7.50	35.00	17.00	48.00	86	11	3
Medical Office Building	9.50	7.30	7.30	29.60	51.40	19.00	60	30	10
Single Family Housing	10.51	7.30	7.50	35.00	17.00	48.00	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.560217	0.037268	0.196049	0.130788	0.044300	0.003426	0.018589	0.001200	0.001370	0.000987	0.004303	0.001016	0.000487
Medical Office Building	0.560217	0.037268	0.196049	0.130788	0.044300	0.003426	0.018589	0.001200	0.001370	0.000987	0.004303	0.001016	0.000487
Single Family Housing	0.560217	0.037268	0.196049	0.130788	0.044300	0.003426	0.018589	0.001200	0.001370	0.000987	0.004303	0.001016	0.000487
Strip Mall	0.560217	0.037268	0.196049	0.130788	0.044300	0.003426	0.018589	0.001200	0.001370	0.000987	0.004303	0.001016	0.000487

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.6145	5.3360	2.8543	0.0335		0.4246	0.4246		0.4246	0.4246		6,704.0009	6,704.0009	0.1285	0.1229	6,743.8394
NaturalGas Unmitigated	0.6145	5.3360	2.8543	0.0335		0.4246	0.4246		0.4246	0.4246		6,704.0009	6,704.0009	0.1285	0.1229	6,743.8394

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	9024.1	0.0973	0.8316	0.3539	5.3100e-003		0.0672	0.0672		0.0672	0.0672		1,061.6584	1,061.6584	0.0204	0.0195	1,067.9673
Medical Office Building	7329.45	0.0790	0.7186	0.6036	4.3100e-003		0.0546	0.0546		0.0546	0.0546		862.2885	862.2885	0.0165	0.0158	867.4126
Single Family Housing	33594.8	0.3623	3.0960	1.3174	0.0198		0.2503	0.2503		0.2503	0.2503		3,952.3344	3,952.3344	0.0758	0.0725	3,975.8212
Strip Mall	7035.62	0.0759	0.6898	0.5794	4.1400e-003		0.0524	0.0524		0.0524	0.0524		827.7196	827.7196	0.0159	0.0152	832.6383
Total		**0.6145**	**5.3360**	**2.8543**	**0.0335**		**0.4246**	**0.4246**		**0.4246**	**0.4246**		**6,704.0009**	**6,704.0009**	**0.1285**	**0.1229**	**6,743.8394**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	9.0241	0.0973	0.8316	0.3539	5.3100e-003		0.0672	0.0672		0.0672	0.0672		1,061.6584	1,061.6584	0.0204	0.0195	1,067.9673
Medical Office Building	7.32945	0.0790	0.7186	0.6036	4.3100e-003		0.0546	0.0546		0.0546	0.0546		862.2885	862.2885	0.0165	0.0158	867.4126
Single Family Housing	33.5948	0.3623	3.0960	1.3174	0.0198		0.2503	0.2503		0.2503	0.2503		3,952.3344	3,952.3344	0.0758	0.0725	3,975.8212
Strip Mall	7.03562	0.0759	0.6898	0.5794	4.1400e-003		0.0524	0.0524		0.0524	0.0524		827.7196	827.7196	0.0159	0.0152	832.6383
Total		**0.6145**	**5.3360**	**2.8543**	**0.0335**		**0.4246**	**0.4246**		**0.4246**	**0.4246**		**6,704.0009**	**6,704.0009**	**0.1285**	**0.1229**	**6,743.8394**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	36.9468	3.0405	58.7678	0.0182		0.5133	0.5133		0.5133	0.5133	0.0000	3,135.3693	3,135.3693	0.1576	0.0556	3,155.8691
Unmitigated	36.9468	3.0405	58.7678	0.0182		0.5133	0.5133		0.5133	0.5133	0.0000	3,135.3693	3,135.3693	0.1576	0.0556	3,155.8691

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	7.2353					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	27.7040					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.2778	2.3743	1.0103	0.0152		0.1920	0.1920		0.1920	0.1920	0.0000	3,030.9882	3,030.9882	0.0581	0.0556	3,048.9999
Landscaping	1.7297	0.6662	57.7575	3.0600e-003		0.3213	0.3213		0.3213	0.3213		104.3811	104.3811	0.0995		106.8692
Total	**36.9468**	**3.0405**	**58.7678**	**0.0182**		**0.5133**	**0.5133**		**0.5133**	**0.5133**	**0.0000**	**3,135.3693**	**3,135.3693**	**0.1576**	**0.0556**	**3,155.8691**

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	7.2353					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	27.7040					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.2778	2.3743	1.0103	0.0152		0.1920	0.1920		0.1920	0.1920	0.0000	3,030.9882	3,030.9882	0.0581	0.0556	3,048.9999
Landscaping	1.7297	0.6662	57.7575	3.0600e-003		0.3213	0.3213		0.3213	0.3213		104.3811	104.3811	0.0995		106.8692
Total	**36.9468**	**3.0405**	**58.7678**	**0.0182**		**0.5133**	**0.5133**		**0.5133**	**0.5133**	**0.0000**	**3,135.3693**	**3,135.3693**	**0.1576**	**0.0556**	**3,155.8691**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

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

Mitigated Emissions

Stonegate, Chico - Construction and Operation

Butte County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	205.00	1000sqft	0.00	205,000.00	0
Apartments Low Rise	233.00	Dwelling Unit	0.00	233,000.00	576
Single Family Housing	469.00	Dwelling Unit	204.80	844,200.00	1158
Strip Mall	240.00	1000sqft	0.00	240,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	71
Climate Zone	3			**Operational Year**	2035
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	290	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Using the 2020 PG&E CO2 rate

Land Use - Land uses from traffic report, acreage from PD (313) less open space (108.2) = 204.8ac. 2.47 persons per household per US Census (1,734 total pop).

Construction Phase - default

Trips and VMT -

Grading -

Architectural Coating - 50 g/L Low VOC for mitigation

Vehicle Trips - Trip rates from project traffic report incl trip reductions. Trip lengths based on ACS data and statewide averages for urban trips.

Woodstoves - No woodstoves or wood fireplaces, up to 25% gas-powered fireplaces in SFR only.

Energy Use -

Construction Off-road Equipment Mitigation - Tier 4 engines for equip

Mobile Land Use Mitigation -

Energy Mitigation - energy-efficient appliances

Fleet Mix - Chico-specific traffic mix data

Consumer Products - 2012 CARB Almanac emissions data

Solid Waste - Per county data (B. Mannel, 2014) the Neal Road Landfill captures at least 90% methane

Area Coating - 150 g/L Rule 230

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaCoating	Area_EF_Nonresidential_Interior	250	150
tblAreaCoating	Area_EF_Parking	250	150
tblAreaCoating	Area_EF_Residential_Exterior	250	150

tblAreaCoating	Area_EF_Residential_Interior	250	150
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
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	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

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tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConsumerProducts	ROG_EF	2.14E-05	1.82E-05
tblFireplaces	FireplaceWoodMass	5,158.40	0.00
tblFireplaces	FireplaceWoodMass	5,158.40	0.00
tblFireplaces	NumberGas	100.19	0.00
tblFireplaces	NumberGas	201.67	117.00
tblFireplaces	NumberNoFireplace	41.94	233.00
tblFireplaces	NumberNoFireplace	84.42	352.00
tblFireplaces	NumberWood	90.87	0.00
tblFireplaces	NumberWood	182.91	0.00
tblFleetMix	HHD	0.09	1.2000e-003
tblFleetMix	HHD	0.09	1.2000e-003
tblFleetMix	HHD	0.09	1.2000e-003
tblFleetMix	HHD	0.09	1.2000e-003
tblFleetMix	LDA	0.59	0.56
tblFleetMix	LDA	0.59	0.56
tblFleetMix	LDA	0.59	0.56
tblFleetMix	LDA	0.59	0.56
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT2	0.17	0.20
tblFleetMix	LDT2	0.17	0.20
tblFleetMix	LDT2	0.17	0.20
tblFleetMix	LDT2	0.17	0.20
tblFleetMix	LHD1	0.01	0.04

tblFleetMix	LHD1	0.01	0.04
tblFleetMix	LHD1	0.01	0.04
tblFleetMix	LHD1	0.01	0.04
tblFleetMix	MDV	0.09	0.13
tblFleetMix	MDV	0.09	0.13
tblFleetMix	MDV	0.09	0.13
tblFleetMix	MDV	0.09	0.13
tblLandUse	LotAcreage	4.71	0.00
tblLandUse	LotAcreage	14.56	0.00
tblLandUse	LotAcreage	152.27	204.80
tblLandUse	LotAcreage	5.51	0.00
tblLandUse	Population	666.00	576.00
tblLandUse	Population	1,341.00	1,158.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	290
tblSolidWaste	LandfillCaptureGasEnergyRecovery	0.00	90.00
tblSolidWaste	LandfillCaptureGasEnergyRecovery	0.00	90.00
tblSolidWaste	LandfillCaptureGasEnergyRecovery	0.00	90.00
tblSolidWaste	LandfillCaptureGasEnergyRecovery	0.00	90.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	4.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	4.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	4.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	4.00
tblVehicleTrips	CC_TL	10.52	7.30
tblVehicleTrips	CC_TL	10.52	7.30
tblVehicleTrips	CNW_TL	10.52	7.30
tblVehicleTrips	CNW_TL	10.52	7.30
tblVehicleTrips	CW_TL	10.52	9.50

tblVehicleTrips	CW_TL	10.52	9.50
tblVehicleTrips	HO_TL	7.22	7.50
tblVehicleTrips	HO_TL	7.22	7.50
tblVehicleTrips	HS_TL	7.22	7.30
tblVehicleTrips	HS_TL	7.22	7.30
tblVehicleTrips	HW_TL	12.54	10.51
tblVehicleTrips	HW_TL	12.54	10.51
tblVehicleTrips	ST_TR	7.16	5.37
tblVehicleTrips	ST_TR	8.96	8.33
tblVehicleTrips	ST_TR	9.91	8.82
tblVehicleTrips	ST_TR	42.04	30.27
tblVehicleTrips	SU_TR	6.07	4.55
tblVehicleTrips	SU_TR	1.55	1.44
tblVehicleTrips	SU_TR	8.62	7.67
tblVehicleTrips	SU_TR	20.43	14.71
tblVehicleTrips	WD_TR	6.59	4.97
tblVehicleTrips	WD_TR	36.13	33.60
tblVehicleTrips	WD_TR	9.52	8.48
tblVehicleTrips	WD_TR	44.32	31.73
tblWoodstoves	NumberCatalytic	20.97	0.00
tblWoodstoves	NumberCatalytic	42.21	0.00
tblWoodstoves	NumberNoncatalytic	20.97	0.00
tblWoodstoves	NumberNoncatalytic	42.21	0.00
tblWoodstoves	WoodstoveDayYear	150.00	0.00
tblWoodstoves	WoodstoveDayYear	150.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.3383	3.4717	1.7532	3.0200e-003	1.3855	0.1818	1.5673	0.7581	0.1672	0.9253	0.0000	271.4770	271.4770	0.0828	0.0000	273.5472
2020	0.5928	6.4805	4.1661	8.0300e-003	1.5976	0.2853	1.8829	0.5992	0.2625	0.8617	0.0000	705.9499	705.9499	0.2224	0.0000	711.5086
2021	0.5732	5.9723	4.2894	9.2700e-003	1.4196	0.2455	1.6651	0.4780	0.2261	0.7042	0.0000	822.1882	822.1882	0.2220	0.0000	827.7382
2022	0.6093	4.7913	5.0607	0.0162	0.7500	0.1176	0.8676	0.2038	0.1107	0.3145	0.0000	1,485.3027	1,485.3027	0.1478	0.0000	1,488.9966
2023	0.5490	4.1062	4.7155	0.0159	0.7500	0.0985	0.8484	0.2038	0.0926	0.2964	0.0000	1,455.9959	1,455.9959	0.1288	0.0000	1,459.2156
2024	0.5178	3.9432	4.5170	0.0158	0.7557	0.0875	0.8432	0.2053	0.0823	0.2876	0.0000	1,444.4562	1,444.4562	0.1272	0.0000	1,447.6360
2025	0.4838	3.7387	4.3008	0.0155	0.7528	0.0757	0.8285	0.2046	0.0712	0.2757	0.0000	1,416.8463	1,416.8463	0.1240	0.0000	1,419.9473
2026	0.4673	3.6827	4.1364	0.0153	0.7528	0.0754	0.8282	0.2046	0.0709	0.2754	0.0000	1,396.5864	1,396.5864	0.1221	0.0000	1,399.6387
2027	0.4512	3.6319	3.9832	0.0151	0.7528	0.0751	0.8279	0.2046	0.0706	0.2751	0.0000	1,378.2282	1,378.2282	0.1200	0.0000	1,381.2281
2028	0.4326	3.5758	3.8384	0.0148	0.7500	0.0744	0.8244	0.2038	0.0700	0.2737	0.0000	1,356.8616	1,356.8616	0.1178	0.0000	1,359.8056
2029	0.4160	3.5509	3.7254	0.0147	0.7528	0.0744	0.8272	0.2046	0.0699	0.2745	0.0000	1,347.6629	1,347.6629	0.1165	0.0000	1,350.5753
2030	0.3899	2.9245	3.6184	0.0151	0.7528	0.0245	0.7774	0.2046	0.0242	0.2288	0.0000	1,375.3817	1,375.3817	0.0575	0.0000	1,376.8186
2031	0.3697	2.8927	3.5032	0.0150	0.7528	0.0243	0.7771	0.2046	0.0239	0.2285	0.0000	1,364.3109	1,364.3109	0.0558	0.0000	1,365.7061

	ROG	NOx	CO	SO2	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					
2032	0.3561	2.8773	3.4275	0.0149	0.7557	0.0241	0.7798	0.2053	0.0238	0.2291	0.0000	1,360.1415	1,360.1415	0.0547	0.0000	1,361.5101
2033	0.3395	2.8320	3.3224	0.0147	0.7500	0.0237	0.7736	0.2038	0.0234	0.2272	0.0000	1,341.7405	1,341.7405	0.0533	0.0000	1,343.0728
2034	0.3279	2.8122	3.2500	0.0147	0.7500	0.0235	0.7734	0.2038	0.0232	0.2270	0.0000	1,334.8898	1,334.8898	0.0523	0.0000	1,336.1974
2035	0.3077	2.7061	3.1990	0.0147	0.7528	0.0158	0.7687	0.2046	0.0156	0.2201	0.0000	1,334.2150	1,334.2150	0.0507	0.0000	1,335.4832
2036	0.3089	2.7165	3.2113	0.0147	0.7557	0.0159	0.7716	0.2053	0.0156	0.2210	0.0000	1,339.3270	1,339.3270	0.0509	0.0000	1,340.5999
2037	0.3077	2.7061	3.1990	0.0147	0.7528	0.0158	0.7687	0.2046	0.0156	0.2201	0.0000	1,334.2150	1,334.2150	0.0507	0.0000	1,335.4832
2038	0.3077	2.7061	3.1990	0.0147	0.7528	0.0158	0.7687	0.2046	0.0156	0.2201	0.0000	1,334.2150	1,334.2150	0.0507	0.0000	1,335.4832
2039	0.2618	2.1016	2.8682	0.0115	0.5388	0.0183	0.5570	0.1464	0.0181	0.1644	0.0000	1,039.0653	1,039.0653	0.0395	0.0000	1,040.0520
2040	0.2120	0.4701	2.0455	3.7100e-003	0.0201	0.0149	0.0350	5.3500e-003	0.0149	0.0203	0.0000	319.1277	319.1277	0.0105	0.0000	319.3892
2041	3.5113	0.1048	0.3671	1.0800e-003	0.1144	1.2700e-003	0.1157	0.0305	1.2400e-003	0.0317	0.0000	96.4744	96.4744	1.7700e-003	0.0000	96.5188
2042	0.8476	0.0253	0.0886	2.6000e-004	0.0276	3.1000e-004	0.0279	7.3500e-003	3.0000e-004	7.6500e-003	0.0000	23.2869	23.2869	4.3000e-004	0.0000	23.2976
Maximum	**3.5113**	**6.4805**	**5.0607**	**0.0162**	**1.5976**	**0.2853**	**1.8829**	**0.7581**	**0.2625**	**0.9253**	**0.0000**	**1,485.3027**	**1,485.3027**	**0.2224**	**0.0000**	**1,488.9966**

2.1 Overall Construction

Mitigated Construction

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.0618	0.9325	1.8214	3.0200e-003	0.3214	4.8300e-003	0.3263	0.1731	4.8200e-003	0.1780	0.0000	271.4766	271.4766	0.0828	0.0000	273.5469
2020	0.1431	2.4385	4.7438	8.0300e-003	0.3778	0.0129	0.3908	0.1397	0.0129	0.1526	0.0000	705.9490	705.9490	0.2224	0.0000	711.5077
2021	0.1853	2.7411	4.9839	9.2700e-003	0.4028	0.0148	0.4176	0.1301	0.0147	0.1448	0.0000	822.1875	822.1875	0.2220	0.0000	827.7374
2022	0.4568	4.1799	5.2571	0.0162	0.7500	0.0234	0.7734	0.2038	0.0227	0.2265	0.0000	1,485.3024	1,485.3024	0.1478	0.0000	1,488.9962
2023	0.4139	3.6548	4.9274	0.0159	0.7500	0.0185	0.7684	0.2038	0.0180	0.2218	0.0000	1,455.9956	1,455.9956	0.1288	0.0000	1,459.2152
2024	0.3950	3.6115	4.7406	0.0158	0.7557	0.0183	0.7740	0.2053	0.0178	0.2231	0.0000	1,444.4558	1,444.4558	0.1272	0.0000	1,447.6356
2025	0.3750	3.5354	4.5343	0.0155	0.7528	0.0179	0.7707	0.2046	0.0175	0.2220	0.0000	1,416.8460	1,416.8460	0.1240	0.0000	1,419.9469
2026	0.3585	3.4794	4.3699	0.0153	0.7528	0.0176	0.7704	0.2046	0.0172	0.2217	0.0000	1,396.5861	1,396.5861	0.1221	0.0000	1,399.6383
2027	0.3423	3.4286	4.2167	0.0151	0.7528	0.0172	0.7701	0.2046	0.0169	0.2214	0.0000	1,378.2278	1,378.2278	0.1200	0.0000	1,381.2277
2028	0.3242	3.3733	4.0710	0.0148	0.7500	0.0168	0.7668	0.2038	0.0164	0.2202	0.0000	1,356.8613	1,356.8613	0.1178	0.0000	1,359.8053
2029	0.3071	3.3476	3.9589	0.0147	0.7528	0.0166	0.7694	0.2046	0.0162	0.2208	0.0000	1,347.6625	1,347.6625	0.1165	0.0000	1,350.5750
2030	0.2887	3.3131	3.8424	0.0151	0.7528	0.0163	0.7691	0.2046	0.0159	0.2205	0.0000	1,375.3813	1,375.3813	0.0575	0.0000	1,376.8182
2031	0.2685	3.2812	3.7272	0.0150	0.7528	0.0160	0.7688	0.2046	0.0157	0.2202	0.0000	1,364.3105	1,364.3105	0.0558	0.0000	1,365.7057
2032	0.2545	3.2674	3.6524	0.0149	0.7557	0.0158	0.7715	0.2053	0.0155	0.2208	0.0000	1,360.1411	1,360.1411	0.0547	0.0000	1,361.5097
2033	0.2387	3.2191	3.5456	0.0147	0.7500	0.0154	0.7654	0.2038	0.0151	0.2189	0.0000	1,341.7401	1,341.7401	0.0533	0.0000	1,343.0724
2034	0.2271	3.1993	3.4731	0.0147	0.7500	0.0152	0.7651	0.2038	0.0149	0.2187	0.0000	1,334.8893	1,334.8893	0.0523	0.0000	1,336.1970
2035	0.2185	3.1956	3.4282	0.0147	0.7528	0.0151	0.7679	0.2046	0.0148	0.2194	0.0000	1,334.2146	1,334.2146	0.0507	0.0000	1,335.4827
2036	0.2194	3.2078	3.4413	0.0147	0.7557	0.0151	0.7708	0.2053	0.0149	0.2202	0.0000	1,339.3266	1,339.3266	0.0509	0.0000	1,340.5995

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2037	0.2185	3.1956	3.4282	0.0147	0.7528	0.0151	0.7679	0.2046	0.0148	0.2194	0.0000	1,334.2146	1,334.2146	0.0507	0.0000	1,335.4827
2038	0.2185	3.1956	3.4282	0.0147	0.7528	0.0151	0.7679	0.2046	0.0148	0.2194	0.0000	1,334.2146	1,334.2146	0.0507	0.0000	1,335.4827
2039	0.1684	2.6422	3.0860	0.0115	0.5388	0.0121	0.5509	0.1464	0.0119	0.1583	0.0000	1,039.0649	1,039.0649	0.0395	0.0000	1,040.0517
2040	0.1255	1.2850	2.2341	3.7100e-003	0.0201	4.8300e-003	0.0249	5.3500e-003	4.8300e-003	0.0102	0.0000	319.1273	319.1273	0.0105	0.0000	319.3888
2041	3.5034	0.1482	0.3723	1.0800e-003	0.1144	8.1000e-004	0.1152	0.0305	7.9000e-004	0.0312	0.0000	96.4744	96.4744	1.7700e-003	0.0000	96.5188
2042	0.8457	0.0358	0.0899	2.6000e-004	0.0276	2.0000e-004	0.0278	7.3500e-003	1.9000e-004	7.5400e-003	0.0000	23.2869	23.2869	4.3000e-004	0.0000	23.2976
Maximum	**3.5034**	**4.1799**	**5.2571**	**0.0162**	**0.7557**	**0.0234**	**0.7740**	**0.2053**	**0.0227**	**0.2265**	**0.0000**	**1,485.3024**	**1,485.3024**	**0.2224**	**0.0000**	**1,488.9962**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**23.50**	**9.24**	**-7.00**	**0.00**	**18.44**	**79.14**	**23.45**	**25.31**	**78.19**	**36.70**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	6-1-2019	8-31-2019	1.6475	0.4302
2	9-1-2019	11-30-2019	1.6299	0.4258
3	12-1-2019	2-29-2020	1.6205	0.4838
4	3-1-2020	5-31-2020	1.8033	0.6741
5	6-1-2020	8-31-2020	1.8031	0.6740
6	9-1-2020	11-30-2020	1.7838	0.6669
7	12-1-2020	2-28-2021	1.6783	0.6592
8	3-1-2021	5-31-2021	1.6693	0.6734
9	6-1-2021	8-31-2021	1.6692	0.6733
10	9-1-2021	11-30-2021	1.6314	0.7345

11	**12-1-2021**	**2-28-2022**	1.3915	1.1803
12	**3-1-2022**	**5-31-2022**	1.3654	1.1723
13	**6-1-2022**	**8-31-2022**	1.3582	1.1651
14	**9-1-2022**	**11-30-2022**	1.3576	1.1666
15	**12-1-2022**	**2-28-2023**	1.2275	1.0673
16	**3-1-2023**	**5-31-2023**	1.1790	1.0308
17	**6-1-2023**	**8-31-2023**	1.1739	1.0257
18	**9-1-2023**	**11-30-2023**	1.1713	1.0246
19	**12-1-2023**	**2-29-2024**	1.1379	1.0136
20	**3-1-2024**	**5-31-2024**	1.1211	1.0071
21	**6-1-2024**	**8-31-2024**	1.1164	1.0024
22	**9-1-2024**	**11-30-2024**	1.1135	1.0007
23	**12-1-2024**	**2-28-2025**	1.0694	0.9806
24	**3-1-2025**	**5-31-2025**	1.0651	0.9865
25	**6-1-2025**	**8-31-2025**	1.0608	0.9822
26	**9-1-2025**	**11-30-2025**	1.0578	0.9800
27	**12-1-2025**	**2-28-2026**	1.0380	0.9612
28	**3-1-2026**	**5-31-2026**	1.0467	0.9681
29	**6-1-2026**	**8-31-2026**	1.0427	0.9641
30	**9-1-2026**	**11-30-2026**	1.0392	0.9615
31	**12-1-2026**	**2-28-2027**	1.0203	0.9434
32	**3-1-2027**	**5-31-2027**	1.0296	0.9510
33	**6-1-2027**	**8-31-2027**	1.0259	0.9473
34	**9-1-2027**	**11-30-2027**	1.0220	0.9443
35	**12-1-2027**	**2-29-2028**	1.0154	0.9376
36	**3-1-2028**	**5-31-2028**	1.0144	0.9359
37	**6-1-2028**	**8-31-2028**	1.0110	0.9324

38	**9-1-2028**	**11-30-2028**	1.0068	0.9290
39	**12-1-2028**	**2-28-2029**	0.9893	0.9124
40	**3-1-2029**	**5-31-2029**	0.9998	0.9212
41	**6-1-2029**	**8-31-2029**	0.9966	0.9181
42	**9-1-2029**	**11-30-2029**	0.9920	0.9143
43	**12-1-2029**	**2-28-2030**	0.8783	0.8982
44	**3-1-2030**	**5-31-2030**	0.8352	0.9075
45	**6-1-2030**	**8-31-2030**	0.8323	0.9046
46	**9-1-2030**	**11-30-2030**	0.8290	0.9006
47	**12-1-2030**	**2-28-2031**	0.8138	0.8845
48	**3-1-2031**	**5-31-2031**	0.8217	0.8940
49	**6-1-2031**	**8-31-2031**	0.8190	0.8913
50	**9-1-2031**	**11-30-2031**	0.8154	0.8870
51	**12-1-2031**	**2-29-2032**	0.8109	0.8824
52	**3-1-2032**	**5-31-2032**	0.8110	0.8833
53	**6-1-2032**	**8-31-2032**	0.8084	0.8808
54	**9-1-2032**	**11-30-2032**	0.8047	0.8762
55	**12-1-2032**	**2-28-2033**	0.7919	0.8626
56	**3-1-2033**	**5-31-2033**	0.8013	0.8736
57	**6-1-2033**	**8-31-2033**	0.7989	0.8712
58	**9-1-2033**	**11-30-2033**	0.7949	0.8665
59	**12-1-2033**	**2-28-2034**	0.7831	0.8539
60	**3-1-2034**	**5-31-2034**	0.7930	0.8654
61	**6-1-2034**	**8-31-2034**	0.7907	0.8630
62	**9-1-2034**	**11-30-2034**	0.7867	0.8583
63	**12-1-2034**	**2-28-2035**	0.7577	0.8467
64	**3-1-2035**	**5-31-2035**	0.7580	0.8588

65	**6-1-2035**	**8-31-2035**	0.7557	0.8565
66	**9-1-2035**	**11-30-2035**	0.7519	0.8516
67	**12-1-2035**	**2-29-2036**	0.7541	0.8538
68	**3-1-2036**	**5-31-2036**	0.7580	0.8588
69	**6-1-2036**	**8-31-2036**	0.7557	0.8565
70	**9-1-2036**	**11-30-2036**	0.7519	0.8516
71	**12-1-2036**	**2-28-2037**	0.7459	0.8445
72	**3-1-2037**	**5-31-2037**	0.7580	0.8588
73	**6-1-2037**	**8-31-2037**	0.7557	0.8565
74	**9-1-2037**	**11-30-2037**	0.7519	0.8516
75	**12-1-2037**	**2-28-2038**	0.7459	0.8445
76	**3-1-2038**	**5-31-2038**	0.7580	0.8588
77	**6-1-2038**	**8-31-2038**	0.7557	0.8565
78	**9-1-2038**	**11-30-2038**	0.7519	0.8516
79	**12-1-2038**	**2-28-2039**	0.7459	0.8445
80	**3-1-2039**	**5-31-2039**	0.7580	0.8588
81	**6-1-2039**	**8-31-2039**	0.7557	0.8565
82	**9-1-2039**	**11-30-2039**	0.2938	0.4280
83	**12-1-2039**	**2-29-2040**	0.1678	0.3383
84	**3-1-2040**	**5-31-2040**	0.1544	0.3419
85	**6-1-2040**	**8-31-2040**	0.1544	0.3419
86	**9-1-2040**	**11-30-2040**	0.1528	0.3382
87	**12-1-2040**	**2-28-2041**	0.7186	0.7681
88	**3-1-2041**	**5-31-2041**	0.9108	0.9198
89	**6-1-2041**	**8-31-2041**	0.9107	0.9197
90	**9-1-2041**	**11-30-2041**	0.9010	0.9099
91	**12-1-2041**	**2-28-2042**	0.8913	0.9000

92	**3-1-2042**	**5-31-2042**	0.2773	0.2800
		Highest	1.8033	1.1803

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	6.5529	0.2380	5.2740	1.4100e-003		0.0433	0.0433		0.0433	0.0433	0.0000	214.7473	214.7473	0.0121	3.7800e-003	216.1760
Energy	0.1122	0.9738	0.5209	6.1200e-003		0.0775	0.0775		0.0775	0.0775	0.0000	2,296.9884	2,296.9884	0.1400	0.0449	2,313.8707
Mobile	2.7611	8.5849	26.8150	0.1037	12.9294	0.0836	13.0130	3.4696	0.0783	3.5478	0.0000	9,478.0646	9,478.0646	0.2590	0.0000	9,484.5401
Waste						0.0000	0.0000		0.0000	0.0000	562.0822	0.0000	562.0822	35.8700	0.0000	1,458.8328
Water						0.0000	0.0000		0.0000	0.0000	28.3114	84.0656	112.3770	2.9163	0.0704	206.2628
Total	**9.4261**	**9.7967**	**32.6099**	**0.1112**	**12.9294**	**0.2044**	**13.1338**	**3.4696**	**0.1991**	**3.6686**	**590.3937**	**12,073.8660**	**12,664.2596**	**39.1974**	**0.1191**	**13,679.6823**

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	6.5529	0.2380	5.2740	1.4100e-003		0.0433	0.0433		0.0433	0.0433	0.0000	214.7473	214.7473	0.0121	3.7800e-003	216.1760
Energy	0.1122	0.9738	0.5209	6.1200e-003		0.0775	0.0775		0.0775	0.0775	0.0000	2,283.2721	2,283.2721	0.1386	0.0446	2,300.0355
Mobile	2.7611	8.5849	26.8150	0.1037	12.9294	0.0836	13.0130	3.4696	0.0783	3.5478	0.0000	9,478.0646	9,478.0646	0.2590	0.0000	9,484.5401
Waste						0.0000	0.0000		0.0000	0.0000	562.0822	0.0000	562.0822	35.8700	0.0000	1,458.8328
Water						0.0000	0.0000		0.0000	0.0000	28.3114	84.0656	112.3770	2.9163	0.0704	206.2628
Total	**9.4261**	**9.7967**	**32.6099**	**0.1112**	**12.9294**	**0.2044**	**13.1338**	**3.4696**	**0.1991**	**3.6686**	**590.3937**	**12,060.1496**	**12,650.5433**	**39.1960**	**0.1188**	**13,665.8471**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.11**	**0.11**	**0.00**	**0.24**	**0.10**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	6/1/2019	2/7/2020	5	180	
2	Grading	Grading	2/8/2020	11/19/2021	5	465	
3	Building Construction	Building Construction	11/20/2021	9/16/2039	5	4650	
4	Paving	Paving	9/17/2039	12/21/2040	5	330	
5	Architectural Coating	Architectural Coating	12/22/2040	3/28/2042	5	330	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1162.5

Acres of Paving: 0

Residential Indoor: 2,181,330; Residential Outdoor: 727,110; Non-Residential Indoor: 667,500; Non-Residential Outdoor: 222,500; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	479.00	148.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	96.00	0.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3730	0.0000	1.3730	0.7547	0.0000	0.7547	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3295	3.4635	1.6768	2.8900e-003		0.1817	0.1817		0.1671	0.1671	0.0000	259.6820	259.6820	0.0822	0.0000	261.7360
Total	**0.3295**	**3.4635**	**1.6768**	**2.8900e-003**	**1.3730**	**0.1817**	**1.5547**	**0.7547**	**0.1671**	**0.9219**	**0.0000**	**259.6820**	**259.6820**	**0.0822**	**0.0000**	**261.7360**

3.2 Site Preparation - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.8800e-003	8.2000e-003	0.0764	1.3000e-004	0.0125	1.1000e-004	0.0126	3.3200e-003	1.0000e-004	3.4300e-003	0.0000	11.7949	11.7949	6.5000e-004	0.0000	11.8112
Total	**8.8800e-003**	**8.2000e-003**	**0.0764**	**1.3000e-004**	**0.0125**	**1.1000e-004**	**0.0126**	**3.3200e-003**	**1.0000e-004**	**3.4300e-003**	**0.0000**	**11.7949**	**11.7949**	**6.5000e-004**	**0.0000**	**11.8112**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.3089	0.0000	0.3089	0.1698	0.0000	0.1698	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0530	0.9243	1.7450	2.8900e-003		4.7200e-003	4.7200e-003		4.7200e-003	4.7200e-003	0.0000	259.6817	259.6817	0.0822	0.0000	261.7357
Total	**0.0530**	**0.9243**	**1.7450**	**2.8900e-003**	**0.3089**	**4.7200e-003**	**0.3137**	**0.1698**	**4.7200e-003**	**0.1745**	**0.0000**	**259.6817**	**259.6817**	**0.0822**	**0.0000**	**261.7357**

3.2 Site Preparation - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.8800e-003	8.2000e-003	0.0764	1.3000e-004	0.0125	1.1000e-004	0.0126	3.3200e-003	1.0000e-004	3.4300e-003	0.0000	11.7949	11.7949	6.5000e-004	0.0000	11.8112
Total	**8.8800e-003**	**8.2000e-003**	**0.0764**	**1.3000e-004**	**0.0125**	**1.1000e-004**	**0.0126**	**3.3200e-003**	**1.0000e-004**	**3.4300e-003**	**0.0000**	**11.7949**	**11.7949**	**6.5000e-004**	**0.0000**	**11.8112**

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2529	0.0000	0.2529	0.1390	0.0000	0.1390	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0571	0.5938	0.3012	5.3000e-004		0.0308	0.0308		0.0283	0.0283	0.0000	46.8030	46.8030	0.0151	0.0000	47.1814
Total	**0.0571**	**0.5938**	**0.3012**	**5.3000e-004**	**0.2529**	**0.0308**	**0.2837**	**0.1390**	**0.0283**	**0.1673**	**0.0000**	**46.8030**	**46.8030**	**0.0151**	**0.0000**	**47.1814**

3.2 Site Preparation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4600e-003	1.3200e-003	0.0122	2.0000e-005	2.3000e-003	2.0000e-005	2.3200e-003	6.1000e-004	2.0000e-005	6.3000e-004	0.0000	2.1078	2.1078	1.0000e-004	0.0000	2.1104
Total	**1.4600e-003**	**1.3200e-003**	**0.0122**	**2.0000e-005**	**2.3000e-003**	**2.0000e-005**	**2.3200e-003**	**6.1000e-004**	**2.0000e-005**	**6.3000e-004**	**0.0000**	**2.1078**	**2.1078**	**1.0000e-004**	**0.0000**	**2.1104**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0569	0.0000	0.0569	0.0313	0.0000	0.0313	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.7500e-003	0.1703	0.3214	5.3000e-004		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	46.8029	46.8029	0.0151	0.0000	47.1813
Total	**9.7500e-003**	**0.1703**	**0.3214**	**5.3000e-004**	**0.0569**	**8.7000e-004**	**0.0578**	**0.0313**	**8.7000e-004**	**0.0322**	**0.0000**	**46.8029**	**46.8029**	**0.0151**	**0.0000**	**47.1813**

3.2 Site Preparation - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4600e-003	1.3200e-003	0.0122	2.0000e-005	2.3000e-003	2.0000e-005	2.3200e-003	6.1000e-004	2.0000e-005	6.3000e-004	0.0000	2.1078	2.1078	1.0000e-004	0.0000	2.1104
Total	**1.4600e-003**	**1.3200e-003**	**0.0122**	**2.0000e-005**	**2.3000e-003**	**2.0000e-005**	**2.3200e-003**	**6.1000e-004**	**2.0000e-005**	**6.3000e-004**	**0.0000**	**2.1078**	**2.1078**	**1.0000e-004**	**0.0000**	**2.1104**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3210	0.0000	1.3210	0.4539	0.0000	0.4539	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5207	5.8731	3.7391	7.2500e-003		0.2544	0.2544		0.2340	0.2340	0.0000	637.4662	637.4662	0.2062	0.0000	642.6205
Total	**0.5207**	**5.8731**	**3.7391**	**7.2500e-003**	**1.3210**	**0.2544**	**1.5754**	**0.4539**	**0.2340**	**0.6879**	**0.0000**	**637.4662**	**637.4662**	**0.2062**	**0.0000**	**642.6205**

3.3 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0136	0.0123	0.1135	2.2000e-004	0.0214	1.8000e-004	0.0216	5.6900e-003	1.6000e-004	5.8500e-003	0.0000	19.5728	19.5728	9.4000e-004	0.0000	19.5963
Total	**0.0136**	**0.0123**	**0.1135**	**2.2000e-004**	**0.0214**	**1.8000e-004**	**0.0216**	**5.6900e-003**	**1.6000e-004**	**5.8500e-003**	**0.0000**	**19.5728**	**19.5728**	**9.4000e-004**	**0.0000**	**19.5963**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2972	0.0000	0.2972	0.1021	0.0000	0.1021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1183	2.2547	4.2965	7.2500e-003		0.0119	0.0119		0.0119	0.0119	0.0000	637.4655	637.4655	0.2062	0.0000	642.6197
Total	**0.1183**	**2.2547**	**4.2965**	**7.2500e-003**	**0.2972**	**0.0119**	**0.3091**	**0.1021**	**0.0119**	**0.1140**	**0.0000**	**637.4655**	**637.4655**	**0.2062**	**0.0000**	**642.6197**

3.3 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0136	0.0123	0.1135	2.2000e-004	0.0214	1.8000e-004	0.0216	5.6900e-003	1.6000e-004	5.8500e-003	0.0000	19.5728	19.5728	9.4000e-004	0.0000	19.5963
Total	**0.0136**	**0.0123**	**0.1135**	**2.2000e-004**	**0.0214**	**1.8000e-004**	**0.0216**	**5.6900e-003**	**1.6000e-004**	**5.8500e-003**	**0.0000**	**19.5728**	**19.5728**	**9.4000e-004**	**0.0000**	**19.5963**

3.3 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3120	0.0000	1.3120	0.4489	0.0000	0.4489	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4841	5.3592	3.5665	7.1600e-003		0.2293	0.2293		0.2110	0.2110	0.0000	629.4170	629.4170	0.2036	0.0000	634.5062
Total	**0.4841**	**5.3592**	**3.5665**	**7.1600e-003**	**1.3120**	**0.2293**	**1.5413**	**0.4489**	**0.2110**	**0.6599**	**0.0000**	**629.4170**	**629.4170**	**0.2036**	**0.0000**	**634.5062**

3.3 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0124	0.0108	0.1012	2.1000e-004	0.0211	1.7000e-004	0.0213	5.6100e-003	1.5000e-004	5.7700e-003	0.0000	18.7167	18.7167	8.3000e-004	0.0000	18.7374
Total	**0.0124**	**0.0108**	**0.1012**	**2.1000e-004**	**0.0211**	**1.7000e-004**	**0.0213**	**5.6100e-003**	**1.5000e-004**	**5.7700e-003**	**0.0000**	**18.7167**	**18.7167**	**8.3000e-004**	**0.0000**	**18.7374**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2952	0.0000	0.2952	0.1010	0.0000	0.1010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1168	2.2258	4.2415	7.1600e-003		0.0117	0.0117		0.0117	0.0117	0.0000	629.4163	629.4163	0.2036	0.0000	634.5054
Total	**0.1168**	**2.2258**	**4.2415**	**7.1600e-003**	**0.2952**	**0.0117**	**0.3069**	**0.1010**	**0.0117**	**0.1127**	**0.0000**	**629.4163**	**629.4163**	**0.2036**	**0.0000**	**634.5054**

3.3 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0124	0.0108	0.1012	2.1000e-004	0.0211	1.7000e-004	0.0213	5.6100e-003	1.5000e-004	5.7700e-003	0.0000	18.7167	18.7167	8.3000e-004	0.0000	18.7374
Total	**0.0124**	**0.0108**	**0.1012**	**2.1000e-004**	**0.0211**	**1.7000e-004**	**0.0213**	**5.6100e-003**	**1.5000e-004**	**5.7700e-003**	**0.0000**	**18.7167**	**18.7167**	**8.3000e-004**	**0.0000**	**18.7374**

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0285	0.2615	0.2486	4.0000e-004		0.0144	0.0144		0.0135	0.0135	0.0000	34.7456	34.7456	8.3800e-003	0.0000	34.9552
Total	**0.0285**	**0.2615**	**0.2486**	**4.0000e-004**		**0.0144**	**0.0144**		**0.0135**	**0.0135**	**0.0000**	**34.7456**	**34.7456**	**8.3800e-003**	**0.0000**	**34.9552**

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.6300e-003	0.3073	0.0582	8.5000e-004	0.0209	1.0800e-003	0.0220	6.0500e-003	1.0300e-003	7.0800e-003	0.0000	81.0926	81.0926	6.6500e-003	0.0000	81.2588
Worker	0.0385	0.0336	0.3149	6.5000e-004	0.0656	5.2000e-004	0.0661	0.0175	4.8000e-004	0.0179	0.0000	58.2163	58.2163	2.5700e-003	0.0000	58.2807
Total	**0.0482**	**0.3409**	**0.3731**	**1.5000e-003**	**0.0865**	**1.6000e-003**	**0.0881**	**0.0235**	**1.5100e-003**	**0.0250**	**0.0000**	**139.3089**	**139.3089**	**9.2200e-003**	**0.0000**	**139.5394**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.0000e-003	0.1637	0.2681	4.0000e-004		1.2700e-003	1.2700e-003		1.2700e-003	1.2700e-003	0.0000	34.7456	34.7456	8.3800e-003	0.0000	34.9551
Total	**8.0000e-003**	**0.1637**	**0.2681**	**4.0000e-004**		**1.2700e-003**	**1.2700e-003**		**1.2700e-003**	**1.2700e-003**	**0.0000**	**34.7456**	**34.7456**	**8.3800e-003**	**0.0000**	**34.9551**

3.4 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.6300e-003	0.3073	0.0582	8.5000e-004	0.0209	1.0800e-003	0.0220	6.0500e-003	1.0300e-003	7.0800e-003	0.0000	81.0926	81.0926	6.6500e-003	0.0000	81.2588
Worker	0.0385	0.0336	0.3149	6.5000e-004	0.0656	5.2000e-004	0.0661	0.0175	4.8000e-004	0.0179	0.0000	58.2163	58.2163	2.5700e-003	0.0000	58.2807
Total	**0.0482**	**0.3409**	**0.3731**	**1.5000e-003**	**0.0865**	**1.6000e-003**	**0.0881**	**0.0235**	**1.5100e-003**	**0.0250**	**0.0000**	**139.3089**	**139.3089**	**9.2200e-003**	**0.0000**	**139.5394**

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471
Total	**0.2218**	**2.0300**	**2.1272**	**3.5000e-003**		**0.1052**	**0.1052**		**0.0990**	**0.0990**	**0.0000**	**301.2428**	**301.2428**	**0.0722**	**0.0000**	**303.0471**

3.4 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0772	2.5006	0.4610	7.3400e-003	0.1812	8.1100e-003	0.1893	0.0524	7.7500e-003	0.0602	0.0000	697.0415	697.0415	0.0557	0.0000	698.4342
Worker	0.3103	0.2607	2.4724	5.4000e-003	0.5688	4.3300e-003	0.5731	0.1513	3.9900e-003	0.1553	0.0000	487.0184	487.0184	0.0199	0.0000	487.5154
Total	**0.3875**	**2.7613**	**2.9335**	**0.0127**	**0.7500**	**0.0124**	**0.7624**	**0.2038**	**0.0117**	**0.2155**	**0.0000**	**1,184.0599**	**1,184.0599**	**0.0756**	**0.0000**	**1,185.9496**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0694	1.4186	2.3236	3.5000e-003		0.0110	0.0110		0.0110	0.0110	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467
Total	**0.0694**	**1.4186**	**2.3236**	**3.5000e-003**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**301.2425**	**301.2425**	**0.0722**	**0.0000**	**303.0467**

3.4 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0772	2.5006	0.4610	7.3400e-003	0.1812	8.1100e-003	0.1893	0.0524	7.7500e-003	0.0602	0.0000	697.0415	697.0415	0.0557	0.0000	698.4342
Worker	0.3103	0.2607	2.4724	5.4000e-003	0.5688	4.3300e-003	0.5731	0.1513	3.9900e-003	0.1553	0.0000	487.0184	487.0184	0.0199	0.0000	487.5154
Total	**0.3875**	**2.7613**	**2.9335**	**0.0127**	**0.7500**	**0.0124**	**0.7624**	**0.2038**	**0.0117**	**0.2155**	**0.0000**	**1,184.0599**	**1,184.0599**	**0.0756**	**0.0000**	**1,185.9496**

3.4 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	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3462	301.3462	0.0717	0.0000	303.1383
Total	**0.2045**	**1.8700**	**2.1117**	**3.5000e-003**		**0.0910**	**0.0910**		**0.0856**	**0.0856**	**0.0000**	**301.3462**	**301.3462**	**0.0717**	**0.0000**	**303.1383**

3.4 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0567	2.0035	0.3853	7.2200e-003	0.1812	3.3300e-003	0.1845	0.0524	3.1900e-003	0.0556	0.0000	685.5093	685.5093	0.0396	0.0000	686.4987
Worker	0.2878	0.2326	2.2185	5.2000e-003	0.5688	4.1500e-003	0.5729	0.1513	3.8200e-003	0.1552	0.0000	469.1404	469.1404	0.0175	0.0000	469.5786
Total	**0.3446**	**2.2362**	**2.6038**	**0.0124**	**0.7500**	**7.4800e-003**	**0.7574**	**0.2038**	**7.0100e-003**	**0.2108**	**0.0000**	**1,154.6498**	**1,154.6498**	**0.0571**	**0.0000**	**1,156.0773**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0694	1.4186	2.3236	3.5000e-003		0.0110	0.0110		0.0110	0.0110	0.0000	301.3458	301.3458	0.0717	0.0000	303.1380
Total	**0.0694**	**1.4186**	**2.3236**	**3.5000e-003**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**301.3458**	**301.3458**	**0.0717**	**0.0000**	**303.1380**

3.4 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0567	2.0035	0.3853	7.2200e-003	0.1812	3.3300e-003	0.1845	0.0524	3.1900e-003	0.0556	0.0000	685.5093	685.5093	0.0396	0.0000	686.4987
Worker	0.2878	0.2326	2.2185	5.2000e-003	0.5688	4.1500e-003	0.5729	0.1513	3.8200e-003	0.1552	0.0000	469.1404	469.1404	0.0175	0.0000	469.5786
Total	**0.3446**	**2.2362**	**2.6038**	**0.0124**	**0.7500**	**7.4800e-003**	**0.7574**	**0.2038**	**7.0100e-003**	**0.2108**	**0.0000**	**1,154.6498**	**1,154.6498**	**0.0571**	**0.0000**	**1,156.0773**

3.4 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**

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0547	1.9719	0.3634	7.2300e-003	0.1826	3.1500e-003	0.1858	0.0528	3.0100e-003	0.0559	0.0000	686.0526	686.0526	0.0397	0.0000	687.0450
Worker	0.2703	0.2101	2.0357	5.0400e-003	0.5731	4.0100e-003	0.5771	0.1525	3.7000e-003	0.1562	0.0000	454.6812	454.6812	0.0157	0.0000	455.0731
Total	**0.3251**	**2.1820**	**2.3991**	**0.0123**	**0.7557**	**7.1600e-003**	**0.7629**	**0.2053**	**6.7100e-003**	**0.2121**	**0.0000**	**1,140.7338**	**1,140.7338**	**0.0554**	**0.0000**	**1,142.1181**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0699	1.4295	2.3415	3.5300e-003		0.0111	0.0111		0.0111	0.0111	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175
Total	**0.0699**	**1.4295**	**2.3415**	**3.5300e-003**		**0.0111**	**0.0111**		**0.0111**	**0.0111**	**0.0000**	**303.7220**	**303.7220**	**0.0718**	**0.0000**	**305.5175**

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0547	1.9719	0.3634	7.2300e-003	0.1826	3.1500e-003	0.1858	0.0528	3.0100e-003	0.0559	0.0000	686.0526	686.0526	0.0397	0.0000	687.0450
Worker	0.2703	0.2101	2.0357	5.0400e-003	0.5731	4.0100e-003	0.5771	0.1525	3.7000e-003	0.1562	0.0000	454.6812	454.6812	0.0157	0.0000	455.0731
Total	**0.3251**	**2.1820**	**2.3991**	**0.0123**	**0.7557**	**7.1600e-003**	**0.7629**	**0.2053**	**6.7100e-003**	**0.2121**	**0.0000**	**1,140.7338**	**1,140.7338**	**0.0554**	**0.0000**	**1,142.1181**

3.4 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**

3.4 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0526	1.9226	0.3435	7.1500e-003	0.1819	2.9700e-003	0.1849	0.0526	2.8400e-003	0.0555	0.0000	679.1039	679.1039	0.0389	0.0000	680.0763
Worker	0.2528	0.1888	1.8583	4.8200e-003	0.5709	3.8800e-003	0.5748	0.1519	3.5800e-003	0.1555	0.0000	435.0876	435.0876	0.0140	0.0000	435.4375
Total	**0.3054**	**2.1114**	**2.2018**	**0.0120**	**0.7528**	**6.8500e-003**	**0.7597**	**0.2046**	**6.4200e-003**	**0.2110**	**0.0000**	**1,114.1915**	**1,114.1915**	**0.0529**	**0.0000**	**1,115.5138**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0696	1.4240	2.3325	3.5200e-003		0.0110	0.0110		0.0110	0.0110	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	**0.0696**	**1.4240**	**2.3325**	**3.5200e-003**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**302.6545**	**302.6545**	**0.0711**	**0.0000**	**304.4331**

3.4 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0526	1.9226	0.3435	7.1500e-003	0.1819	2.9700e-003	0.1849	0.0526	2.8400e-003	0.0555	0.0000	679.1039	679.1039	0.0389	0.0000	680.0763
Worker	0.2528	0.1888	1.8583	4.8200e-003	0.5709	3.8800e-003	0.5748	0.1519	3.5800e-003	0.1555	0.0000	435.0876	435.0876	0.0140	0.0000	435.4375
Total	**0.3054**	**2.1114**	**2.2018**	**0.0120**	**0.7528**	**6.8500e-003**	**0.7597**	**0.2046**	**6.4200e-003**	**0.2110**	**0.0000**	**1,114.1915**	**1,114.1915**	**0.0529**	**0.0000**	**1,115.5138**

3.4 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**

3.4 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0509	1.8843	0.3273	7.1100e-003	0.1819	2.8100e-003	0.1847	0.0526	2.6800e-003	0.0553	0.0000	675.0413	675.0413	0.0384	0.0000	676.0005
Worker	0.2380	0.1711	1.7100	4.6400e-003	0.5709	3.7300e-003	0.5747	0.1519	3.4300e-003	0.1554	0.0000	418.8902	418.8902	0.0126	0.0000	419.2047
Total	**0.2889**	**2.0554**	**2.0374**	**0.0118**	**0.7528**	**6.5400e-003**	**0.7594**	**0.2046**	**6.1100e-003**	**0.2107**	**0.0000**	**1,093.9315**	**1,093.9315**	**0.0510**	**0.0000**	**1,095.2052**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0696	1.4240	2.3325	3.5200e-003		0.0110	0.0110		0.0110	0.0110	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	**0.0696**	**1.4240**	**2.3325**	**3.5200e-003**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**302.6545**	**302.6545**	**0.0711**	**0.0000**	**304.4331**

3.4 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0509	1.8843	0.3273	7.1100e-003	0.1819	2.8100e-003	0.1847	0.0526	2.6800e-003	0.0553	0.0000	675.0413	675.0413	0.0384	0.0000	676.0005
Worker	0.2380	0.1711	1.7100	4.6400e-003	0.5709	3.7300e-003	0.5747	0.1519	3.4300e-003	0.1554	0.0000	418.8902	418.8902	0.0126	0.0000	419.2047
Total	**0.2889**	**2.0554**	**2.0374**	**0.0118**	**0.7528**	**6.5400e-003**	**0.7594**	**0.2046**	**6.1100e-003**	**0.2107**	**0.0000**	**1,093.9315**	**1,093.9315**	**0.0510**	**0.0000**	**1,095.2052**

3.4 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**

3.4 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0493	1.8499	0.3132	7.0700e-003	0.1819	2.6700e-003	0.1846	0.0526	2.5500e-003	0.0552	0.0000	671.4328	671.4328	0.0376	0.0000	672.3728
Worker	0.2234	0.1547	1.5710	4.4700e-003	0.5709	3.5300e-003	0.5745	0.1519	3.2500e-003	0.1552	0.0000	404.1405	404.1405	0.0113	0.0000	404.4217
Total	**0.2727**	**2.0046**	**1.8842**	**0.0115**	**0.7528**	**6.2000e-003**	**0.7590**	**0.2046**	**5.8000e-003**	**0.2104**	**0.0000**	**1,075.5733**	**1,075.5733**	**0.0489**	**0.0000**	**1,076.7946**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0696	1.4240	2.3325	3.5200e-003		0.0110	0.0110		0.0110	0.0110	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	**0.0696**	**1.4240**	**2.3325**	**3.5200e-003**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**302.6545**	**302.6545**	**0.0711**	**0.0000**	**304.4331**

3.4 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0493	1.8499	0.3132	7.0700e-003	0.1819	2.6700e-003	0.1846	0.0526	2.5500e-003	0.0552	0.0000	671.4328	671.4328	0.0376	0.0000	672.3728
Worker	0.2234	0.1547	1.5710	4.4700e-003	0.5709	3.5300e-003	0.5745	0.1519	3.2500e-003	0.1552	0.0000	404.1405	404.1405	0.0113	0.0000	404.4217
Total	**0.2727**	**2.0046**	**1.8842**	**0.0115**	**0.7528**	**6.2000e-003**	**0.7590**	**0.2046**	**5.8000e-003**	**0.2104**	**0.0000**	**1,075.5733**	**1,075.5733**	**0.0489**	**0.0000**	**1,076.7946**

3.4 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**

3.4 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0480	1.8154	0.3021	7.0100e-003	0.1812	2.5500e-003	0.1838	0.0524	2.4400e-003	0.0549	0.0000	665.9979	665.9979	0.0368	0.0000	666.9177
Worker	0.2068	0.1393	1.4453	4.3100e-003	0.5688	3.2700e-003	0.5720	0.1513	3.0100e-003	0.1544	0.0000	389.3685	389.3685	0.0101	0.0000	389.6209
Total	**0.2548**	**1.9547**	**1.7474**	**0.0113**	**0.7500**	**5.8200e-003**	**0.7558**	**0.2038**	**5.4500e-003**	**0.2092**	**0.0000**	**1,055.3663**	**1,055.3663**	**0.0469**	**0.0000**	**1,056.5386**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0694	1.4186	2.3236	3.5000e-003		0.0110	0.0110		0.0110	0.0110	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667
Total	**0.0694**	**1.4186**	**2.3236**	**3.5000e-003**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**301.4949**	**301.4949**	**0.0709**	**0.0000**	**303.2667**

3.4 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0480	1.8154	0.3021	7.0100e-003	0.1812	2.5500e-003	0.1838	0.0524	2.4400e-003	0.0549	0.0000	665.9979	665.9979	0.0368	0.0000	666.9177
Worker	0.2068	0.1393	1.4453	4.3100e-003	0.5688	3.2700e-003	0.5720	0.1513	3.0100e-003	0.1544	0.0000	389.3685	389.3685	0.0101	0.0000	389.6209
Total	**0.2548**	**1.9547**	**1.7474**	**0.0113**	**0.7500**	**5.8200e-003**	**0.7558**	**0.2038**	**5.4500e-003**	**0.2092**	**0.0000**	**1,055.3663**	**1,055.3663**	**0.0469**	**0.0000**	**1,056.5386**

3.4 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**

3.4 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0471	1.7979	0.2942	7.0100e-003	0.1819	2.4500e-003	0.1844	0.0526	2.3500e-003	0.0550	0.0000	666.0764	666.0764	0.0363	0.0000	666.9846
Worker	0.1904	0.1256	1.3321	4.1900e-003	0.5709	3.0600e-003	0.5740	0.1519	2.8100e-003	0.1547	0.0000	378.9316	378.9316	9.0300e-003	0.0000	379.1572
Total	**0.2375**	**1.9236**	**1.6263**	**0.0112**	**0.7528**	**5.5100e-003**	**0.7583**	**0.2046**	**5.1600e-003**	**0.2097**	**0.0000**	**1,045.0080**	**1,045.0080**	**0.0454**	**0.0000**	**1,046.1418**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0696	1.4240	2.3325	3.5200e-003		0.0110	0.0110		0.0110	0.0110	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	**0.0696**	**1.4240**	**2.3325**	**3.5200e-003**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**302.6545**	**302.6545**	**0.0711**	**0.0000**	**304.4331**

3.4 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0471	1.7979	0.2942	7.0100e-003	0.1819	2.4500e-003	0.1844	0.0526	2.3500e-003	0.0550	0.0000	666.0764	666.0764	0.0363	0.0000	666.9846
Worker	0.1904	0.1256	1.3321	4.1900e-003	0.5709	3.0600e-003	0.5740	0.1519	2.8100e-003	0.1547	0.0000	378.9316	378.9316	9.0300e-003	0.0000	379.1572
Total	**0.2375**	**1.9236**	**1.6263**	**0.0112**	**0.7528**	**5.5100e-003**	**0.7583**	**0.2046**	**5.1600e-003**	**0.2097**	**0.0000**	**1,045.0080**	**1,045.0080**	**0.0454**	**0.0000**	**1,046.1418**

3.4 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**

3.4 Building Construction - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0462	1.7769	0.2868	6.9900e-003	0.1819	2.3700e-003	0.1843	0.0526	2.2600e-003	0.0549	0.0000	664.0829	664.0829	0.0357	0.0000	664.9753
Worker	0.1729	0.1121	1.2231	4.0700e-003	0.5709	2.8400e-003	0.5738	0.1519	2.6100e-003	0.1545	0.0000	368.2652	368.2652	8.0200e-003	0.0000	368.4656
Total	**0.2191**	**1.8891**	**1.5099**	**0.0111**	**0.7528**	**5.2100e-003**	**0.7580**	**0.2046**	**4.8700e-003**	**0.2094**	**0.0000**	**1,032.3481**	**1,032.3481**	**0.0437**	**0.0000**	**1,033.4409**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0696	1.4240	2.3325	4.0400e-003		0.0110	0.0110		0.0110	0.0110	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
Total	**0.0696**	**1.4240**	**2.3325**	**4.0400e-003**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**343.0332**	**343.0332**	**0.0138**	**0.0000**	**343.3773**

3.4 Building Construction - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0462	1.7769	0.2868	6.9900e-003	0.1819	2.3700e-003	0.1843	0.0526	2.2600e-003	0.0549	0.0000	664.0829	664.0829	0.0357	0.0000	664.9753
Worker	0.1729	0.1121	1.2231	4.0700e-003	0.5709	2.8400e-003	0.5738	0.1519	2.6100e-003	0.1545	0.0000	368.2652	368.2652	8.0200e-003	0.0000	368.4656
Total	**0.2191**	**1.8891**	**1.5099**	**0.0111**	**0.7528**	**5.2100e-003**	**0.7580**	**0.2046**	**4.8700e-003**	**0.2094**	**0.0000**	**1,032.3481**	**1,032.3481**	**0.0437**	**0.0000**	**1,033.4409**

3.4 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**

3.4 Building Construction - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0455	1.7586	0.2810	6.9800e-003	0.1819	2.2900e-003	0.1842	0.0526	2.1900e-003	0.0548	0.0000	662.5004	662.5004	0.0350	0.0000	663.3763
Worker	0.1535	0.0986	1.1137	3.9700e-003	0.5709	2.6300e-003	0.5736	0.1519	2.4200e-003	0.1543	0.0000	358.7769	358.7769	7.0100e-003	0.0000	358.9522
Total	**0.1989**	**1.8572**	**1.3947**	**0.0110**	**0.7528**	**4.9200e-003**	**0.7578**	**0.2046**	**4.6100e-003**	**0.2092**	**0.0000**	**1,021.2773**	**1,021.2773**	**0.0421**	**0.0000**	**1,022.3284**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0696	1.4240	2.3325	4.0400e-003		0.0110	0.0110		0.0110	0.0110	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
Total	**0.0696**	**1.4240**	**2.3325**	**4.0400e-003**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**343.0332**	**343.0332**	**0.0138**	**0.0000**	**343.3773**

3.4 Building Construction - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0455	1.7586	0.2810	6.9800e-003	0.1819	2.2900e-003	0.1842	0.0526	2.1900e-003	0.0548	0.0000	662.5004	662.5004	0.0350	0.0000	663.3763
Worker	0.1535	0.0986	1.1137	3.9700e-003	0.5709	2.6300e-003	0.5736	0.1519	2.4200e-003	0.1543	0.0000	358.7769	358.7769	7.0100e-003	0.0000	358.9522
Total	**0.1989**	**1.8572**	**1.3947**	**0.0110**	**0.7528**	**4.9200e-003**	**0.7578**	**0.2046**	**4.6100e-003**	**0.2092**	**0.0000**	**1,021.2773**	**1,021.2773**	**0.0421**	**0.0000**	**1,022.3284**

3.4 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**

3.4 Building Construction - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0450	1.7492	0.2777	6.9900e-003	0.1826	2.2300e-003	0.1848	0.0528	2.1300e-003	0.0550	0.0000	663.9348	663.9348	0.0347	0.0000	664.8014
Worker	0.1395	0.0887	1.0332	3.8900e-003	0.5731	2.4600e-003	0.5756	0.1525	2.2600e-003	0.1548	0.0000	351.8588	351.8588	6.2700e-003	0.0000	352.0154
Total	**0.1846**	**1.8379**	**1.3109**	**0.0109**	**0.7557**	**4.6900e-003**	**0.7604**	**0.2053**	**4.3900e-003**	**0.2097**	**0.0000**	**1,015.7936**	**1,015.7936**	**0.0409**	**0.0000**	**1,016.8168**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0699	1.4295	2.3415	4.0600e-003		0.0111	0.0111		0.0111	0.0111	0.0000	344.3475	344.3475	0.0138	0.0000	344.6929
Total	**0.0699**	**1.4295**	**2.3415**	**4.0600e-003**		**0.0111**	**0.0111**		**0.0111**	**0.0111**	**0.0000**	**344.3475**	**344.3475**	**0.0138**	**0.0000**	**344.6929**

3.4 Building Construction - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0450	1.7492	0.2777	6.9900e-003	0.1826	2.2300e-003	0.1848	0.0528	2.1300e-003	0.0550	0.0000	663.9348	663.9348	0.0347	0.0000	664.8014
Worker	0.1395	0.0887	1.0332	3.8900e-003	0.5731	2.4600e-003	0.5756	0.1525	2.2600e-003	0.1548	0.0000	351.8588	351.8588	6.2700e-003	0.0000	352.0154
Total	**0.1846**	**1.8379**	**1.3109**	**0.0109**	**0.7557**	**4.6900e-003**	**0.7604**	**0.2053**	**4.3900e-003**	**0.2097**	**0.0000**	**1,015.7936**	**1,015.7936**	**0.0409**	**0.0000**	**1,016.8168**

3.4 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**

3.4 Building Construction - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0442	1.7217	0.2719	6.9300e-003	0.1812	2.1500e-003	0.1834	0.0524	2.0500e-003	0.0545	0.0000	658.0534	658.0534	0.0340	0.0000	658.9045
Worker	0.1251	0.0789	0.9501	3.7800e-003	0.5688	2.2700e-003	0.5710	0.1513	2.0800e-003	0.1534	0.0000	341.9678	341.9678	5.5400e-003	0.0000	342.1062
Total	**0.1693**	**1.8005**	**1.2220**	**0.0107**	**0.7500**	**4.4200e-003**	**0.7544**	**0.2038**	**4.1300e-003**	**0.2079**	**0.0000**	**1,000.0212**	**1,000.0212**	**0.0396**	**0.0000**	**1,001.0107**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0694	1.4186	2.3236	4.0200e-003		0.0110	0.0110		0.0110	0.0110	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
Total	**0.0694**	**1.4186**	**2.3236**	**4.0200e-003**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**341.7189**	**341.7189**	**0.0137**	**0.0000**	**342.0617**

3.4 Building Construction - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0442	1.7217	0.2719	6.9300e-003	0.1812	2.1500e-003	0.1834	0.0524	2.0500e-003	0.0545	0.0000	658.0534	658.0534	0.0340	0.0000	658.9045
Worker	0.1251	0.0789	0.9501	3.7800e-003	0.5688	2.2700e-003	0.5710	0.1513	2.0800e-003	0.1534	0.0000	341.9678	341.9678	5.5400e-003	0.0000	342.1062
Total	**0.1693**	**1.8005**	**1.2220**	**0.0107**	**0.7500**	**4.4200e-003**	**0.7544**	**0.2038**	**4.1300e-003**	**0.2079**	**0.0000**	**1,000.0212**	**1,000.0212**	**0.0396**	**0.0000**	**1,001.0107**

3.4 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**

3.4 Building Construction - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0438	1.7093	0.2689	6.9200e-003	0.1812	2.0900e-003	0.1833	0.0524	2.0000e-003	0.0544	0.0000	657.4767	657.4767	0.0337	0.0000	658.3188
Worker	0.1139	0.0714	0.8807	3.7100e-003	0.5688	2.1100e-003	0.5709	0.1513	1.9400e-003	0.1533	0.0000	335.6937	335.6937	4.9100e-003	0.0000	335.8165
Total	**0.1577**	**1.7807**	**1.1496**	**0.0106**	**0.7500**	**4.2000e-003**	**0.7541**	**0.2038**	**3.9400e-003**	**0.2077**	**0.0000**	**993.1704**	**993.1704**	**0.0386**	**0.0000**	**994.1353**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0694	1.4186	2.3236	4.0200e-003		0.0110	0.0110		0.0110	0.0110	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
Total	**0.0694**	**1.4186**	**2.3236**	**4.0200e-003**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**341.7189**	**341.7189**	**0.0137**	**0.0000**	**342.0617**

3.4 Building Construction - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0438	1.7093	0.2689	6.9200e-003	0.1812	2.0900e-003	0.1833	0.0524	2.0000e-003	0.0544	0.0000	657.4767	657.4767	0.0337	0.0000	658.3188
Worker	0.1139	0.0714	0.8807	3.7100e-003	0.5688	2.1100e-003	0.5709	0.1513	1.9400e-003	0.1533	0.0000	335.6937	335.6937	4.9100e-003	0.0000	335.8165
Total	**0.1577**	**1.7807**	**1.1496**	**0.0106**	**0.7500**	**4.2000e-003**	**0.7541**	**0.2038**	**3.9400e-003**	**0.2077**	**0.0000**	**993.1704**	**993.1704**	**0.0386**	**0.0000**	**994.1353**

3.4 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	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	**0.1588**	**0.9346**	**2.1034**	**4.0400e-003**		**0.0118**	**0.0118**		**0.0118**	**0.0118**	**0.0000**	**343.0336**	**343.0336**	**0.0128**	**0.0000**	**343.3530**

3.4 Building Construction - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0436	1.7054	0.2673	6.9500e-003	0.1819	2.0500e-003	0.1840	0.0526	1.9600e-003	0.0546	0.0000	659.5654	659.5654	0.0335	0.0000	660.4033
Worker	0.1054	0.0662	0.8284	3.6600e-003	0.5709	1.9700e-003	0.5729	0.1519	1.8100e-003	0.1537	0.0000	331.6160	331.6160	4.4300e-003	0.0000	331.7268
Total	**0.1489**	**1.7716**	**1.0956**	**0.0106**	**0.7528**	**4.0200e-003**	**0.7569**	**0.2046**	**3.7700e-003**	**0.2083**	**0.0000**	**991.1814**	**991.1814**	**0.0379**	**0.0000**	**992.1301**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0696	1.4240	2.3325	4.0400e-003		0.0110	0.0110		0.0110	0.0110	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	**0.0696**	**1.4240**	**2.3325**	**4.0400e-003**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**343.0332**	**343.0332**	**0.0128**	**0.0000**	**343.3526**

3.4 Building Construction - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0436	1.7054	0.2673	6.9500e-003	0.1819	2.0500e-003	0.1840	0.0526	1.9600e-003	0.0546	0.0000	659.5654	659.5654	0.0335	0.0000	660.4033
Worker	0.1054	0.0662	0.8284	3.6600e-003	0.5709	1.9700e-003	0.5729	0.1519	1.8100e-003	0.1537	0.0000	331.6160	331.6160	4.4300e-003	0.0000	331.7268
Total	**0.1489**	**1.7716**	**1.0956**	**0.0106**	**0.7528**	**4.0200e-003**	**0.7569**	**0.2046**	**3.7700e-003**	**0.2083**	**0.0000**	**991.1814**	**991.1814**	**0.0379**	**0.0000**	**992.1301**

3.4 Building Construction - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3479	344.3479	0.0128	0.0000	344.6686
Total	**0.1594**	**0.9381**	**2.1114**	**4.0600e-003**		**0.0118**	**0.0118**		**0.0118**	**0.0118**	**0.0000**	**344.3479**	**344.3479**	**0.0128**	**0.0000**	**344.6686**

3.4 Building Construction - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0437	1.7119	0.2683	6.9700e-003	0.1826	2.0600e-003	0.1847	0.0528	1.9700e-003	0.0548	0.0000	662.0925	662.0925	0.0336	0.0000	662.9336
Worker	0.1058	0.0664	0.8315	3.6800e-003	0.5731	1.9800e-003	0.5751	0.1525	1.8200e-003	0.1543	0.0000	332.8866	332.8866	4.4500e-003	0.0000	332.9978
Total	**0.1495**	**1.7783**	**1.0998**	**0.0107**	**0.7557**	**4.0400e-003**	**0.7598**	**0.2053**	**3.7900e-003**	**0.2091**	**0.0000**	**994.9791**	**994.9791**	**0.0381**	**0.0000**	**995.9314**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0699	1.4295	2.3415	4.0600e-003		0.0111	0.0111		0.0111	0.0111	0.0000	344.3475	344.3475	0.0128	0.0000	344.6682
Total	**0.0699**	**1.4295**	**2.3415**	**4.0600e-003**		**0.0111**	**0.0111**		**0.0111**	**0.0111**	**0.0000**	**344.3475**	**344.3475**	**0.0128**	**0.0000**	**344.6682**

3.4 Building Construction - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0437	1.7119	0.2683	6.9700e-003	0.1826	2.0600e-003	0.1847	0.0528	1.9700e-003	0.0548	0.0000	662.0925	662.0925	0.0336	0.0000	662.9336
Worker	0.1058	0.0664	0.8315	3.6800e-003	0.5731	1.9800e-003	0.5751	0.1525	1.8200e-003	0.1543	0.0000	332.8866	332.8866	4.4500e-003	0.0000	332.9978
Total	**0.1495**	**1.7783**	**1.0998**	**0.0107**	**0.7557**	**4.0400e-003**	**0.7598**	**0.2053**	**3.7900e-003**	**0.2091**	**0.0000**	**994.9791**	**994.9791**	**0.0381**	**0.0000**	**995.9314**

3.4 Building Construction - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	**0.1588**	**0.9346**	**2.1034**	**4.0400e-003**		**0.0118**	**0.0118**		**0.0118**	**0.0118**	**0.0000**	**343.0336**	**343.0336**	**0.0128**	**0.0000**	**343.3530**

3.4 Building Construction - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0436	1.7054	0.2673	6.9500e-003	0.1819	2.0500e-003	0.1840	0.0526	1.9600e-003	0.0546	0.0000	659.5654	659.5654	0.0335	0.0000	660.4033
Worker	0.1054	0.0662	0.8284	3.6600e-003	0.5709	1.9700e-003	0.5729	0.1519	1.8100e-003	0.1537	0.0000	331.6160	331.6160	4.4300e-003	0.0000	331.7268
Total	**0.1489**	**1.7716**	**1.0956**	**0.0106**	**0.7528**	**4.0200e-003**	**0.7569**	**0.2046**	**3.7700e-003**	**0.2083**	**0.0000**	**991.1814**	**991.1814**	**0.0379**	**0.0000**	**992.1301**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0696	1.4240	2.3325	4.0400e-003		0.0110	0.0110		0.0110	0.0110	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	**0.0696**	**1.4240**	**2.3325**	**4.0400e-003**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**343.0332**	**343.0332**	**0.0128**	**0.0000**	**343.3526**

3.4 Building Construction - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0436	1.7054	0.2673	6.9500e-003	0.1819	2.0500e-003	0.1840	0.0526	1.9600e-003	0.0546	0.0000	659.5654	659.5654	0.0335	0.0000	660.4033
Worker	0.1054	0.0662	0.8284	3.6600e-003	0.5709	1.9700e-003	0.5729	0.1519	1.8100e-003	0.1537	0.0000	331.6160	331.6160	4.4300e-003	0.0000	331.7268
Total	**0.1489**	**1.7716**	**1.0956**	**0.0106**	**0.7528**	**4.0200e-003**	**0.7569**	**0.2046**	**3.7700e-003**	**0.2083**	**0.0000**	**991.1814**	**991.1814**	**0.0379**	**0.0000**	**992.1301**

3.4 Building Construction - 2038

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	**0.1588**	**0.9346**	**2.1034**	**4.0400e-003**		**0.0118**	**0.0118**		**0.0118**	**0.0118**	**0.0000**	**343.0336**	**343.0336**	**0.0128**	**0.0000**	**343.3530**

3.4 Building Construction - 2038

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0436	1.7054	0.2673	6.9500e-003	0.1819	2.0500e-003	0.1840	0.0526	1.9600e-003	0.0546	0.0000	659.5654	659.5654	0.0335	0.0000	660.4033
Worker	0.1054	0.0662	0.8284	3.6600e-003	0.5709	1.9700e-003	0.5729	0.1519	1.8100e-003	0.1537	0.0000	331.6160	331.6160	4.4300e-003	0.0000	331.7268
Total	**0.1489**	**1.7716**	**1.0956**	**0.0106**	**0.7528**	**4.0200e-003**	**0.7569**	**0.2046**	**3.7700e-003**	**0.2083**	**0.0000**	**991.1814**	**991.1814**	**0.0379**	**0.0000**	**992.1301**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0696	1.4240	2.3325	4.0400e-003		0.0110	0.0110		0.0110	0.0110	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	**0.0696**	**1.4240**	**2.3325**	**4.0400e-003**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**343.0332**	**343.0332**	**0.0128**	**0.0000**	**343.3526**

3.4 Building Construction - 2038

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0436	1.7054	0.2673	6.9500e-003	0.1819	2.0500e-003	0.1840	0.0526	1.9600e-003	0.0546	0.0000	659.5654	659.5654	0.0335	0.0000	660.4033
Worker	0.1054	0.0662	0.8284	3.6600e-003	0.5709	1.9700e-003	0.5729	0.1519	1.8100e-003	0.1537	0.0000	331.6160	331.6160	4.4300e-003	0.0000	331.7268
Total	**0.1489**	**1.7716**	**1.0956**	**0.0106**	**0.7528**	**4.0200e-003**	**0.7569**	**0.2046**	**3.7700e-003**	**0.2083**	**0.0000**	**991.1814**	**991.1814**	**0.0379**	**0.0000**	**992.1301**

3.4 Building Construction - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1126	0.6624	1.4909	2.8600e-003		8.3600e-003	8.3600e-003		8.3600e-003	8.3600e-003	0.0000	243.1464	243.1464	9.0600e-003	0.0000	243.3729
Total	**0.1126**	**0.6624**	**1.4909**	**2.8600e-003**		**8.3600e-003**	**8.3600e-003**		**8.3600e-003**	**8.3600e-003**	**0.0000**	**243.1464**	**243.1464**	**9.0600e-003**	**0.0000**	**243.3729**

3.4 Building Construction - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0309	1.2088	0.1894	4.9200e-003	0.1289	1.4600e-003	0.1304	0.0373	1.3900e-003	0.0387	0.0000	467.5081	467.5081	0.0238	0.0000	468.1019
Worker	0.0747	0.0469	0.5872	2.6000e-003	0.4047	1.4000e-003	0.4061	0.1077	1.2900e-003	0.1090	0.0000	235.0535	235.0535	3.1400e-003	0.0000	235.1321
Total	**0.1055**	**1.2557**	**0.7766**	**7.5200e-003**	**0.5336**	**2.8600e-003**	**0.5365**	**0.1450**	**2.6800e-003**	**0.1477**	**0.0000**	**702.5615**	**702.5615**	**0.0269**	**0.0000**	**703.2340**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0494	1.0094	1.6533	2.8600e-003		7.8300e-003	7.8300e-003		7.8300e-003	7.8300e-003	0.0000	243.1462	243.1462	9.0600e-003	0.0000	243.3726
Total	**0.0494**	**1.0094**	**1.6533**	**2.8600e-003**		**7.8300e-003**	**7.8300e-003**		**7.8300e-003**	**7.8300e-003**	**0.0000**	**243.1462**	**243.1462**	**9.0600e-003**	**0.0000**	**243.3726**

3.4 Building Construction - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0309	1.2088	0.1894	4.9200e-003	0.1289	1.4600e-003	0.1304	0.0373	1.3900e-003	0.0387	0.0000	467.5081	467.5081	0.0238	0.0000	468.1019
Worker	0.0747	0.0469	0.5872	2.6000e-003	0.4047	1.4000e-003	0.4061	0.1077	1.2900e-003	0.1090	0.0000	235.0535	235.0535	3.1400e-003	0.0000	235.1321
Total	**0.1055**	**1.2557**	**0.7766**	**7.5200e-003**	**0.5336**	**2.8600e-003**	**0.5365**	**0.1450**	**2.6800e-003**	**0.1477**	**0.0000**	**702.5615**	**702.5615**	**0.0269**	**0.0000**	**703.2340**

3.5 Paving - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0428	0.1829	0.5933	1.0500e-003		7.0300e-003	7.0300e-003		7.0300e-003	7.0300e-003	0.0000	90.3732	90.3732	3.4800e-003	0.0000	90.4601
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0428**	**0.1829**	**0.5933**	**1.0500e-003**		**7.0300e-003**	**7.0300e-003**		**7.0300e-003**	**7.0300e-003**	**0.0000**	**90.3732**	**90.3732**	**3.4800e-003**	**0.0000**	**90.4601**

3.5 Paving - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.5000e-004	6.0000e-004	7.4500e-003	3.0000e-005	5.1400e-003	2.0000e-005	5.1600e-003	1.3700e-003	2.0000e-005	1.3800e-003	0.0000	2.9841	2.9841	4.0000e-005	0.0000	2.9851
Total	**9.5000e-004**	**6.0000e-004**	**7.4500e-003**	**3.0000e-005**	**5.1400e-003**	**2.0000e-005**	**5.1600e-003**	**1.3700e-003**	**2.0000e-005**	**1.3800e-003**	**0.0000**	**2.9841**	**2.9841**	**4.0000e-005**	**0.0000**	**2.9851**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0125	0.3765	0.6486	1.0500e-003		1.4000e-003	1.4000e-003		1.4000e-003	1.4000e-003	0.0000	90.3731	90.3731	3.4800e-003	0.0000	90.4600
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0125**	**0.3765**	**0.6486**	**1.0500e-003**		**1.4000e-003**	**1.4000e-003**		**1.4000e-003**	**1.4000e-003**	**0.0000**	**90.3731**	**90.3731**	**3.4800e-003**	**0.0000**	**90.4600**

3.5 Paving - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.5000e-004	6.0000e-004	7.4500e-003	3.0000e-005	5.1400e-003	2.0000e-005	5.1600e-003	1.3700e-003	2.0000e-005	1.3800e-003	0.0000	2.9841	2.9841	4.0000e-005	0.0000	2.9851
Total	**9.5000e-004**	**6.0000e-004**	**7.4500e-003**	**3.0000e-005**	**5.1400e-003**	**2.0000e-005**	**5.1600e-003**	**1.3700e-003**	**2.0000e-005**	**1.3800e-003**	**0.0000**	**2.9841**	**2.9841**	**4.0000e-005**	**0.0000**	**2.9851**

3.5 Paving - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1289	0.4662	2.0168	3.5800e-003		0.0148	0.0148		0.0148	0.0148	0.0000	307.2688	307.2688	0.0103	0.0000	307.5270
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1289**	**0.4662**	**2.0168**	**3.5800e-003**		**0.0148**	**0.0148**		**0.0148**	**0.0148**	**0.0000**	**307.2688**	**307.2688**	**0.0103**	**0.0000**	**307.5270**

3.5 Paving - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3100e-003	1.5100e-003	0.0203	1.1000e-004	0.0175	5.0000e-005	0.0175	4.6500e-003	4.0000e-005	4.6900e-003	0.0000	9.6410	9.6410	9.0000e-005	0.0000	9.6433
Total	**2.3100e-003**	**1.5100e-003**	**0.0203**	**1.1000e-004**	**0.0175**	**5.0000e-005**	**0.0175**	**4.6500e-003**	**4.0000e-005**	**4.6900e-003**	**0.0000**	**9.6410**	**9.6410**	**9.0000e-005**	**0.0000**	**9.6433**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0426	1.2800	2.2052	3.5800e-003		4.7700e-003	4.7700e-003		4.7700e-003	4.7700e-003	0.0000	307.2685	307.2685	0.0103	0.0000	307.5266
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0426**	**1.2800**	**2.2052**	**3.5800e-003**		**4.7700e-003**	**4.7700e-003**		**4.7700e-003**	**4.7700e-003**	**0.0000**	**307.2685**	**307.2685**	**0.0103**	**0.0000**	**307.5266**

3.5 Paving - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3100e-003	1.5100e-003	0.0203	1.1000e-004	0.0175	5.0000e-005	0.0175	4.6500e-003	4.0000e-005	4.6900e-003	0.0000	9.6410	9.6410	9.0000e-005	0.0000	9.6433
Total	**2.3100e-003**	**1.5100e-003**	**0.0203**	**1.1000e-004**	**0.0175**	**5.0000e-005**	**0.0175**	**4.6500e-003**	**4.0000e-005**	**4.6900e-003**	**0.0000**	**9.6410**	**9.6410**	**9.0000e-005**	**0.0000**	**9.6433**

3.6 Architectural Coating - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0800					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.4000e-004	2.1800e-003	5.3800e-003	1.0000e-005		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.7660	0.7660	3.0000e-005	0.0000	0.7667
Total	**0.0804**	**2.1800e-003**	**5.3800e-003**	**1.0000e-005**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.7660**	**0.7660**	**3.0000e-005**	**0.0000**	**0.7667**

3.6 Architectural Coating - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.5000e-004	2.3000e-004	3.0600e-003	2.0000e-005	2.6300e-003	1.0000e-005	2.6400e-003	7.0000e-004	1.0000e-005	7.1000e-004	0.0000	1.4518	1.4518	1.0000e-005	0.0000	1.4522
Total	**3.5000e-004**	**2.3000e-004**	**3.0600e-003**	**2.0000e-005**	**2.6300e-003**	**1.0000e-005**	**2.6400e-003**	**7.0000e-004**	**1.0000e-005**	**7.1000e-004**	**0.0000**	**1.4518**	**1.4518**	**1.0000e-005**	**0.0000**	**1.4522**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0800					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.6000e-004	3.1800e-003	5.5000e-003	1.0000e-005		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	0.7660	0.7660	3.0000e-005	0.0000	0.7667
Total	**0.0802**	**3.1800e-003**	**5.5000e-003**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**0.7660**	**0.7660**	**3.0000e-005**	**0.0000**	**0.7667**

3.6 Architectural Coating - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.5000e-004	2.3000e-004	3.0600e-003	2.0000e-005	2.6300e-003	1.0000e-005	2.6400e-003	7.0000e-004	1.0000e-005	7.1000e-004	0.0000	1.4518	1.4518	1.0000e-005	0.0000	1.4522
Total	**3.5000e-004**	**2.3000e-004**	**3.0600e-003**	**2.0000e-005**	**2.6300e-003**	**1.0000e-005**	**2.6400e-003**	**7.0000e-004**	**1.0000e-005**	**7.1000e-004**	**0.0000**	**1.4518**	**1.4518**	**1.0000e-005**	**0.0000**	**1.4522**

3.6 Architectural Coating - 2041

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.4811					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0150	0.0949	0.2339	3.9000e-004		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004	0.0000	33.3200	33.3200	1.1700e-003	0.0000	33.3493
Total	**3.4961**	**0.0949**	**0.2339**	**3.9000e-004**		**9.7000e-004**	**9.7000e-004**		**9.7000e-004**	**9.7000e-004**	**0.0000**	**33.3200**	**33.3200**	**1.1700e-003**	**0.0000**	**33.3493**

3.6 Architectural Coating - 2041

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0151	9.8800e-003	0.1332	7.0000e-004	0.1144	3.0000e-004	0.1147	0.0305	2.7000e-004	0.0307	0.0000	63.1545	63.1545	6.0000e-004	0.0000	63.1695
Total	**0.0151**	**9.8800e-003**	**0.1332**	**7.0000e-004**	**0.1144**	**3.0000e-004**	**0.1147**	**0.0305**	**2.7000e-004**	**0.0307**	**0.0000**	**63.1545**	**63.1545**	**6.0000e-004**	**0.0000**	**63.1695**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.4811					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.1100e-003	0.1383	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.1700e-003	0.0000	33.3492
Total	**3.4883**	**0.1383**	**0.2391**	**3.9000e-004**		**5.2000e-004**	**5.2000e-004**		**5.2000e-004**	**5.2000e-004**	**0.0000**	**33.3199**	**33.3199**	**1.1700e-003**	**0.0000**	**33.3492**

3.6 Architectural Coating - 2041

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0151	9.8800e-003	0.1332	7.0000e-004	0.1144	3.0000e-004	0.1147	0.0305	2.7000e-004	0.0307	0.0000	63.1545	63.1545	6.0000e-004	0.0000	63.1695
Total	**0.0151**	**9.8800e-003**	**0.1332**	**7.0000e-004**	**0.1144**	**3.0000e-004**	**0.1147**	**0.0305**	**2.7000e-004**	**0.0307**	**0.0000**	**63.1545**	**63.1545**	**6.0000e-004**	**0.0000**	**63.1695**

3.6 Architectural Coating - 2042

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.8403					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.6200e-003	0.0229	0.0565	9.0000e-005		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	8.0428	8.0428	2.8000e-004	0.0000	8.0498
Total	**0.8439**	**0.0229**	**0.0565**	**9.0000e-005**		**2.3000e-004**	**2.3000e-004**		**2.3000e-004**	**2.3000e-004**	**0.0000**	**8.0428**	**8.0428**	**2.8000e-004**	**0.0000**	**8.0498**

3.6 Architectural Coating - 2042

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6600e-003	2.3800e-003	0.0322	1.7000e-004	0.0276	7.0000e-005	0.0277	7.3500e-003	7.0000e-005	7.4200e-003	0.0000	15.2442	15.2442	1.5000e-004	0.0000	15.2478
Total	**3.6600e-003**	**2.3800e-003**	**0.0322**	**1.7000e-004**	**0.0276**	**7.0000e-005**	**0.0277**	**7.3500e-003**	**7.0000e-005**	**7.4200e-003**	**0.0000**	**15.2442**	**15.2442**	**1.5000e-004**	**0.0000**	**15.2478**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.8403					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7200e-003	0.0334	0.0577	9.0000e-005		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	8.0427	8.0427	2.8000e-004	0.0000	8.0498
Total	**0.8420**	**0.0334**	**0.0577**	**9.0000e-005**		**1.2000e-004**	**1.2000e-004**		**1.2000e-004**	**1.2000e-004**	**0.0000**	**8.0427**	**8.0427**	**2.8000e-004**	**0.0000**	**8.0498**

3.6 Architectural Coating - 2042

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6600e-003	2.3800e-003	0.0322	1.7000e-004	0.0276	7.0000e-005	0.0277	7.3500e-003	7.0000e-005	7.4200e-003	0.0000	15.2442	15.2442	1.5000e-004	0.0000	15.2478
Total	**3.6600e-003**	**2.3800e-003**	**0.0322**	**1.7000e-004**	**0.0276**	**7.0000e-005**	**0.0277**	**7.3500e-003**	**7.0000e-005**	**7.4200e-003**	**0.0000**	**15.2442**	**15.2442**	**1.5000e-004**	**0.0000**	**15.2478**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.7611	8.5849	26.8150	0.1037	12.9294	0.0836	13.0130	3.4696	0.0783	3.5478	0.0000	9,478.0646	9,478.0646	0.2590	0.0000	9,484.5401
Unmitigated	2.7611	8.5849	26.8150	0.1037	12.9294	0.0836	13.0130	3.4696	0.0783	3.5478	0.0000	9,478.0646	9,478.0646	0.2590	0.0000	9,484.5401

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	1,158.01	1,251.21	1060.15	3,186,535	3,186,535
Medical Office Building	6,888.00	1,707.65	295.20	10,189,680	10,189,680
Single Family Housing	3,977.12	4,136.58	3597.23	10,863,568	10,863,568
Strip Mall	7,615.20	7,264.80	3530.40	10,751,895	10,751,895
Total	19,638.33	14,360.24	8,482.98	34,991,678	34,991,678

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 Low Rise	10.51	7.30	7.50	35.00	17.00	48.00	86	11	3
Medical Office Building	9.50	7.30	7.30	29.60	51.40	19.00	60	30	10
Single Family Housing	10.51	7.30	7.50	35.00	17.00	48.00	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.560217	0.037268	0.196049	0.130788	0.044300	0.003426	0.018589	0.001200	0.001370	0.000987	0.004303	0.001016	0.000487
Medical Office Building	0.560217	0.037268	0.196049	0.130788	0.044300	0.003426	0.018589	0.001200	0.001370	0.000987	0.004303	0.001016	0.000487
Single Family Housing	0.560217	0.037268	0.196049	0.130788	0.044300	0.003426	0.018589	0.001200	0.001370	0.000987	0.004303	0.001016	0.000487
Strip Mall	0.560217	0.037268	0.196049	0.130788	0.044300	0.003426	0.018589	0.001200	0.001370	0.000987	0.004303	0.001016	0.000487

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,173.3495	1,173.3495	0.1173	0.0243	1,183.5172
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,187.0659	1,187.0659	0.1187	0.0246	1,197.3524
NaturalGas Mitigated	0.1122	0.9738	0.5209	6.1200e-003		0.0775	0.0775		0.0775	0.0775	0.0000	1,109.9225	1,109.9225	0.0213	0.0204	1,116.5183
NaturalGas Unmitigated	0.1122	0.9738	0.5209	6.1200e-003		0.0775	0.0775		0.0775	0.0775	0.0000	1,109.9225	1,109.9225	0.0213	0.0204	1,116.5183

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	3.2938e+006	0.0178	0.1518	0.0646	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	175.7695	175.7695	3.3700e-003	3.2200e-003	176.8140
Medical Office Building	2.67525e+006	0.0144	0.1311	0.1102	7.9000e-004		9.9700e-003	9.9700e-003		9.9700e-003	9.9700e-003	0.0000	142.7615	142.7615	2.7400e-003	2.6200e-003	143.6099
Single Family Housing	1.22621e+007	0.0661	0.5650	0.2404	3.6100e-003		0.0457	0.0457		0.0457	0.0457	0.0000	654.3533	654.3533	0.0125	0.0120	658.2418
Strip Mall	2.568e+006	0.0139	0.1259	0.1057	7.6000e-004		9.5700e-003	9.5700e-003		9.5700e-003	9.5700e-003	0.0000	137.0383	137.0383	2.6300e-003	2.5100e-003	137.8526
Total		**0.1122**	**0.9738**	**0.5209**	**6.1300e-003**		**0.0775**	**0.0775**		**0.0775**	**0.0775**	**0.0000**	**1,109.9225**	**1,109.9225**	**0.0213**	**0.0204**	**1,116.5182**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	3.2938e+006	0.0178	0.1518	0.0646	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	175.7695	175.7695	3.3700e-003	3.2200e-003	176.8140
Medical Office Building	2.67525e+006	0.0144	0.1311	0.1102	7.9000e-004		9.9700e-003	9.9700e-003		9.9700e-003	9.9700e-003	0.0000	142.7615	142.7615	2.7400e-003	2.6200e-003	143.6099
Single Family Housing	1.22621e+007	0.0661	0.5650	0.2404	3.6100e-003		0.0457	0.0457		0.0457	0.0457	0.0000	654.3533	654.3533	0.0125	0.0120	658.2418
Strip Mall	2.568e+006	0.0139	0.1259	0.1057	7.6000e-004		9.5700e-003	9.5700e-003		9.5700e-003	9.5700e-003	0.0000	137.0383	137.0383	2.6300e-003	2.5100e-003	137.8526
Total		**0.1122**	**0.9738**	**0.5209**	**6.1300e-003**		**0.0775**	**0.0775**		**0.0775**	**0.0775**	**0.0000**	**1,109.9225**	**1,109.9225**	**0.0213**	**0.0204**	**1,116.5182**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	1.08986e+006	143.3624	0.0143	2.9700e-003	144.6047
Medical Office Building	1.8696e+006	245.9305	0.0246	5.0900e-003	248.0616
Single Family Housing	4.10879e+006	540.4772	0.0541	0.0112	545.1607
Strip Mall	1.956e+006	257.2957	0.0257	5.3200e-003	259.5253
Total		**1,187.0659**	**0.1187**	**0.0246**	**1,197.3524**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	1.06443e+006	140.0174	0.0140	2.9000e-003	141.2307
Medical Office Building	1.8696e+006	245.9305	0.0246	5.0900e-003	248.0616
Single Family Housing	4.02994e+006	530.1059	0.0530	0.0110	534.6996
Strip Mall	1.956e+006	257.2957	0.0257	5.3200e-003	259.5253
Total		**1,173.3495**	**0.1173**	**0.0243**	**1,183.5172**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	6.5529	0.2380	5.2740	1.4100e-003		0.0433	0.0433		0.0433	0.0433	0.0000	214.7473	214.7473	0.0121	3.7800e-003	216.1760
Unmitigated	6.5529	0.2380	5.2740	1.4100e-003		0.0433	0.0433		0.0433	0.0433	0.0000	214.7473	214.7473	0.0121	3.7800e-003	216.1760

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.3204					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	5.0560					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0208	0.1781	0.0758	1.1400e-003		0.0144	0.0144		0.0144	0.0144	0.0000	206.2250	206.2250	3.9500e-003	3.7800e-003	207.4505
Landscaping	0.1557	0.0600	5.1982	2.8000e-004		0.0289	0.0289		0.0289	0.0289	0.0000	8.5224	8.5224	8.1300e-003	0.0000	8.7255
Total	**6.5529**	**0.2380**	**5.2739**	**1.4200e-003**		**0.0433**	**0.0433**		**0.0433**	**0.0433**	**0.0000**	**214.7473**	**214.7473**	**0.0121**	**3.7800e-003**	**216.1760**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.3204					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	5.0560					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0208	0.1781	0.0758	1.1400e-003		0.0144	0.0144		0.0144	0.0144	0.0000	206.2250	206.2250	3.9500e-003	3.7800e-003	207.4505
Landscaping	0.1557	0.0600	5.1982	2.8000e-004		0.0289	0.0289		0.0289	0.0289	0.0000	8.5224	8.5224	8.1300e-003	0.0000	8.7255
Total	**6.5529**	**0.2380**	**5.2739**	**1.4200e-003**		**0.0433**	**0.0433**		**0.0433**	**0.0433**	**0.0000**	**214.7473**	**214.7473**	**0.0121**	**3.7800e-003**	**216.1760**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	112.3770	2.9163	0.0704	206.2628
Unmitigated	112.3770	2.9163	0.0704	206.2628

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	15.1809 / 9.57056	20.0278	0.4962	0.0120	36.0070
Medical Office Building	25.7235 / 4.89972	28.7260	0.8403	0.0202	55.7572
Single Family Housing	30.5572 / 19.2643	40.3134	0.9988	0.0241	72.4777
Strip Mall	17.7774 / 10.8958	23.3098	0.5810	0.0140	42.0209
Total		**112.3770**	**2.9163**	**0.0704**	**206.2628**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	15.1809 / 9.57056	20.0278	0.4962	0.0120	36.0070
Medical Office Building	25.7235 / 4.89972	28.7260	0.8403	0.0202	55.7572
Single Family Housing	30.5572 / 19.2643	40.3134	0.9988	0.0241	72.4777
Strip Mall	17.7774 / 10.8958	23.3098	0.5810	0.0140	42.0209
Total		**112.3770**	**2.9163**	**0.0704**	**206.2628**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	562.0822	35.8700	0.0000	1,458.8328
Unmitigated	562.0822	35.8700	0.0000	1,458.8328

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	107.18	20.1481	1.2858	0.0000	52.2925
Medical Office Building	2214	416.1957	26.5601	0.0000	1,080.1977
Single Family Housing	416.88	78.3666	5.0011	0.0000	203.3933
Strip Mall	252	47.3719	3.0231	0.0000	122.9493
Total		**562.0822**	**35.8700**	**0.0000**	**1,458.8328**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	107.18	20.1481	1.2858	0.0000	52.2925
Medical Office Building	2214	416.1957	26.5601	0.0000	1,080.1977
Single Family Housing	416.88	78.3666	5.0011	0.0000	203.3933
Strip Mall	252	47.3719	3.0231	0.0000	122.9493
Total		**562.0822**	**35.8700**	**0.0000**	**1,458.8328**

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

Stonegate, Chico - Construction and Operation

Butte County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	205.00	1000sqft	0.00	205,000.00	0
Apartments Low Rise	233.00	Dwelling Unit	0.00	233,000.00	576
Single Family Housing	469.00	Dwelling Unit	204.80	844,200.00	1158
Strip Mall	240.00	1000sqft	0.00	240,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	71
Climate Zone	3			**Operational Year**	2035
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	290	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Using the 2020 PG&E CO2 rate

Land Use - Land uses from traffic report, acreage from PD (313) less open space (108.2) = 204.8ac. 2.47 persons per household per US Census (1,734 total pop).

Construction Phase - default

Trips and VMT -

Grading -

Architectural Coating - 50 g/L Low VOC for mitigation

Vehicle Trips - Trip rates from project traffic report incl trip reductions. Trip lengths based on ACS data and statewide averages for urban trips.

Woodstoves - No woodstoves or wood fireplaces, up to 25% gas-powered fireplaces in SFR only.

Energy Use -

Construction Off-road Equipment Mitigation - Tier 4 engines for equip

Mobile Land Use Mitigation -

Energy Mitigation - energy-efficient appliances

Fleet Mix - Chico-specific traffic mix data

Consumer Products - 2012 CARB Almanac emissions data

Solid Waste - Per county data (B. Mannel, 2014) the Neal Road Landfill captures at least 90% methane

Area Coating - 150 g/L Rule 230

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaCoating	Area_EF_Nonresidential_Interior	250	150
tblAreaCoating	Area_EF_Parking	250	150
tblAreaCoating	Area_EF_Residential_Exterior	250	150

tblAreaCoating	Area_EF_Residential_Interior	250	150
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
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	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

Stonegate, Chico - Construction and Operation - Butte County, Summer

tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConsumerProducts	ROG_EF	2.14E-05	1.82E-05
tblFireplaces	FireplaceWoodMass	5,158.40	0.00
tblFireplaces	FireplaceWoodMass	5,158.40	0.00
tblFireplaces	NumberGas	100.19	0.00
tblFireplaces	NumberGas	201.67	117.00
tblFireplaces	NumberNoFireplace	41.94	233.00
tblFireplaces	NumberNoFireplace	84.42	352.00
tblFireplaces	NumberWood	90.87	0.00
tblFireplaces	NumberWood	182.91	0.00
tblFleetMix	HHD	0.09	1.2000e-003
tblFleetMix	HHD	0.09	1.2000e-003
tblFleetMix	HHD	0.09	1.2000e-003
tblFleetMix	HHD	0.09	1.2000e-003
tblFleetMix	LDA	0.59	0.56
tblFleetMix	LDA	0.59	0.56
tblFleetMix	LDA	0.59	0.56
tblFleetMix	LDA	0.59	0.56
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT1	0.03	0.04
tblFleetMix	LDT2	0.17	0.20
tblFleetMix	LDT2	0.17	0.20
tblFleetMix	LDT2	0.17	0.20
tblFleetMix	LDT2	0.17	0.20
tblFleetMix	LHD1	0.01	0.04

tblFleetMix	LHD1	0.01	0.04
tblFleetMix	LHD1	0.01	0.04
tblFleetMix	LHD1	0.01	0.04
tblFleetMix	MDV	0.09	0.13
tblFleetMix	MDV	0.09	0.13
tblFleetMix	MDV	0.09	0.13
tblFleetMix	MDV	0.09	0.13
tblLandUse	LotAcreage	4.71	0.00
tblLandUse	LotAcreage	14.56	0.00
tblLandUse	LotAcreage	152.27	204.80
tblLandUse	LotAcreage	5.51	0.00
tblLandUse	Population	666.00	576.00
tblLandUse	Population	1,341.00	1,158.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	290
tblSolidWaste	LandfillCaptureGasEnergyRecovery	0.00	90.00
tblSolidWaste	LandfillCaptureGasEnergyRecovery	0.00	90.00
tblSolidWaste	LandfillCaptureGasEnergyRecovery	0.00	90.00
tblSolidWaste	LandfillCaptureGasEnergyRecovery	0.00	90.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	4.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	4.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	4.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	4.00
tblVehicleTrips	CC_TL	10.52	7.30
tblVehicleTrips	CC_TL	10.52	7.30
tblVehicleTrips	CNW_TL	10.52	7.30
tblVehicleTrips	CNW_TL	10.52	7.30
tblVehicleTrips	CW_TL	10.52	9.50

tblVehicleTrips	CW_TL	10.52	9.50
tblVehicleTrips	HO_TL	7.22	7.50
tblVehicleTrips	HO_TL	7.22	7.50
tblVehicleTrips	HS_TL	7.22	7.30
tblVehicleTrips	HS_TL	7.22	7.30
tblVehicleTrips	HW_TL	12.54	10.51
tblVehicleTrips	HW_TL	12.54	10.51
tblVehicleTrips	ST_TR	7.16	5.37
tblVehicleTrips	ST_TR	8.96	8.33
tblVehicleTrips	ST_TR	9.91	8.82
tblVehicleTrips	ST_TR	42.04	30.27
tblVehicleTrips	SU_TR	6.07	4.55
tblVehicleTrips	SU_TR	1.55	1.44
tblVehicleTrips	SU_TR	8.62	7.67
tblVehicleTrips	SU_TR	20.43	14.71
tblVehicleTrips	WD_TR	6.59	4.97
tblVehicleTrips	WD_TR	36.13	33.60
tblVehicleTrips	WD_TR	9.52	8.48
tblVehicleTrips	WD_TR	44.32	31.73
tblWoodstoves	NumberCatalytic	20.97	0.00
tblWoodstoves	NumberCatalytic	42.21	0.00
tblWoodstoves	NumberNoncatalytic	20.97	0.00
tblWoodstoves	NumberNoncatalytic	42.21	0.00
tblWoodstoves	WoodstoveDayYear	150.00	0.00
tblWoodstoves	WoodstoveDayYear	150.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	4.4710	45.6708	23.2548	0.0399	18.2379	2.3918	20.6297	9.9762	2.2005	12.1767	0.0000	3,956.3603	3,956.3603	1.2024	0.0000	3,986.4199
2020	4.5853	50.2930	33.1129	0.0641	18.2379	2.1988	20.4367	9.9762	2.0229	11.9991	0.0000	6,210.6161	6,210.6161	1.9525	0.0000	6,259.4294
2021	5.5216	46.4849	45.2307	0.1323	8.8641	1.9868	10.8509	3.6471	1.8278	5.4749	0.0000	13,328.4540	13,328.4540	1.9518	0.0000	13,360.8207
2022	5.0640	36.2728	42.3861	0.1302	6.0120	0.9037	6.9157	1.6271	0.8506	2.4777	0.0000	13,115.9095	13,115.9095	1.2512	0.0000	13,147.1880
2023	4.5704	31.1571	39.4500	0.1275	6.0120	0.7570	6.7690	1.6272	0.7121	2.3393	0.0000	12,850.2357	12,850.2357	1.0944	0.0000	12,877.5958
2024	4.2717	29.7051	37.3986	0.1254	6.0120	0.6678	6.6798	1.6272	0.6279	2.2551	0.0000	12,641.3012	12,641.3012	1.0701	0.0000	12,668.0530
2025	4.0037	28.2821	35.6463	0.1234	6.0120	0.5798	6.5918	1.6272	0.5452	2.1724	0.0000	12,437.1419	12,437.1419	1.0458	0.0000	12,463.2855
2026	3.8566	27.8777	34.1901	0.1215	6.0120	0.5775	6.5895	1.6272	0.5430	2.1701	0.0000	12,250.1826	12,250.1826	1.0278	0.0000	12,275.8773
2027	3.7120	27.5118	32.8331	0.1198	6.0120	0.5749	6.5869	1.6272	0.5406	2.1678	0.0000	12,080.9703	12,080.9703	1.0089	0.0000	12,106.1916
2028	3.5636	27.2066	31.6777	0.1183	6.0120	0.5722	6.5842	1.6272	0.5380	2.1652	0.0000	11,931.9556	11,931.9556	0.9929	0.0000	11,956.7768
2029	3.4038	26.9283	30.5431	0.1170	6.0120	0.5697	6.5816	1.6272	0.5357	2.1628	0.0000	11,799.0085	11,799.0085	0.9774	0.0000	11,823.4427
2030	3.1839	22.1456	29.5830	0.1198	6.0120	0.1879	6.1999	1.6272	0.1854	1.8125	0.0000	12,023.3781	12,023.3781	0.4780	0.0000	12,035.3281
2031	3.0075	21.9177	28.5637	0.1188	6.0120	0.1857	6.1977	1.6272	0.1834	1.8105	0.0000	11,921.3696	11,921.3696	0.4632	0.0000	11,932.9489

	ROG	NOx	CO	SO2	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					
2032	2.8751	21.7289	27.7733	0.1179	6.0120	0.1838	6.1958	1.6272	0.1816	1.8087	0.0000	11,834.9572	11,834.9572	0.4518	0.0000	11,846.2534
2033	2.7520	21.5608	27.0674	0.1172	6.0120	0.1820	6.1940	1.6272	0.1799	1.8070	0.0000	11,760.6528	11,760.6528	0.4425	0.0000	11,771.7153
2034	2.6465	21.4183	26.4163	0.1165	6.0120	0.1803	6.1923	1.6272	0.1783	1.8055	0.0000	11,697.1154	11,697.1154	0.4337	0.0000	11,707.9570
2035	2.4694	20.5301	25.8534	0.1160	6.0120	0.1212	6.1332	1.6272	0.1193	1.7465	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481
2036	2.4694	20.5301	25.8534	0.1160	6.0120	0.1212	6.1332	1.6272	0.1193	1.7465	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481
2037	2.4694	20.5301	25.8534	0.1160	6.0120	0.1212	6.1332	1.6272	0.1193	1.7465	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481
2038	2.4694	20.5301	25.8534	0.1160	6.0120	0.1212	6.1332	1.6272	0.1193	1.7465	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481
2039	2.4694	20.5301	25.8534	0.1160	6.0120	0.1879	6.1332	1.6272	0.1878	1.7465	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481
2040	26.9208	3.6675	16.0161	0.0290	0.9155	0.1168	0.9252	0.2428	0.1168	0.2524	0.0000	2,749.2313	2,749.2313	0.0902	0.0000	2,751.4864
2041	26.9208	0.7969	3.0621	8.9100e-003	0.9155	9.7100e-003	0.9252	0.2428	9.5300e-003	0.2524	0.0000	874.8211	874.8211	0.0158	0.0000	875.2160
2042	26.9208	0.7969	3.0621	8.9100e-003	0.9155	9.7100e-003	0.9252	0.2428	9.5300e-003	0.2524	0.0000	874.8211	874.8211	0.0158	0.0000	875.2160
Maximum	**26.9208**	**50.2930**	**45.2307**	**0.1323**	**18.2379**	**2.3918**	**20.6297**	**9.9762**	**2.2005**	**12.1767**	**0.0000**	**13,328.4540**	**13,328.4540**	**1.9525**	**0.0000**	**13,360.8207**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

Stonegate, Chico - Construction and Operation - Butte County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	0.8327	12.2601	24.1519	0.0399	4.2366	0.0635	4.3001	2.2799	0.0634	2.3433	0.0000	3,956.3603	3,956.3603	1.2024	0.0000	3,986.4199
2020	1.1462	19.3662	37.8772	0.0641	4.2366	0.1031	4.3000	2.2799	0.1029	2.3433	0.0000	6,210.6161	6,210.6161	1.9525	0.0000	6,259.4294
2021	4.1541	32.9762	46.5293	0.1323	6.0120	0.1900	6.2019	1.6271	0.1842	1.8114	0.0000	13,328.4540	13,328.4540	1.9518	0.0000	13,360.8207
2022	3.8912	31.5694	43.8964	0.1302	6.0120	0.1793	6.1912	1.6271	0.1740	1.8012	0.0000	13,115.9095	13,115.9095	1.2512	0.0000	13,147.1880
2023	3.5312	27.6844	41.0798	0.1275	6.0120	0.1419	6.1539	1.6272	0.1383	1.7655	0.0000	12,850.2357	12,850.2357	1.0944	0.0000	12,877.5958
2024	3.3336	27.1736	39.1055	0.1254	6.0120	0.1391	6.1511	1.6272	0.1356	1.7628	0.0000	12,641.3012	12,641.3012	1.0701	0.0000	12,668.0530
2025	3.1698	26.7246	37.4354	0.1234	6.0120	0.1369	6.1489	1.6272	0.1335	1.7607	0.0000	12,437.1419	12,437.1419	1.0458	0.0000	12,463.2855
2026	3.0227	26.3202	35.9792	0.1215	6.0120	0.1345	6.1465	1.6272	0.1313	1.7585	0.0000	12,250.1826	12,250.1826	1.0278	0.0000	12,275.8773
2027	2.8780	25.9543	34.6222	0.1198	6.0120	0.1320	6.1440	1.6272	0.1289	1.7561	0.0000	12,080.9703	12,080.9703	1.0089	0.0000	12,106.1916
2028	2.7297	25.6491	33.4668	0.1183	6.0120	0.1292	6.1412	1.6272	0.1264	1.7535	0.0000	11,931.9556	11,931.9556	0.9929	0.0000	11,956.7768
2029	2.5699	25.3708	32.3322	0.1170	6.0120	0.1267	6.1387	1.6272	0.1240	1.7512	0.0000	11,799.0085	11,799.0085	0.9774	0.0000	11,823.4427
2030	2.4082	25.1232	31.2998	0.1198	6.0120	0.1244	6.1364	1.6272	0.1219	1.7490	0.0000	12,023.3781	12,023.3781	0.4780	0.0000	12,035.3281
2031	2.2319	24.8952	30.2805	0.1188	6.0120	0.1222	6.1342	1.6272	0.1198	1.7470	0.0000	11,921.3696	11,921.3696	0.4632	0.0000	11,932.9489
2032	2.0995	24.7064	29.4901	0.1179	6.0120	0.1203	6.1323	1.6272	0.1180	1.7452	0.0000	11,834.9572	11,834.9572	0.4518	0.0000	11,846.2534
2033	1.9764	24.5384	28.7842	0.1172	6.0120	0.1185	6.1305	1.6272	0.1163	1.7435	0.0000	11,760.6528	11,760.6528	0.4425	0.0000	11,771.7153
2034	1.8709	24.3958	28.1331	0.1165	6.0120	0.1168	6.1288	1.6272	0.1148	1.7420	0.0000	11,697.1154	11,697.1154	0.4337	0.0000	11,707.9570
2035	1.7861	24.2809	27.6094	0.1160	6.0120	0.1154	6.1274	1.6272	0.1135	1.7406	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481
2036	1.7861	24.2809	27.6094	0.1160	6.0120	0.1154	6.1274	1.6272	0.1135	1.7406	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481

Stonegate, Chico - Construction and Operation - Butte County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2037	1.7861	24.2809	27.6094	0.1160	6.0120	0.1154	6.1274	1.6272	0.1135	1.7406	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481
2038	1.7861	24.2809	27.6094	0.1160	6.0120	0.1154	6.1274	1.6272	0.1135	1.7406	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481
2039	1.7861	24.2809	27.6094	0.1160	6.0120	0.1154	6.1274	1.6272	0.1135	1.7406	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481
2040	26.8603	10.0504	17.4941	0.0290	0.9155	0.0378	0.9218	0.2428	0.0377	0.2489	0.0000	2,749.2313	2,749.2313	0.0902	0.0000	2,751.4864
2041	26.8603	1.1297	3.1022	8.9100e-003	0.9155	6.2400e-003	0.9218	0.2428	6.0600e-003	0.2489	0.0000	874.8211	874.8211	0.0158	0.0000	875.2160
2042	26.8603	1.1297	3.1022	8.9100e-003	0.9155	6.2400e-003	0.9218	0.2428	6.0600e-003	0.2489	0.0000	874.8211	874.8211	0.0158	0.0000	875.2160
Maximum	**26.8603**	**32.9762**	**46.5293**	**0.1323**	**6.0120**	**0.1900**	**6.2019**	**2.2799**	**0.1842**	**2.3433**	**0.0000**	**13,328.4540**	**13,328.4540**	**1.9525**	**0.0000**	**13,360.8207**

	ROG	NOx	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	**15.03**	**9.37**	**-5.86**	**0.00**	**19.74**	**79.97**	**24.50**	**32.48**	**79.05**	**41.32**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	36.9468	3.0405	58.7678	0.0182		0.5133	0.5133		0.5133	0.5133	0.0000	3,135.3693	3,135.3693	0.1576	0.0556	3,155.8691
Energy	0.6145	5.3360	2.8543	0.0335		0.4246	0.4246		0.4246	0.4246		6,704.0009	6,704.0009	0.1285	0.1229	6,743.8394
Mobile	23.3176	51.5898	190.7886	0.7086	84.8333	0.5268	85.3601	22.6838	0.4930	23.1768		71,334.5451	71,334.5451	1.8627		71,381.1116
Total	**60.8789**	**59.9662**	**252.4108**	**0.7604**	**84.8333**	**1.4647**	**86.2980**	**22.6838**	**1.4309**	**24.1147**	**0.0000**	**81,173.9153**	**81,173.9153**	**2.1488**	**0.1785**	**81,280.8201**

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	36.9468	3.0405	58.7678	0.0182		0.5133	0.5133		0.5133	0.5133	0.0000	3,135.3693	3,135.3693	0.1576	0.0556	3,155.8691
Energy	0.6145	5.3360	2.8543	0.0335		0.4246	0.4246		0.4246	0.4246		6,704.0009	6,704.0009	0.1285	0.1229	6,743.8394
Mobile	23.3176	51.5898	190.7886	0.7086	84.8333	0.5268	85.3601	22.6838	0.4930	23.1768		71,334.5451	71,334.5451	1.8627		71,381.1116
Total	**60.8789**	**59.9662**	**252.4108**	**0.7604**	**84.8333**	**1.4647**	**86.2980**	**22.6838**	**1.4309**	**24.1147**	**0.0000**	**81,173.9153**	**81,173.9153**	**2.1488**	**0.1785**	**81,280.8201**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	6/1/2019	2/7/2020	5	180	
2	Grading	Grading	2/8/2020	11/19/2021	5	465	
3	Building Construction	Building Construction	11/20/2021	9/16/2039	5	4650	
4	Paving	Paving	9/17/2039	12/21/2040	5	330	
5	Architectural Coating	Architectural Coating	12/22/2040	3/28/2042	5	330	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1162.5

Acres of Paving: 0

Residential Indoor: 2,181,330; Residential Outdoor: 727,110; Non-Residential Indoor: 667,500; Non-Residential Outdoor: 222,500; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Stonegate, Chico - Construction and Operation - Butte County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	479.00	148.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	96.00	0.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991		3,766.4529	3,766.4529	1.1917		3,796.2445
Total	**4.3350**	**45.5727**	**22.0630**	**0.0380**	**18.0663**	**2.3904**	**20.4566**	**9.9307**	**2.1991**	**12.1298**		**3,766.4529**	**3,766.4529**	**1.1917**		**3,796.2445**

3.2 Site Preparation - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1360	0.0981	1.1918	1.9200e-003	0.1717	1.4400e-003	0.1731	0.0455	1.3300e-003	0.0469		189.9074	189.9074	0.0107		190.1754
Total	**0.1360**	**0.0981**	**1.1918**	**1.9200e-003**	**0.1717**	**1.4400e-003**	**0.1731**	**0.0455**	**1.3300e-003**	**0.0469**		**189.9074**	**189.9074**	**0.0107**		**190.1754**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.0649	0.0000	4.0649	2.2344	0.0000	2.2344			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445
Total	**0.6967**	**12.1620**	**22.9600**	**0.0380**	**4.0649**	**0.0621**	**4.1270**	**2.2344**	**0.0621**	**2.2965**	**0.0000**	**3,766.4529**	**3,766.4529**	**1.1917**		**3,796.2445**

3.2 Site Preparation - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1360	0.0981	1.1918	1.9200e-003	0.1717	1.4400e-003	0.1731	0.0455	1.3300e-003	0.0469		189.9074	189.9074	0.0107		190.1754
Total	**0.1360**	**0.0981**	**1.1918**	**1.9200e-003**	**0.1717**	**1.4400e-003**	**0.1731**	**0.0455**	**1.3300e-003**	**0.0469**		**189.9074**	**189.9074**	**0.0107**		**190.1754**

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**4.0765**	**42.4173**	**21.5136**	**0.0380**	**18.0663**	**2.1974**	**20.2637**	**9.9307**	**2.0216**	**11.9523**		**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

3.2 Site Preparation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1217	0.0859	1.0391	1.8600e-003	0.1717	1.3600e-003	0.1730	0.0455	1.2500e-003	0.0468		184.2758	184.2758	9.1000e-003		184.5033
Total	**0.1217**	**0.0859**	**1.0391**	**1.8600e-003**	**0.1717**	**1.3600e-003**	**0.1730**	**0.0455**	**1.2500e-003**	**0.0468**		**184.2758**	**184.2758**	**9.1000e-003**		**184.5033**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.0649	0.0000	4.0649	2.2344	0.0000	2.2344			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**0.6967**	**12.1620**	**22.9600**	**0.0380**	**4.0649**	**0.0621**	**4.1270**	**2.2344**	**0.0621**	**2.2965**	**0.0000**	**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

3.2 Site Preparation - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1217	0.0859	1.0391	1.8600e-003	0.1717	1.3600e-003	0.1730	0.0455	1.2500e-003	0.0468		184.2758	184.2758	9.1000e-003		184.5033
Total	**0.1217**	**0.0859**	**1.0391**	**1.8600e-003**	**0.1717**	**1.3600e-003**	**0.1730**	**0.0455**	**1.2500e-003**	**0.0468**		**184.2758**	**184.2758**	**9.1000e-003**		**184.5033**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000		6,005.8653	6,005.8653	1.9424		6,054.4257
Total	**4.4501**	**50.1975**	**31.9583**	**0.0620**	**8.6733**	**2.1739**	**10.8472**	**3.5965**	**2.0000**	**5.5965**		**6,005.8653**	**6,005.8653**	**1.9424**		**6,054.4257**

3.3 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1352	0.0955	1.1546	2.0600e-003	0.1907	1.5100e-003	0.1922	0.0506	1.3900e-003	0.0520		204.7509	204.7509	0.0101		205.0037
Total	**0.1352**	**0.0955**	**1.1546**	**2.0600e-003**	**0.1907**	**1.5100e-003**	**0.1922**	**0.0506**	**1.3900e-003**	**0.0520**		**204.7509**	**204.7509**	**0.0101**		**205.0037**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.9515	0.0000	1.9515	0.8092	0.0000	0.8092			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0620		0.1015	0.1015		0.1015	0.1015	0.0000	6,005.8653	6,005.8653	1.9424		6,054.4257
Total	**1.0110**	**19.2707**	**36.7226**	**0.0620**	**1.9515**	**0.1015**	**2.0530**	**0.8092**	**0.1015**	**0.9108**	**0.0000**	**6,005.8653**	**6,005.8653**	**1.9424**		**6,054.4257**

3.3 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1352	0.0955	1.1546	2.0600e-003	0.1907	1.5100e-003	0.1922	0.0506	1.3900e-003	0.0520		204.7509	204.7509	0.0101		205.0037
Total	**0.1352**	**0.0955**	**1.1546**	**2.0600e-003**	**0.1907**	**1.5100e-003**	**0.1922**	**0.0506**	**1.3900e-003**	**0.0520**		**204.7509**	**204.7509**	**0.0101**		**205.0037**

3.3 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**8.6733**	**1.9853**	**10.6587**	**3.5965**	**1.8265**	**5.4230**		**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.3 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1247	0.0851	1.0450	2.0000e-003	0.1907	1.4500e-003	0.1922	0.0506	1.3300e-003	0.0519		198.3557	198.3557	9.0100e-003		198.5810
Total	**0.1247**	**0.0851**	**1.0450**	**2.0000e-003**	**0.1907**	**1.4500e-003**	**0.1922**	**0.0506**	**1.3300e-003**	**0.0519**		**198.3557**	**198.3557**	**9.0100e-003**		**198.5810**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.9515	0.0000	1.9515	0.8092	0.0000	0.8092			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0620		0.1015	0.1015		0.1015	0.1015	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**1.0110**	**19.2707**	**36.7226**	**0.0620**	**1.9515**	**0.1015**	**2.0530**	**0.8092**	**0.1015**	**0.9108**	**0.0000**	**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.3 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1247	0.0851	1.0450	2.0000e-003	0.1907	1.4500e-003	0.1922	0.0506	1.3300e-003	0.0519		198.3557	198.3557	9.0100e-003		198.5810
Total	**0.1247**	**0.0851**	**1.0450**	**2.0000e-003**	**0.1907**	**1.4500e-003**	**0.1922**	**0.0506**	**1.3300e-003**	**0.0519**		**198.3557**	**198.3557**	**9.0100e-003**		**198.5810**

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**		**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6330	20.0260	3.6268	0.0576	1.4439	0.0707	1.5146	0.4156	0.0677	0.4832		6,024.4714	6,024.4714	0.4628		6,036.0422
Worker	2.9876	2.0380	25.0288	0.0478	4.5681	0.0347	4.6027	1.2116	0.0320	1.2435		4,750.6187	4,750.6187	0.2158		4,756.0142
Total	**3.6206**	**22.0640**	**28.6555**	**0.1054**	**6.0120**	**0.1054**	**6.1173**	**1.6271**	**0.0996**	**1.7268**		**10,775.0901**	**10,775.0901**	**0.6787**		**10,792.0564**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0269		0.0846	0.0846		0.0846	0.0846	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**0.5335**	**10.9122**	**17.8738**	**0.0269**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.4 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6330	20.0260	3.6268	0.0576	1.4439	0.0707	1.5146	0.4156	0.0677	0.4832		6,024.4714	6,024.4714	0.4628		6,036.0422
Worker	2.9876	2.0380	25.0288	0.0478	4.5681	0.0347	4.6027	1.2116	0.0320	1.2435		4,750.6187	4,750.6187	0.2158		4,756.0142
Total	**3.6206**	**22.0640**	**28.6555**	**0.1054**	**6.0120**	**0.1054**	**6.1173**	**1.6271**	**0.0996**	**1.7268**		**10,775.0901**	**10,775.0901**	**0.6787**		**10,792.0564**

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.4 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5853	18.8302	3.3100	0.0571	1.4439	0.0614	1.5053	0.4156	0.0587	0.4743		5,975.7954	5,975.7954	0.4471		5,986.9721
Worker	2.7725	1.8270	22.7127	0.0461	4.5681	0.0333	4.6014	1.2116	0.0307	1.2423		4,585.7806	4,585.7806	0.1921		4,590.5837
Total	**3.3578**	**20.6572**	**26.0227**	**0.1033**	**6.0120**	**0.0947**	**6.1066**	**1.6271**	**0.0894**	**1.7166**		**10,561.5759**	**10,561.5759**	**0.6392**		**10,577.5558**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0269		0.0846	0.0846		0.0846	0.0846	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**0.5335**	**10.9122**	**17.8738**	**0.0269**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.4 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5853	18.8302	3.3100	0.0571	1.4439	0.0614	1.5053	0.4156	0.0587	0.4743		5,975.7954	5,975.7954	0.4471		5,986.9721
Worker	2.7725	1.8270	22.7127	0.0461	4.5681	0.0333	4.6014	1.2116	0.0307	1.2423		4,585.7806	4,585.7806	0.1921		4,590.5837
Total	**3.3578**	**20.6572**	**26.0227**	**0.1033**	**6.0120**	**0.0947**	**6.1066**	**1.6271**	**0.0894**	**1.7166**		**10,561.5759**	**10,561.5759**	**0.6392**		**10,577.5558**

3.4 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**

3.4 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4302	15.1401	2.7835	0.0562	1.4439	0.0254	1.4693	0.4156	0.0243	0.4399		5,877.3971	5,877.3971	0.3175		5,885.3336
Worker	2.5675	1.6321	20.4226	0.0444	4.5681	0.0319	4.6000	1.2116	0.0294	1.2410		4,417.6286	4,417.6286	0.1691		4,421.8561
Total	**2.9977**	**16.7722**	**23.2060**	**0.1006**	**6.0120**	**0.0573**	**6.0693**	**1.6272**	**0.0537**	**1.6809**		**10,295.0257**	**10,295.0257**	**0.4866**		**10,307.1898**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0269		0.0846	0.0846		0.0846	0.0846	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**0.5335**	**10.9122**	**17.8738**	**0.0269**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.4 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4302	15.1401	2.7835	0.0562	1.4439	0.0254	1.4693	0.4156	0.0243	0.4399		5,877.3971	5,877.3971	0.3175		5,885.3336
Worker	2.5675	1.6321	20.4226	0.0444	4.5681	0.0319	4.6000	1.2116	0.0294	1.2410		4,417.6286	4,417.6286	0.1691		4,421.8561
Total	**2.9977**	**16.7722**	**23.2060**	**0.1006**	**6.0120**	**0.0573**	**6.0693**	**1.6272**	**0.0537**	**1.6809**		**10,295.0257**	**10,295.0257**	**0.4866**		**10,307.1898**

3.4 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**

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4119	14.7973	2.6036	0.0558	1.4439	0.0239	1.4678	0.4156	0.0228	0.4384		5,836.6729	5,836.6729	0.3159		5,844.5692
Worker	2.3883	1.4641	18.6282	0.0427	4.5681	0.0306	4.5987	1.2116	0.0282	1.2398		4,248.9294	4,248.9294	0.1499		4,252.6762
Total	**2.8001**	**16.2614**	**21.2317**	**0.0985**	**6.0120**	**0.0545**	**6.0665**	**1.6272**	**0.0510**	**1.6782**		**10,085.6023**	**10,085.6023**	**0.4657**		**10,097.2454**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**0.5335**	**10.9122**	**17.8738**	**0.0270**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4119	14.7973	2.6036	0.0558	1.4439	0.0239	1.4678	0.4156	0.0228	0.4384		5,836.6729	5,836.6729	0.3159		5,844.5692
Worker	2.3883	1.4641	18.6282	0.0427	4.5681	0.0306	4.5987	1.2116	0.0282	1.2398		4,248.9294	4,248.9294	0.1499		4,252.6762
Total	**2.8001**	**16.2614**	**21.2317**	**0.0985**	**6.0120**	**0.0545**	**6.0665**	**1.6272**	**0.0510**	**1.6782**		**10,085.6023**	**10,085.6023**	**0.4657**		**10,097.2454**

3.4 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**

3.4 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3974	14.4910	2.4692	0.0554	1.4439	0.0225	1.4665	0.4156	0.0215	0.4371		5,799.2348	5,799.2348	0.3106		5,807.0001
Worker	2.2389	1.3214	17.0925	0.0410	4.5681	0.0297	4.5978	1.2116	0.0274	1.2390		4,081.4327	4,081.4327	0.1342		4,084.7874
Total	**2.6363**	**15.8124**	**19.5616**	**0.0964**	**6.0120**	**0.0523**	**6.0643**	**1.6272**	**0.0489**	**1.6761**		**9,880.6675**	**9,880.6675**	**0.4448**		**9,891.7875**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**0.5335**	**10.9122**	**17.8738**	**0.0270**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

3.4 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3974	14.4910	2.4692	0.0554	1.4439	0.0225	1.4665	0.4156	0.0215	0.4371		5,799.2348	5,799.2348	0.3106		5,807.0001
Worker	2.2389	1.3214	17.0925	0.0410	4.5681	0.0297	4.5978	1.2116	0.0274	1.2390		4,081.4327	4,081.4327	0.1342		4,084.7874
Total	**2.6363**	**15.8124**	**19.5616**	**0.0964**	**6.0120**	**0.0523**	**6.0643**	**1.6272**	**0.0489**	**1.6761**		**9,880.6675**	**9,880.6675**	**0.4448**		**9,891.7875**

3.4 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**

3.4 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3839	14.2102	2.3521	0.0551	1.4439	0.0213	1.4653	0.4156	0.0204	0.4360		5,764.0529	5,764.0529	0.3063		5,771.7100
Worker	2.1053	1.1978	15.7533	0.0395	4.5681	0.0286	4.5966	1.2116	0.0263	1.2379		3,929.6553	3,929.6553	0.1206		3,932.6693
Total	**2.4892**	**15.4080**	**18.1054**	**0.0946**	**6.0120**	**0.0499**	**6.0619**	**1.6272**	**0.0467**	**1.6739**		**9,693.7082**	**9,693.7082**	**0.4268**		**9,704.3793**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**0.5335**	**10.9122**	**17.8738**	**0.0270**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

3.4 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3839	14.2102	2.3521	0.0551	1.4439	0.0213	1.4653	0.4156	0.0204	0.4360		5,764.0529	5,764.0529	0.3063		5,771.7100
Worker	2.1053	1.1978	15.7533	0.0395	4.5681	0.0286	4.5966	1.2116	0.0263	1.2379		3,929.6553	3,929.6553	0.1206		3,932.6693
Total	**2.4892**	**15.4080**	**18.1054**	**0.0946**	**6.0120**	**0.0499**	**6.0619**	**1.6272**	**0.0467**	**1.6739**		**9,693.7082**	**9,693.7082**	**0.4268**		**9,704.3793**

3.4 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**

3.4 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3721	13.9586	2.2497	0.0548	1.4439	0.0203	1.4642	0.4156	0.0194	0.4350		5,732.8592	5,732.8592	0.3001		5,740.3627
Worker	1.9725	1.0835	14.4987	0.0381	4.5681	0.0271	4.5951	1.2116	0.0249	1.2365		3,791.6367	3,791.6367	0.1078		3,794.3308
Total	**2.3446**	**15.0421**	**16.7484**	**0.0929**	**6.0120**	**0.0474**	**6.0594**	**1.6272**	**0.0443**	**1.6715**		**9,524.4959**	**9,524.4959**	**0.4079**		**9,534.6935**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**0.5335**	**10.9122**	**17.8738**	**0.0270**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

3.4 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3721	13.9586	2.2497	0.0548	1.4439	0.0203	1.4642	0.4156	0.0194	0.4350		5,732.8592	5,732.8592	0.3001		5,740.3627
Worker	1.9725	1.0835	14.4987	0.0381	4.5681	0.0271	4.5951	1.2116	0.0249	1.2365		3,791.6367	3,791.6367	0.1078		3,794.3308
Total	**2.3446**	**15.0421**	**16.7484**	**0.0929**	**6.0120**	**0.0474**	**6.0594**	**1.6272**	**0.0443**	**1.6715**		**9,524.4959**	**9,524.4959**	**0.4079**		**9,534.6935**

3.4 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**

3.4 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3631	13.7570	2.1781	0.0545	1.4439	0.0195	1.4634	0.4156	0.0186	0.4342		5,707.9587	5,707.9587	0.2948		5,715.3277
Worker	1.8331	0.9799	13.4149	0.0368	4.5681	0.0252	4.5932	1.2116	0.0232	1.2347		3,667.5225	3,667.5225	0.0971		3,669.9510
Total	**2.1962**	**14.7369**	**15.5930**	**0.0914**	**6.0120**	**0.0446**	**6.0566**	**1.6272**	**0.0418**	**1.6689**		**9,375.4813**	**9,375.4813**	**0.3919**		**9,385.2787**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**0.5335**	**10.9122**	**17.8738**	**0.0270**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

3.4 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3631	13.7570	2.1781	0.0545	1.4439	0.0195	1.4634	0.4156	0.0186	0.4342		5,707.9587	5,707.9587	0.2948		5,715.3277
Worker	1.8331	0.9799	13.4149	0.0368	4.5681	0.0252	4.5932	1.2116	0.0232	1.2347		3,667.5225	3,667.5225	0.0971		3,669.9510
Total	**2.1962**	**14.7369**	**15.5930**	**0.0914**	**6.0120**	**0.0446**	**6.0566**	**1.6272**	**0.0418**	**1.6689**		**9,375.4813**	**9,375.4813**	**0.3919**		**9,385.2787**

3.4 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**

3.4 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3550	13.5773	2.1126	0.0543	1.4439	0.0187	1.4626	0.4156	0.0179	0.4335		5,686.4622	5,686.4622	0.2899		5,693.7092
Worker	1.6815	0.8813	12.3458	0.0357	4.5681	0.0234	4.5915	1.2116	0.0215	1.2331		3,556.0720	3,556.0720	0.0865		3,558.2354
Total	**2.0364**	**14.4586**	**14.4584**	**0.0900**	**6.0120**	**0.0421**	**6.0541**	**1.6272**	**0.0394**	**1.6666**		**9,242.5342**	**9,242.5342**	**0.3764**		**9,251.9446**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**0.5335**	**10.9122**	**17.8738**	**0.0270**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

3.4 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3550	13.5773	2.1126	0.0543	1.4439	0.0187	1.4626	0.4156	0.0179	0.4335		5,686.4622	5,686.4622	0.2899		5,693.7092
Worker	1.6815	0.8813	12.3458	0.0357	4.5681	0.0234	4.5915	1.2116	0.0215	1.2331		3,556.0720	3,556.0720	0.0865		3,558.2354
Total	**2.0364**	**14.4586**	**14.4584**	**0.0900**	**6.0120**	**0.0421**	**6.0541**	**1.6272**	**0.0394**	**1.6666**		**9,242.5342**	**9,242.5342**	**0.3764**		**9,251.9446**

3.4 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**

3.4 Building Construction - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3481	13.4236	2.0585	0.0542	1.4439	0.0180	1.4619	0.4156	0.0172	0.4328		5,669.2681	5,669.2681	0.2848		5,676.3891
Worker	1.5266	0.7874	11.3675	0.0347	4.5681	0.0218	4.5898	1.2116	0.0200	1.2316		3,456.5633	3,456.5633	0.0769		3,458.4862
Total	**1.8747**	**14.2110**	**13.4260**	**0.0888**	**6.0120**	**0.0398**	**6.0518**	**1.6272**	**0.0373**	**1.6644**		**9,125.8314**	**9,125.8314**	**0.3618**		**9,134.8752**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0310		0.0846	0.0846		0.0846	0.0846	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**0.5335**	**10.9122**	**17.8738**	**0.0310**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

3.4 Building Construction - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3481	13.4236	2.0585	0.0542	1.4439	0.0180	1.4619	0.4156	0.0172	0.4328		5,669.2681	5,669.2681	0.2848		5,676.3891
Worker	1.5266	0.7874	11.3675	0.0347	4.5681	0.0218	4.5898	1.2116	0.0200	1.2316		3,456.5633	3,456.5633	0.0769		3,458.4862
Total	**1.8747**	**14.2110**	**13.4260**	**0.0888**	**6.0120**	**0.0398**	**6.0518**	**1.6272**	**0.0373**	**1.6644**		**9,125.8314**	**9,125.8314**	**0.3618**		**9,134.8752**

3.4 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**

3.4 Building Construction - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3425	13.2897	2.0167	0.0540	1.4439	0.0174	1.4614	0.4156	0.0167	0.4323		5,655.6592	5,655.6592	0.2795		5,662.6476
Worker	1.3559	0.6934	10.3901	0.0338	4.5681	0.0202	4.5882	1.2116	0.0186	1.2301		3,368.1637	3,368.1637	0.0674		3,369.8485
Total	**1.6984**	**13.9830**	**12.4067**	**0.0878**	**6.0120**	**0.0376**	**6.0496**	**1.6272**	**0.0352**	**1.6624**		**9,023.8229**	**9,023.8229**	**0.3469**		**9,032.4961**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0310		0.0846	0.0846		0.0846	0.0846	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**0.5335**	**10.9122**	**17.8738**	**0.0310**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

3.4 Building Construction - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3425	13.2897	2.0167	0.0540	1.4439	0.0174	1.4614	0.4156	0.0167	0.4323		5,655.6592	5,655.6592	0.2795		5,662.6476
Worker	1.3559	0.6934	10.3901	0.0338	4.5681	0.0202	4.5882	1.2116	0.0186	1.2301		3,368.1637	3,368.1637	0.0674		3,369.8485
Total	**1.6984**	**13.9830**	**12.4067**	**0.0878**	**6.0120**	**0.0376**	**6.0496**	**1.6272**	**0.0352**	**1.6624**		**9,023.8229**	**9,023.8229**	**0.3469**		**9,032.4961**

3.4 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**

3.4 Building Construction - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3380	13.1720	1.9855	0.0539	1.4439	0.0169	1.4608	0.4156	0.0162	0.4318		5,646.2838	5,646.2838	0.2755		5,653.1712
Worker	1.2280	0.6222	9.6309	0.0330	4.5681	0.0188	4.5868	1.2116	0.0173	1.2288		3,291.1267	3,291.1267	0.0601		3,292.6293
Total	**1.5660**	**13.7942**	**11.6163**	**0.0869**	**6.0120**	**0.0357**	**6.0477**	**1.6272**	**0.0334**	**1.6606**		**8,937.4105**	**8,937.4105**	**0.3356**		**8,945.8005**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0310		0.0846	0.0846		0.0846	0.0846	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**0.5335**	**10.9122**	**17.8738**	**0.0310**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

3.4 Building Construction - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3380	13.1720	1.9855	0.0539	1.4439	0.0169	1.4608	0.4156	0.0162	0.4318		5,646.2838	5,646.2838	0.2755		5,653.1712
Worker	1.2280	0.6222	9.6309	0.0330	4.5681	0.0188	4.5868	1.2116	0.0173	1.2288		3,291.1267	3,291.1267	0.0601		3,292.6293
Total	**1.5660**	**13.7942**	**11.6163**	**0.0869**	**6.0120**	**0.0357**	**6.0477**	**1.6272**	**0.0334**	**1.6606**		**8,937.4105**	**8,937.4105**	**0.3356**		**8,945.8005**

3.4 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**

3.4 Building Construction - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3341	13.0680	1.9585	0.0539	1.4439	0.0164	1.4604	0.4156	0.0157	0.4313		5,639.4174	5,639.4174	0.2726		5,646.2333
Worker	1.1088	0.5582	8.9519	0.0323	4.5681	0.0174	4.5855	1.2116	0.0160	1.2276		3,223.6887	3,223.6887	0.0536		3,225.0291
Total	**1.4429**	**13.6262**	**10.9104**	**0.0862**	**6.0120**	**0.0339**	**6.0459**	**1.6272**	**0.0317**	**1.6589**		**8,863.1061**	**8,863.1061**	**0.3263**		**8,871.2624**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0310		0.0846	0.0846		0.0846	0.0846	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**0.5335**	**10.9122**	**17.8738**	**0.0310**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

3.4 Building Construction - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3341	13.0680	1.9585	0.0539	1.4439	0.0164	1.4604	0.4156	0.0157	0.4313		5,639.4174	5,639.4174	0.2726		5,646.2333
Worker	1.1088	0.5582	8.9519	0.0323	4.5681	0.0174	4.5855	1.2116	0.0160	1.2276		3,223.6887	3,223.6887	0.0536		3,225.0291
Total	**1.4429**	**13.6262**	**10.9104**	**0.0862**	**6.0120**	**0.0339**	**6.0459**	**1.6272**	**0.0317**	**1.6589**		**8,863.1061**	**8,863.1061**	**0.3263**		**8,871.2624**

3.4 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**

3.4 Building Construction - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3309	12.9778	1.9362	0.0538	1.4439	0.0160	1.4599	0.4156	0.0153	0.4309		5,634.6262	5,634.6262	0.2698		5,641.3701
Worker	1.0065	0.5058	8.3231	0.0317	4.5681	0.0162	4.5843	1.2116	0.0149	1.2265		3,164.9425	3,164.9425	0.0477		3,166.1340
Total	**1.3374**	**13.4836**	**10.2593**	**0.0856**	**6.0120**	**0.0322**	**6.0442**	**1.6272**	**0.0302**	**1.6574**		**8,799.5687**	**8,799.5687**	**0.3174**		**8,807.5041**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0310		0.0846	0.0846		0.0846	0.0846	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**0.5335**	**10.9122**	**17.8738**	**0.0310**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

3.4 Building Construction - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3309	12.9778	1.9362	0.0538	1.4439	0.0160	1.4599	0.4156	0.0153	0.4309		5,634.6262	5,634.6262	0.2698		5,641.3701
Worker	1.0065	0.5058	8.3231	0.0317	4.5681	0.0162	4.5843	1.2116	0.0149	1.2265		3,164.9425	3,164.9425	0.0477		3,166.1340
Total	**1.3374**	**13.4836**	**10.2593**	**0.0856**	**6.0120**	**0.0322**	**6.0442**	**1.6272**	**0.0302**	**1.6574**		**8,799.5687**	**8,799.5687**	**0.3174**		**8,807.5041**

3.4 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**

3.4 Building Construction - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0310		0.0846	0.0846		0.0846	0.0846	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**0.5335**	**10.9122**	**17.8738**	**0.0310**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

3.4 Building Construction - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

3.4 Building Construction - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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**

3.4 Building Construction - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0310		0.0846	0.0846		0.0846	0.0846	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**0.5335**	**10.9122**	**17.8738**	**0.0310**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

3.4 Building Construction - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

3.4 Building Construction - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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**

3.4 Building Construction - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0310		0.0846	0.0846		0.0846	0.0846	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**0.5335**	**10.9122**	**17.8738**	**0.0310**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

3.4 Building Construction - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

3.4 Building Construction - 2038

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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**

3.4 Building Construction - 2038

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0310		0.0846	0.0846		0.0846	0.0846	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**0.5335**	**10.9122**	**17.8738**	**0.0310**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

3.4 Building Construction - 2038

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

3.4 Building Construction - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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**

3.4 Building Construction - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0310		0.0846	0.0846		0.0846	0.0846	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**0.5335**	**10.9122**	**17.8738**	**0.0310**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

3.4 Building Construction - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

3.5 Paving - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**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**

3.5 Paving - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0290	0.0146	0.2449	9.8000e-004	0.1431	4.7000e-004	0.1435	0.0379	4.4000e-004	0.0384		97.5416	97.5416	1.3400e-003		97.5752
Total	**0.0290**	**0.0146**	**0.2449**	**9.8000e-004**	**0.1431**	**4.7000e-004**	**0.1435**	**0.0379**	**4.4000e-004**	**0.0384**		**97.5416**	**97.5416**	**1.3400e-003**		**97.5752**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0281		0.0374	0.0374		0.0374	0.0374	0.0000	2,656.5168	2,656.5168	0.1022		2,659.0726
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0281**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,656.5168**	**2,656.5168**	**0.1022**		**2,659.0726**

3.5 Paving - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0290	0.0146	0.2449	9.8000e-004	0.1431	4.7000e-004	0.1435	0.0379	4.4000e-004	0.0384		97.5416	97.5416	1.3400e-003		97.5752
Total	**0.0290**	**0.0146**	**0.2449**	**9.8000e-004**	**0.1431**	**4.7000e-004**	**0.1435**	**0.0379**	**4.4000e-004**	**0.0384**		**97.5416**	**97.5416**	**1.3400e-003**		**97.5752**

3.5 Paving - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0112**	**3.6566**	**15.8177**	**0.0281**		**0.1164**	**0.1164**		**0.1164**	**0.1164**		**2,656.5168**	**2,656.5168**	**0.0893**		**2,658.7489**

3.5 Paving - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0204	0.0109	0.1984	9.3000e-004	0.1431	3.6000e-004	0.1434	0.0379	3.3000e-004	0.0383		92.7145	92.7145	9.2000e-004		92.7376
Total	**0.0204**	**0.0109**	**0.1984**	**9.3000e-004**	**0.1431**	**3.6000e-004**	**0.1434**	**0.0379**	**3.3000e-004**	**0.0383**		**92.7145**	**92.7145**	**9.2000e-004**		**92.7376**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0281		0.0374	0.0374		0.0374	0.0374	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0281**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,656.5168**	**2,656.5168**	**0.0893**		**2,658.7489**

3.5 Paving - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0204	0.0109	0.1984	9.3000e-004	0.1431	3.6000e-004	0.1434	0.0379	3.3000e-004	0.0383		92.7145	92.7145	9.2000e-004		92.7376
Total	**0.0204**	**0.0109**	**0.1984**	**9.3000e-004**	**0.1431**	**3.6000e-004**	**0.1434**	**0.0379**	**3.3000e-004**	**0.0383**		**92.7145**	**92.7145**	**9.2000e-004**		**92.7376**

3.6 Architectural Coating - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	26.6754					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	**26.7903**	**0.7270**	**1.7923**	**2.9700e-003**		**7.4300e-003**	**7.4300e-003**		**7.4300e-003**	**7.4300e-003**		**281.4481**	**281.4481**	**9.9000e-003**		**281.6957**

3.6 Architectural Coating - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1304	0.0699	1.2698	5.9400e-003	0.9155	2.2800e-003	0.9178	0.2428	2.1000e-003	0.2449		593.3730	593.3730	5.8900e-003		593.5203
Total	**0.1304**	**0.0699**	**1.2698**	**5.9400e-003**	**0.9155**	**2.2800e-003**	**0.9178**	**0.2428**	**2.1000e-003**	**0.2449**		**593.3730**	**593.3730**	**5.8900e-003**		**593.5203**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	26.6754					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	**26.7299**	**1.0598**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**9.9000e-003**		**281.6957**

3.6 Architectural Coating - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1304	0.0699	1.2698	5.9400e-003	0.9155	2.2800e-003	0.9178	0.2428	2.1000e-003	0.2449		593.3730	593.3730	5.8900e-003		593.5203
Total	**0.1304**	**0.0699**	**1.2698**	**5.9400e-003**	**0.9155**	**2.2800e-003**	**0.9178**	**0.2428**	**2.1000e-003**	**0.2449**		**593.3730**	**593.3730**	**5.8900e-003**		**593.5203**

3.6 Architectural Coating - 2041

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	26.6754					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	**26.7903**	**0.7270**	**1.7923**	**2.9700e-003**		**7.4300e-003**	**7.4300e-003**		**7.4300e-003**	**7.4300e-003**		**281.4481**	**281.4481**	**9.9000e-003**		**281.6957**

3.6 Architectural Coating - 2041

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1304	0.0699	1.2698	5.9400e-003	0.9155	2.2800e-003	0.9178	0.2428	2.1000e-003	0.2449		593.3730	593.3730	5.8900e-003		593.5203
Total	**0.1304**	**0.0699**	**1.2698**	**5.9400e-003**	**0.9155**	**2.2800e-003**	**0.9178**	**0.2428**	**2.1000e-003**	**0.2449**		**593.3730**	**593.3730**	**5.8900e-003**		**593.5203**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	26.6754					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	**26.7299**	**1.0598**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**9.9000e-003**		**281.6957**

3.6 Architectural Coating - 2041

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1304	0.0699	1.2698	5.9400e-003	0.9155	2.2800e-003	0.9178	0.2428	2.1000e-003	0.2449		593.3730	593.3730	5.8900e-003		593.5203
Total	**0.1304**	**0.0699**	**1.2698**	**5.9400e-003**	**0.9155**	**2.2800e-003**	**0.9178**	**0.2428**	**2.1000e-003**	**0.2449**		**593.3730**	**593.3730**	**5.8900e-003**		**593.5203**

3.6 Architectural Coating - 2042

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	26.6754					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	**26.7903**	**0.7270**	**1.7923**	**2.9700e-003**		**7.4300e-003**	**7.4300e-003**		**7.4300e-003**	**7.4300e-003**		**281.4481**	**281.4481**	**9.9000e-003**		**281.6957**

3.6 Architectural Coating - 2042

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1304	0.0699	1.2698	5.9400e-003	0.9155	2.2800e-003	0.9178	0.2428	2.1000e-003	0.2449		593.3730	593.3730	5.8900e-003		593.5203
Total	**0.1304**	**0.0699**	**1.2698**	**5.9400e-003**	**0.9155**	**2.2800e-003**	**0.9178**	**0.2428**	**2.1000e-003**	**0.2449**		**593.3730**	**593.3730**	**5.8900e-003**		**593.5203**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	26.6754					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	**26.7299**	**1.0598**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**9.9000e-003**		**281.6957**

3.6 Architectural Coating - 2042

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1304	0.0699	1.2698	5.9400e-003	0.9155	2.2800e-003	0.9178	0.2428	2.1000e-003	0.2449		593.3730	593.3730	5.8900e-003		593.5203
Total	**0.1304**	**0.0699**	**1.2698**	**5.9400e-003**	**0.9155**	**2.2800e-003**	**0.9178**	**0.2428**	**2.1000e-003**	**0.2449**		**593.3730**	**593.3730**	**5.8900e-003**		**593.5203**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	23.3176	51.5898	190.7886	0.7086	84.8333	0.5268	85.3601	22.6838	0.4930	23.1768		71,334.5451	71,334.5451	1.8627		71,381.1116
Unmitigated	23.3176	51.5898	190.7886	0.7086	84.8333	0.5268	85.3601	22.6838	0.4930	23.1768		71,334.5451	71,334.5451	1.8627		71,381.1116

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	1,158.01	1,251.21	1060.15	3,186,535	3,186,535
Medical Office Building	6,888.00	1,707.65	295.20	10,189,680	10,189,680
Single Family Housing	3,977.12	4,136.58	3597.23	10,863,568	10,863,568
Strip Mall	7,615.20	7,264.80	3530.40	10,751,895	10,751,895
Total	19,638.33	14,360.24	8,482.98	34,991,678	34,991,678

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 Low Rise	10.51	7.30	7.50	35.00	17.00	48.00	86	11	3
Medical Office Building	9.50	7.30	7.30	29.60	51.40	19.00	60	30	10
Single Family Housing	10.51	7.30	7.50	35.00	17.00	48.00	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.560217	0.037268	0.196049	0.130788	0.044300	0.003426	0.018589	0.001200	0.001370	0.000987	0.004303	0.001016	0.000487
Medical Office Building	0.560217	0.037268	0.196049	0.130788	0.044300	0.003426	0.018589	0.001200	0.001370	0.000987	0.004303	0.001016	0.000487
Single Family Housing	0.560217	0.037268	0.196049	0.130788	0.044300	0.003426	0.018589	0.001200	0.001370	0.000987	0.004303	0.001016	0.000487
Strip Mall	0.560217	0.037268	0.196049	0.130788	0.044300	0.003426	0.018589	0.001200	0.001370	0.000987	0.004303	0.001016	0.000487

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.6145	5.3360	2.8543	0.0335		0.4246	0.4246		0.4246	0.4246		6,704.0009	6,704.0009	0.1285	0.1229	6,743.8394
NaturalGas Unmitigated	0.6145	5.3360	2.8543	0.0335		0.4246	0.4246		0.4246	0.4246		6,704.0009	6,704.0009	0.1285	0.1229	6,743.8394

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	9024.1	0.0973	0.8316	0.3539	5.3100e-003		0.0672	0.0672		0.0672	0.0672		1,061.6584	1,061.6584	0.0204	0.0195	1,067.9673
Medical Office Building	7329.45	0.0790	0.7186	0.6036	4.3100e-003		0.0546	0.0546		0.0546	0.0546		862.2885	862.2885	0.0165	0.0158	867.4126
Single Family Housing	33594.8	0.3623	3.0960	1.3174	0.0198		0.2503	0.2503		0.2503	0.2503		3,952.3344	3,952.3344	0.0758	0.0725	3,975.8212
Strip Mall	7035.62	0.0759	0.6898	0.5794	4.1400e-003		0.0524	0.0524		0.0524	0.0524		827.7196	827.7196	0.0159	0.0152	832.6383
Total		**0.6145**	**5.3360**	**2.8543**	**0.0335**		**0.4246**	**0.4246**		**0.4246**	**0.4246**		**6,704.0009**	**6,704.0009**	**0.1285**	**0.1229**	**6,743.8394**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	9.0241	0.0973	0.8316	0.3539	5.3100e-003		0.0672	0.0672		0.0672	0.0672		1,061.6584	1,061.6584	0.0204	0.0195	1,067.9673
Medical Office Building	7.32945	0.0790	0.7186	0.6036	4.3100e-003		0.0546	0.0546		0.0546	0.0546		862.2885	862.2885	0.0165	0.0158	867.4126
Single Family Housing	33.5948	0.3623	3.0960	1.3174	0.0198		0.2503	0.2503		0.2503	0.2503		3,952.3344	3,952.3344	0.0758	0.0725	3,975.8212
Strip Mall	7.03562	0.0759	0.6898	0.5794	4.1400e-003		0.0524	0.0524		0.0524	0.0524		827.7196	827.7196	0.0159	0.0152	832.6383
Total		**0.6145**	**5.3360**	**2.8543**	**0.0335**		**0.4246**	**0.4246**		**0.4246**	**0.4246**		**6,704.0009**	**6,704.0009**	**0.1285**	**0.1229**	**6,743.8394**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	36.9468	3.0405	58.7678	0.0182		0.5133	0.5133		0.5133	0.5133	0.0000	3,135.3693	3,135.3693	0.1576	0.0556	3,155.8691
Unmitigated	36.9468	3.0405	58.7678	0.0182		0.5133	0.5133		0.5133	0.5133	0.0000	3,135.3693	3,135.3693	0.1576	0.0556	3,155.8691

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	7.2353					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	27.7040					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.2778	2.3743	1.0103	0.0152		0.1920	0.1920		0.1920	0.1920	0.0000	3,030.9882	3,030.9882	0.0581	0.0556	3,048.9999
Landscaping	1.7297	0.6662	57.7575	3.0600e-003		0.3213	0.3213		0.3213	0.3213		104.3811	104.3811	0.0995		106.8692
Total	**36.9468**	**3.0405**	**58.7678**	**0.0182**		**0.5133**	**0.5133**		**0.5133**	**0.5133**	**0.0000**	**3,135.3693**	**3,135.3693**	**0.1576**	**0.0556**	**3,155.8691**

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	7.2353					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	27.7040					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.2778	2.3743	1.0103	0.0152		0.1920	0.1920		0.1920	0.1920	0.0000	3,030.9882	3,030.9882	0.0581	0.0556	3,048.9999
Landscaping	1.7297	0.6662	57.7575	3.0600e-003		0.3213	0.3213		0.3213	0.3213		104.3811	104.3811	0.0995		106.8692
Total	**36.9468**	**3.0405**	**58.7678**	**0.0182**		**0.5133**	**0.5133**		**0.5133**	**0.5133**	**0.0000**	**3,135.3693**	**3,135.3693**	**0.1576**	**0.0556**	**3,155.8691**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

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

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	205.00	1000sqft	0.00	205,000.00	0
Apartments Low Rise	233.00	Dwelling Unit	0.00	233,000.00	576
Single Family Housing	489.00	Dwelling Unit	182.50	880,200.00	1208
Strip Mall	98.20	1000sqft	2.25	98,200.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	71
Climate Zone	3			**Operational Year**	2035
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	290	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Using the 2020 PG&E CO2 rate

Land Use - Land uses from traffic report, acreage from PD (313) less open space (108.2) less RS-20 area (22.3) = 182.5ac. 2.47 persons per household per US Census (1,784 total pop).

Construction Phase - default

Trips and VMT -

Grading -

Architectural Coating - Low VOC Paint

Vehicle Trips - Trip rates from project traffic report incl trip reductions. Trip lengths based on ACS data and statewide averages for urban trips.

Woodstoves - No woodstoves or wood fireplaces, up to 25% gas-powered fireplaces in SFR only.

Energy Use - This screen no manually changed

Construction Off-road Equipment Mitigation - Tier 4 engines for equip

Mobile Land Use Mitigation -

Energy Mitigation - energy-efficient appliances

Fleet Mix - Chico-specific traffic mix data

Consumer Products - 2012 CARB Almanac emissions data

Area Coating - 150 g/L Rule 230

Solid Waste - Per county data (B. Mannel, 2014) the Neal Road Landfill captures at least 90% methane

Area Mitigation - 150 g/L Rule 230

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaCoating	Area_EF_Nonresidential_Interior	250	150
tblAreaCoating	Area_EF_Residential_Exterior	250	150

tblAreaCoating	Area_EF_Residential_Interior	250	150
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	150
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
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	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConsumerProducts	ROG_EF	2.14E-05	1.82E-05
tblEnergyUse	LightingElect	2.99	2.92
tblEnergyUse	LightingElect	3.81	3.71
tblEnergyUse	NT24E	3,418.36	3,172.76
tblEnergyUse	NT24E	6,680.41	6,155.97
tblEnergyUse	T24E	818.86	694.40
tblEnergyUse	T24E	2.75	2.62
tblEnergyUse	T24E	1,127.90	995.93
tblEnergyUse	T24E	2.24	2.14
tblEnergyUse	T24NG	15,026.63	10,413.46
tblEnergyUse	T24NG	12.84	12.77
tblEnergyUse	T24NG	28,382.58	22,422.24
tblEnergyUse	T24NG	8.66	8.62
tblFireplaces	FireplaceWoodMass	5,158.40	0.00
tblFireplaces	FireplaceWoodMass	5,158.40	0.00
tblFireplaces	NumberGas	100.19	0.00
tblFireplaces	NumberGas	201.67	122.00
tblFireplaces	NumberNoFireplace	41.94	233.00
tblFireplaces	NumberNoFireplace	84.42	367.00
tblFireplaces	NumberWood	90.87	0.00
tblFireplaces	NumberWood	182.91	0.00

tblFleetMix	HHD	0.09	1.2000e-003
tblFleetMix	HHD	0.09	1.2000e-003
tblFleetMix	HHD	0.09	1.2000e-003
tblFleetMix	HHD	0.09	1.2000e-003
tblFleetMix	LDA	0.59	0.65
tblFleetMix	LDA	0.59	0.65
tblFleetMix	LDT1	0.03	0.03
tblFleetMix	LDT1	0.03	0.03
tblFleetMix	LDT1	0.03	0.03
tblFleetMix	LDT1	0.03	0.03
tblFleetMix	LDT2	0.17	0.18
tblFleetMix	LDT2	0.17	0.18
tblFleetMix	LDT2	0.17	0.18
tblFleetMix	LDT2	0.17	0.18
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	MDV	0.09	0.09
tblFleetMix	MDV	0.09	0.09
tblFleetMix	MDV	0.09	0.09
tblFleetMix	MDV	0.09	0.09
tblLandUse	LotAcreage	4.71	0.00
tblLandUse	LotAcreage	14.56	0.00
tblLandUse	LotAcreage	158.77	182.50
tblLandUse	Population	666.00	576.00
tblLandUse	Population	1,399.00	1,208.00

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tblProjectCharacteristics	CO2IntensityFactor	641.35	290
tblProjectCharacteristics	OperationalYear	2018	2035
tblSolidWaste	LandfillCaptureGasEnergyRecovery	0.00	90.00
tblSolidWaste	LandfillCaptureGasEnergyRecovery	0.00	90.00
tblSolidWaste	LandfillCaptureGasEnergyRecovery	0.00	90.00
tblSolidWaste	LandfillCaptureGasEnergyRecovery	0.00	90.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	4.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	4.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	4.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	4.00
tblVehicleTrips	CC_TL	10.52	7.30
tblVehicleTrips	CC_TL	10.52	7.30
tblVehicleTrips	CNW_TL	10.52	7.30
tblVehicleTrips	CNW_TL	10.52	7.30
tblVehicleTrips	CW_TL	10.52	9.50
tblVehicleTrips	CW_TL	10.52	9.50
tblVehicleTrips	HO_TL	7.22	7.50
tblVehicleTrips	HO_TL	7.22	7.50
tblVehicleTrips	HS_TL	7.22	7.30
tblVehicleTrips	HS_TL	7.22	7.30
tblVehicleTrips	HW_TL	12.54	10.51
tblVehicleTrips	HW_TL	12.54	10.51
tblVehicleTrips	ST_TR	7.16	5.37
tblVehicleTrips	ST_TR	8.96	8.33
tblVehicleTrips	ST_TR	9.91	8.82
tblVehicleTrips	ST_TR	42.04	30.27
tblVehicleTrips	SU_TR	6.07	4.55

tblVehicleTrips	SU_TR	1.55	1.44
tblVehicleTrips	SU_TR	8.62	7.67
tblVehicleTrips	SU_TR	20.43	14.71
tblVehicleTrips	WD_TR	6.59	4.97
tblVehicleTrips	WD_TR	36.13	33.60
tblVehicleTrips	WD_TR	9.52	8.48
tblVehicleTrips	WD_TR	44.32	31.73
tblWoodstoves	NumberCatalytic	20.97	0.00
tblWoodstoves	NumberCatalytic	42.21	0.00
tblWoodstoves	NumberNoncatalytic	20.97	0.00
tblWoodstoves	NumberNoncatalytic	42.21	0.00
tblWoodstoves	WoodstoveDayYear	150.00	0.00
tblWoodstoves	WoodstoveDayYear	150.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.3383	3.4717	1.7532	3.0200e-003	1.6385	0.1818	1.8202	0.8971	0.1672	1.0643	0.0000	271.4770	271.4770	0.0828	0.0000	273.5472

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.5928	6.4805	4.1661	8.0300e-003	3.6662	0.2853	3.9515	1.7363	0.2625	1.9987	0.0000	705.9499	705.9499	0.2224	0.0000	711.5086
2021	0.5732	5.9723	4.2894	9.2700e-003	2.1242	0.2455	2.3696	0.8653	0.2261	1.0915	0.0000	822.1882	822.1882	0.2220	0.0000	827.7382
2022	0.6093	4.7913	5.0607	0.0162	0.7500	0.1176	0.8676	0.2038	0.1107	0.3145	0.0000	1,485.3027	1,485.3027	0.1478	0.0000	1,488.9966
2023	0.5490	4.1062	4.7155	0.0159	0.7500	0.0985	0.8484	0.2038	0.0926	0.2964	0.0000	1,455.9959	1,455.9959	0.1288	0.0000	1,459.2156
2024	0.5178	3.9432	4.5170	0.0158	0.7557	0.0875	0.8432	0.2053	0.0823	0.2876	0.0000	1,444.4562	1,444.4562	0.1272	0.0000	1,447.6360
2025	0.4838	3.7387	4.3008	0.0155	0.7528	0.0757	0.8285	0.2046	0.0712	0.2757	0.0000	1,416.8463	1,416.8463	0.1240	0.0000	1,419.9473
2026	0.4673	3.6827	4.1364	0.0153	0.7528	0.0754	0.8282	0.2046	0.0709	0.2754	0.0000	1,396.5864	1,396.5864	0.1221	0.0000	1,399.6387
2027	0.4512	3.6319	3.9832	0.0151	0.7528	0.0751	0.8279	0.2046	0.0706	0.2751	0.0000	1,378.2282	1,378.2282	0.1200	0.0000	1,381.2281
2028	0.4326	3.5758	3.8384	0.0148	0.7500	0.0744	0.8244	0.2038	0.0700	0.2737	0.0000	1,356.8616	1,356.8616	0.1178	0.0000	1,359.8056
2029	0.4160	3.5509	3.7254	0.0147	0.7528	0.0744	0.8272	0.2046	0.0699	0.2745	0.0000	1,347.6629	1,347.6629	0.1165	0.0000	1,350.5753
2030	0.3899	2.9245	3.6184	0.0151	0.7528	0.0245	0.7774	0.2046	0.0242	0.2288	0.0000	1,375.3817	1,375.3817	0.0575	0.0000	1,376.8186
2031	0.3697	2.8927	3.5032	0.0150	0.7528	0.0243	0.7771	0.2046	0.0239	0.2285	0.0000	1,364.3109	1,364.3109	0.0558	0.0000	1,365.7061
2032	0.3561	2.8773	3.4275	0.0149	0.7557	0.0241	0.7798	0.2053	0.0238	0.2291	0.0000	1,360.1415	1,360.1415	0.0547	0.0000	1,361.5101
2033	0.3395	2.8320	3.3224	0.0147	0.7500	0.0237	0.7736	0.2038	0.0234	0.2272	0.0000	1,341.7405	1,341.7405	0.0533	0.0000	1,343.0728
2034	0.3279	2.8122	3.2500	0.0147	0.7500	0.0235	0.7734	0.2038	0.0232	0.2270	0.0000	1,334.8898	1,334.8898	0.0523	0.0000	1,336.1974
2035	0.3077	2.7061	3.1990	0.0147	0.7528	0.0158	0.7687	0.2046	0.0156	0.2201	0.0000	1,334.2150	1,334.2150	0.0507	0.0000	1,335.4832
2036	0.3089	2.7165	3.2113	0.0147	0.7557	0.0159	0.7716	0.2053	0.0156	0.2210	0.0000	1,339.3270	1,339.3270	0.0509	0.0000	1,340.5999
2037	0.3077	2.7061	3.1990	0.0147	0.7528	0.0158	0.7687	0.2046	0.0156	0.2201	0.0000	1,334.2150	1,334.2150	0.0507	0.0000	1,335.4832

	ROG	NOx	CO	SO2	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					
2038	0.3077	2.7061	3.1990	0.0147	0.7528	0.0158	0.7687	0.2046	0.0156	0.2201	0.0000	1,334.2150	1,334.2150	0.0507	0.0000	1,335.4832
2039	0.2618	2.1016	2.8682	0.0115	0.5388	0.0183	0.5570	0.1464	0.0181	0.1644	0.0000	1,039.0653	1,039.0653	0.0395	0.0000	1,040.0520
2040	0.2120	0.4701	2.0455	3.7100e-003	0.0201	0.0149	0.0350	5.3500e-003	0.0149	0.0203	0.0000	319.1277	319.1277	0.0105	0.0000	319.3892
2041	3.5113	0.1048	0.3671	1.0800e-003	0.1144	1.2700e-003	0.1157	0.0305	1.2400e-003	0.0317	0.0000	96.4744	96.4744	1.7700e-003	0.0000	96.5188
2042	0.8476	0.0253	0.0886	2.6000e-004	0.0276	3.1000e-004	0.0279	7.3500e-003	3.0000e-004	7.6500e-003	0.0000	23.2869	23.2869	4.3000e-004	0.0000	23.2976
Maximum	**3.5113**	**6.4805**	**5.0607**	**0.0162**	**3.6662**	**0.2853**	**3.9515**	**1.7363**	**0.2625**	**1.9987**	**0.0000**	**1,485.3027**	**1,485.3027**	**0.2224**	**0.0000**	**1,488.9966**

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.0618	0.9325	1.8214	3.0200e-003	0.3783	4.8300e-003	0.3832	0.2044	4.8200e-003	0.2092	0.0000	271.4766	271.4766	0.0828	0.0000	273.5469
2020	0.1431	2.4385	4.7438	8.0300e-003	0.8432	0.0129	0.8562	0.3955	0.0129	0.4085	0.0000	705.9490	705.9490	0.2224	0.0000	711.5077
2021	0.1853	2.7411	4.9839	9.2700e-003	0.5614	0.0148	0.5761	0.2173	0.0147	0.2319	0.0000	822.1875	822.1875	0.2220	0.0000	827.7374
2022	0.4568	4.1799	5.2571	0.0162	0.7500	0.0234	0.7734	0.2038	0.0227	0.2265	0.0000	1,485.3024	1,485.3024	0.1478	0.0000	1,488.9962
2023	0.4139	3.6548	4.9274	0.0159	0.7500	0.0185	0.7684	0.2038	0.0180	0.2218	0.0000	1,455.9956	1,455.9956	0.1288	0.0000	1,459.2152
2024	0.3950	3.6115	4.7406	0.0158	0.7557	0.0183	0.7740	0.2053	0.0178	0.2231	0.0000	1,444.4558	1,444.4558	0.1272	0.0000	1,447.6356

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2025	0.3750	3.5354	4.5343	0.0155	0.7528	0.0179	0.7707	0.2046	0.0175	0.2220	0.0000	1,416.8460	1,416.8460	0.1240	0.0000	1,419.9469
2026	0.3585	3.4794	4.3699	0.0153	0.7528	0.0176	0.7704	0.2046	0.0172	0.2217	0.0000	1,396.5861	1,396.5861	0.1221	0.0000	1,399.6383
2027	0.3423	3.4286	4.2167	0.0151	0.7528	0.0172	0.7701	0.2046	0.0169	0.2214	0.0000	1,378.2278	1,378.2278	0.1200	0.0000	1,381.2277
2028	0.3242	3.3733	4.0710	0.0148	0.7500	0.0168	0.7668	0.2038	0.0164	0.2202	0.0000	1,356.8613	1,356.8613	0.1178	0.0000	1,359.8053
2029	0.3071	3.3476	3.9589	0.0147	0.7528	0.0166	0.7694	0.2046	0.0162	0.2208	0.0000	1,347.6625	1,347.6625	0.1165	0.0000	1,350.5750
2030	0.2887	3.3131	3.8424	0.0151	0.7528	0.0163	0.7691	0.2046	0.0159	0.2205	0.0000	1,375.3813	1,375.3813	0.0575	0.0000	1,376.8182
2031	0.2685	3.2812	3.7272	0.0150	0.7528	0.0160	0.7688	0.2046	0.0157	0.2202	0.0000	1,364.3105	1,364.3105	0.0558	0.0000	1,365.7057
2032	0.2545	3.2674	3.6524	0.0149	0.7557	0.0158	0.7715	0.2053	0.0155	0.2208	0.0000	1,360.1411	1,360.1411	0.0547	0.0000	1,361.5097
2033	0.2387	3.2191	3.5456	0.0147	0.7500	0.0154	0.7654	0.2038	0.0151	0.2189	0.0000	1,341.7401	1,341.7401	0.0533	0.0000	1,343.0724
2034	0.2271	3.1993	3.4731	0.0147	0.7500	0.0152	0.7651	0.2038	0.0149	0.2187	0.0000	1,334.8893	1,334.8893	0.0523	0.0000	1,336.1970
2035	0.2185	3.1956	3.4282	0.0147	0.7528	0.0151	0.7679	0.2046	0.0148	0.2194	0.0000	1,334.2146	1,334.2146	0.0507	0.0000	1,335.4827
2036	0.2194	3.2078	3.4413	0.0147	0.7557	0.0151	0.7708	0.2053	0.0149	0.2202	0.0000	1,339.3266	1,339.3266	0.0509	0.0000	1,340.5995
2037	0.2185	3.1956	3.4282	0.0147	0.7528	0.0151	0.7679	0.2046	0.0148	0.2194	0.0000	1,334.2146	1,334.2146	0.0507	0.0000	1,335.4827
2038	0.2185	3.1956	3.4282	0.0147	0.7528	0.0151	0.7679	0.2046	0.0148	0.2194	0.0000	1,334.2146	1,334.2146	0.0507	0.0000	1,335.4827
2039	0.1684	2.6422	3.0860	0.0115	0.5388	0.0121	0.5509	0.1464	0.0119	0.1583	0.0000	1,039.0649	1,039.0649	0.0395	0.0000	1,040.0517
2040	0.1255	1.2850	2.2341	3.7100e-003	0.0201	4.8300e-003	0.0249	5.3500e-003	4.8300e-003	0.0102	0.0000	319.1273	319.1273	0.0105	0.0000	319.3888
2041	3.5034	0.1482	0.3723	1.0800e-003	0.1144	8.1000e-004	0.1152	0.0305	7.9000e-004	0.0312	0.0000	96.4744	96.4744	1.7700e-003	0.0000	96.5188
2042	0.8457	0.0358	0.0899	2.6000e-004	0.0276	2.0000e-004	0.0278	7.3500e-003	1.9000e-004	7.5400e-003	0.0000	23.2869	23.2869	4.3000e-004	0.0000	23.2976

Maximum	3.5034	4.1799	5.2571	0.0162	0.8432	0.0234	0.8562	0.3955	0.0227	0.4085	0.0000	1,485.3024	1,485.3024	0.2224	0.0000	1,488.9962

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	23.50	9.24	-7.00	0.00	26.99	79.14	30.71	37.43	78.19	44.52	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	6-1-2019	8-31-2019	1.6475	0.4302
2	9-1-2019	11-30-2019	1.6299	0.4258
3	12-1-2019	2-29-2020	1.6205	0.4838
4	3-1-2020	5-31-2020	1.8033	0.6741
5	6-1-2020	8-31-2020	1.8031	0.6740
6	9-1-2020	11-30-2020	1.7838	0.6669
7	12-1-2020	2-28-2021	1.6783	0.6592
8	3-1-2021	5-31-2021	1.6693	0.6734
9	6-1-2021	8-31-2021	1.6692	0.6733
10	9-1-2021	11-30-2021	1.6314	0.7345
11	12-1-2021	2-28-2022	1.3915	1.1803
12	3-1-2022	5-31-2022	1.3654	1.1723
13	6-1-2022	8-31-2022	1.3582	1.1651
14	9-1-2022	11-30-2022	1.3576	1.1666
15	12-1-2022	2-28-2023	1.2275	1.0673
16	3-1-2023	5-31-2023	1.1790	1.0308
17	6-1-2023	8-31-2023	1.1739	1.0257
18	9-1-2023	11-30-2023	1.1713	1.0246
19	12-1-2023	2-29-2024	1.1379	1.0136
20	3-1-2024	5-31-2024	1.1211	1.0071
21	6-1-2024	8-31-2024	1.1164	1.0024

22	**9-1-2024**	**11-30-2024**	1.1135	1.0007
23	**12-1-2024**	**2-28-2025**	1.0694	0.9806
24	**3-1-2025**	**5-31-2025**	1.0651	0.9865
25	**6-1-2025**	**8-31-2025**	1.0608	0.9822
26	**9-1-2025**	**11-30-2025**	1.0578	0.9800
27	**12-1-2025**	**2-28-2026**	1.0380	0.9612
28	**3-1-2026**	**5-31-2026**	1.0467	0.9681
29	**6-1-2026**	**8-31-2026**	1.0427	0.9641
30	**9-1-2026**	**11-30-2026**	1.0392	0.9615
31	**12-1-2026**	**2-28-2027**	1.0203	0.9434
32	**3-1-2027**	**5-31-2027**	1.0296	0.9510
33	**6-1-2027**	**8-31-2027**	1.0259	0.9473
34	**9-1-2027**	**11-30-2027**	1.0220	0.9443
35	**12-1-2027**	**2-29-2028**	1.0154	0.9376
36	**3-1-2028**	**5-31-2028**	1.0144	0.9359
37	**6-1-2028**	**8-31-2028**	1.0110	0.9324
38	**9-1-2028**	**11-30-2028**	1.0068	0.9290
39	**12-1-2028**	**2-28-2029**	0.9893	0.9124
40	**3-1-2029**	**5-31-2029**	0.9998	0.9212
41	**6-1-2029**	**8-31-2029**	0.9966	0.9181
42	**9-1-2029**	**11-30-2029**	0.9920	0.9143
43	**12-1-2029**	**2-28-2030**	0.8783	0.8982
44	**3-1-2030**	**5-31-2030**	0.8352	0.9075
45	**6-1-2030**	**8-31-2030**	0.8323	0.9046
46	**9-1-2030**	**11-30-2030**	0.8290	0.9006
47	**12-1-2030**	**2-28-2031**	0.8138	0.8845
48	**3-1-2031**	**5-31-2031**	0.8217	0.8940

49	**6-1-2031**	**8-31-2031**	0.8190	0.8913
50	**9-1-2031**	**11-30-2031**	0.8154	0.8870
51	**12-1-2031**	**2-29-2032**	0.8109	0.8824
52	**3-1-2032**	**5-31-2032**	0.8110	0.8833
53	**6-1-2032**	**8-31-2032**	0.8084	0.8808
54	**9-1-2032**	**11-30-2032**	0.8047	0.8762
55	**12-1-2032**	**2-28-2033**	0.7919	0.8626
56	**3-1-2033**	**5-31-2033**	0.8013	0.8736
57	**6-1-2033**	**8-31-2033**	0.7989	0.8712
58	**9-1-2033**	**11-30-2033**	0.7949	0.8665
59	**12-1-2033**	**2-28-2034**	0.7831	0.8539
60	**3-1-2034**	**5-31-2034**	0.7930	0.8654
61	**6-1-2034**	**8-31-2034**	0.7907	0.8630
62	**9-1-2034**	**11-30-2034**	0.7867	0.8583
63	**12-1-2034**	**2-28-2035**	0.7577	0.8467
64	**3-1-2035**	**5-31-2035**	0.7580	0.8588
65	**6-1-2035**	**8-31-2035**	0.7557	0.8565
66	**9-1-2035**	**11-30-2035**	0.7519	0.8516
67	**12-1-2035**	**2-29-2036**	0.7541	0.8538
68	**3-1-2036**	**5-31-2036**	0.7580	0.8588
69	**6-1-2036**	**8-31-2036**	0.7557	0.8565
70	**9-1-2036**	**11-30-2036**	0.7519	0.8516
71	**12-1-2036**	**2-28-2037**	0.7459	0.8445
72	**3-1-2037**	**5-31-2037**	0.7580	0.8588
73	**6-1-2037**	**8-31-2037**	0.7557	0.8565
74	**9-1-2037**	**11-30-2037**	0.7519	0.8516
75	**12-1-2037**	**2-28-2038**	0.7459	0.8445

76	**3-1-2038**	**5-31-2038**	0.7580	0.8588
77	**6-1-2038**	**8-31-2038**	0.7557	0.8565
78	**9-1-2038**	**11-30-2038**	0.7519	0.8516
79	**12-1-2038**	**2-28-2039**	0.7459	0.8445
80	**3-1-2039**	**5-31-2039**	0.7580	0.8588
81	**6-1-2039**	**8-31-2039**	0.7557	0.8565
82	**9-1-2039**	**11-30-2039**	0.2938	0.4280
83	**12-1-2039**	**2-29-2040**	0.1678	0.3383
84	**3-1-2040**	**5-31-2040**	0.1544	0.3419
85	**6-1-2040**	**8-31-2040**	0.1544	0.3419
86	**9-1-2040**	**11-30-2040**	0.1528	0.3382
87	**12-1-2040**	**2-28-2041**	0.7186	0.7681
88	**3-1-2041**	**5-31-2041**	0.9108	0.9198
89	**6-1-2041**	**8-31-2041**	0.9107	0.9197
90	**9-1-2041**	**11-30-2041**	0.9010	0.9099
91	**12-1-2041**	**2-28-2042**	0.8913	0.9000
92	**3-1-2042**	**5-31-2042**	0.2773	0.2800
		Highest	1.8033	1.1803

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	6.2067	0.2473	5.4239	1.4700e-003		0.0448	0.0448		0.0448	0.0448	0.0000	223.8004	223.8004	0.0125	3.9400e-003	225.2870
Energy	0.1068	0.9235	0.4687	5.8200e-003		0.0738	0.0738		0.0738	0.0738	0.0000	2,114.9550	2,114.9550	0.1261	0.0413	2,130.4043
Mobile	1.8519	5.0651	20.0039	0.0772	10.6682	0.0488	10.7170	2.8510	0.0453	2.8963	0.0000	7,046.0859	7,046.0859	0.1947	0.0000	7,050.9529
Waste						0.0000	0.0000		0.0000	0.0000	574.4666	0.0000	574.4666	36.6604	0.0000	1,490.9753
Water						0.0000	0.0000		0.0000	0.0000	28.3114	84.0656	112.3770	2.9163	0.0704	206.2628
Total	**8.1654**	**6.2360**	**25.8964**	**0.0845**	**10.6682**	**0.1673**	**10.8355**	**2.8510**	**0.1638**	**3.0148**	**602.7780**	**9,468.9069**	**10,071.6849**	**39.9098**	**0.1156**	**11,103.8823**

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	6.2067	0.2473	5.4239	1.4700e-003		0.0448	0.0448		0.0448	0.0448	0.0000	223.8004	223.8004	0.0125	3.9400e-003	225.2870
Energy	0.1068	0.9235	0.4687	5.8200e-003		0.0738	0.0738		0.0738	0.0738	0.0000	2,100.7964	2,100.7964	0.1247	0.0410	2,116.1230
Mobile	1.8519	5.0651	20.0039	0.0772	10.6682	0.0488	10.7170	2.8510	0.0453	2.8963	0.0000	7,046.0859	7,046.0859	0.1947	0.0000	7,050.9529
Waste						0.0000	0.0000		0.0000	0.0000	574.4666	0.0000	574.4666	36.6604	0.0000	1,490.9753
Water						0.0000	0.0000		0.0000	0.0000	28.3114	84.0656	112.3770	2.9163	0.0704	206.2628
Total	**8.1654**	**6.2360**	**25.8964**	**0.0845**	**10.6682**	**0.1673**	**10.8355**	**2.8510**	**0.1638**	**3.0148**	**602.7780**	**9,454.7483**	**10,057.5263**	**39.9084**	**0.1153**	**11,089.6010**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.15**	**0.14**	**0.00**	**0.26**	**0.13**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	6/1/2019	2/7/2020	5	180	
2	Grading	Grading	2/8/2020	11/19/2021	5	465	
3	Building Construction	Building Construction	11/20/2021	9/16/2039	5	4650	
4	Paving	Paving	9/17/2039	12/21/2040	5	330	
5	Architectural Coating	Architectural Coating	12/22/2040	3/28/2042	5	330	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1162.5

Acres of Paving: 0

Residential Indoor: 2,181,330; Residential Outdoor: 727,110; Non-Residential Indoor: 667,500; Non-Residential Outdoor: 222,500; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	479.00	148.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	96.00	0.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.6260	0.0000	1.6260	0.8938	0.0000	0.8938	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3295	3.4635	1.6768	2.8900e-003		0.1817	0.1817		0.1671	0.1671	0.0000	259.6820	259.6820	0.0822	0.0000	261.7360
Total	**0.3295**	**3.4635**	**1.6768**	**2.8900e-003**	**1.6260**	**0.1817**	**1.8076**	**0.8938**	**0.1671**	**1.0609**	**0.0000**	**259.6820**	**259.6820**	**0.0822**	**0.0000**	**261.7360**

3.2 Site Preparation - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.8800e-003	8.2000e-003	0.0764	1.3000e-004	0.0125	1.1000e-004	0.0126	3.3200e-003	1.0000e-004	3.4300e-003	0.0000	11.7949	11.7949	6.5000e-004	0.0000	11.8112
Total	**8.8800e-003**	**8.2000e-003**	**0.0764**	**1.3000e-004**	**0.0125**	**1.1000e-004**	**0.0126**	**3.3200e-003**	**1.0000e-004**	**3.4300e-003**	**0.0000**	**11.7949**	**11.7949**	**6.5000e-004**	**0.0000**	**11.8112**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.3658	0.0000	0.3658	0.2011	0.0000	0.2011	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0530	0.9243	1.7450	2.8900e-003		4.7200e-003	4.7200e-003		4.7200e-003	4.7200e-003	0.0000	259.6817	259.6817	0.0822	0.0000	261.7357
Total	**0.0530**	**0.9243**	**1.7450**	**2.8900e-003**	**0.3658**	**4.7200e-003**	**0.3706**	**0.2011**	**4.7200e-003**	**0.2058**	**0.0000**	**259.6817**	**259.6817**	**0.0822**	**0.0000**	**261.7357**

3.2 Site Preparation - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.8800e-003	8.2000e-003	0.0764	1.3000e-004	0.0125	1.1000e-004	0.0126	3.3200e-003	1.0000e-004	3.4300e-003	0.0000	11.7949	11.7949	6.5000e-004	0.0000	11.8112
Total	**8.8800e-003**	**8.2000e-003**	**0.0764**	**1.3000e-004**	**0.0125**	**1.1000e-004**	**0.0126**	**3.3200e-003**	**1.0000e-004**	**3.4300e-003**	**0.0000**	**11.7949**	**11.7949**	**6.5000e-004**	**0.0000**	**11.8112**

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.6260	0.0000	1.6260	0.8938	0.0000	0.8938	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0571	0.5938	0.3012	5.3000e-004		0.0308	0.0308		0.0283	0.0283	0.0000	46.8030	46.8030	0.0151	0.0000	47.1814
Total	**0.0571**	**0.5938**	**0.3012**	**5.3000e-004**	**1.6260**	**0.0308**	**1.6567**	**0.8938**	**0.0283**	**0.9221**	**0.0000**	**46.8030**	**46.8030**	**0.0151**	**0.0000**	**47.1814**

3.2 Site Preparation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4600e-003	1.3200e-003	0.0122	2.0000e-005	2.3000e-003	2.0000e-005	2.3200e-003	6.1000e-004	2.0000e-005	6.3000e-004	0.0000	2.1078	2.1078	1.0000e-004	0.0000	2.1104
Total	**1.4600e-003**	**1.3200e-003**	**0.0122**	**2.0000e-005**	**2.3000e-003**	**2.0000e-005**	**2.3200e-003**	**6.1000e-004**	**2.0000e-005**	**6.3000e-004**	**0.0000**	**2.1078**	**2.1078**	**1.0000e-004**	**0.0000**	**2.1104**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.3658	0.0000	0.3658	0.2011	0.0000	0.2011	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.7500e-003	0.1703	0.3214	5.3000e-004		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	46.8029	46.8029	0.0151	0.0000	47.1813
Total	**9.7500e-003**	**0.1703**	**0.3214**	**5.3000e-004**	**0.3658**	**8.7000e-004**	**0.3667**	**0.2011**	**8.7000e-004**	**0.2020**	**0.0000**	**46.8029**	**46.8029**	**0.0151**	**0.0000**	**47.1813**

3.2 Site Preparation - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4600e-003	1.3200e-003	0.0122	2.0000e-005	2.3000e-003	2.0000e-005	2.3200e-003	6.1000e-004	2.0000e-005	6.3000e-004	0.0000	2.1078	2.1078	1.0000e-004	0.0000	2.1104
Total	**1.4600e-003**	**1.3200e-003**	**0.0122**	**2.0000e-005**	**2.3000e-003**	**2.0000e-005**	**2.3200e-003**	**6.1000e-004**	**2.0000e-005**	**6.3000e-004**	**0.0000**	**2.1078**	**2.1078**	**1.0000e-004**	**0.0000**	**2.1104**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0166	0.0000	2.0166	0.8362	0.0000	0.8362	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5207	5.8731	3.7391	7.2500e-003		0.2544	0.2544		0.2340	0.2340	0.0000	637.4662	637.4662	0.2062	0.0000	642.6205
Total	**0.5207**	**5.8731**	**3.7391**	**7.2500e-003**	**2.0166**	**0.2544**	**2.2709**	**0.8362**	**0.2340**	**1.0702**	**0.0000**	**637.4662**	**637.4662**	**0.2062**	**0.0000**	**642.6205**

3.3 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0136	0.0123	0.1135	2.2000e-004	0.0214	1.8000e-004	0.0216	5.6900e-003	1.6000e-004	5.8500e-003	0.0000	19.5728	19.5728	9.4000e-004	0.0000	19.5963
Total	**0.0136**	**0.0123**	**0.1135**	**2.2000e-004**	**0.0214**	**1.8000e-004**	**0.0216**	**5.6900e-003**	**1.6000e-004**	**5.8500e-003**	**0.0000**	**19.5728**	**19.5728**	**9.4000e-004**	**0.0000**	**19.5963**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.4537	0.0000	0.4537	0.1881	0.0000	0.1881	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1183	2.2547	4.2965	7.2500e-003		0.0119	0.0119		0.0119	0.0119	0.0000	637.4655	637.4655	0.2062	0.0000	642.6197
Total	**0.1183**	**2.2547**	**4.2965**	**7.2500e-003**	**0.4537**	**0.0119**	**0.4656**	**0.1881**	**0.0119**	**0.2000**	**0.0000**	**637.4655**	**637.4655**	**0.2062**	**0.0000**	**642.6197**

3.3 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0136	0.0123	0.1135	2.2000e-004	0.0214	1.8000e-004	0.0216	5.6900e-003	1.6000e-004	5.8500e-003	0.0000	19.5728	19.5728	9.4000e-004	0.0000	19.5963
Total	**0.0136**	**0.0123**	**0.1135**	**2.2000e-004**	**0.0214**	**1.8000e-004**	**0.0216**	**5.6900e-003**	**1.6000e-004**	**5.8500e-003**	**0.0000**	**19.5728**	**19.5728**	**9.4000e-004**	**0.0000**	**19.5963**

3.3 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0166	0.0000	2.0166	0.8362	0.0000	0.8362	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4841	5.3592	3.5665	7.1600e-003		0.2293	0.2293		0.2110	0.2110	0.0000	629.4170	629.4170	0.2036	0.0000	634.5062
Total	**0.4841**	**5.3592**	**3.5665**	**7.1600e-003**	**2.0166**	**0.2293**	**2.2459**	**0.8362**	**0.2110**	**1.0472**	**0.0000**	**629.4170**	**629.4170**	**0.2036**	**0.0000**	**634.5062**

3.3 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0124	0.0108	0.1012	2.1000e-004	0.0211	1.7000e-004	0.0213	5.6100e-003	1.5000e-004	5.7700e-003	0.0000	18.7167	18.7167	8.3000e-004	0.0000	18.7374
Total	**0.0124**	**0.0108**	**0.1012**	**2.1000e-004**	**0.0211**	**1.7000e-004**	**0.0213**	**5.6100e-003**	**1.5000e-004**	**5.7700e-003**	**0.0000**	**18.7167**	**18.7167**	**8.3000e-004**	**0.0000**	**18.7374**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.4537	0.0000	0.4537	0.1881	0.0000	0.1881	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1168	2.2258	4.2415	7.1600e-003		0.0117	0.0117		0.0117	0.0117	0.0000	629.4163	629.4163	0.2036	0.0000	634.5054
Total	**0.1168**	**2.2258**	**4.2415**	**7.1600e-003**	**0.4537**	**0.0117**	**0.4655**	**0.1881**	**0.0117**	**0.1999**	**0.0000**	**629.4163**	**629.4163**	**0.2036**	**0.0000**	**634.5054**

3.3 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0124	0.0108	0.1012	2.1000e-004	0.0211	1.7000e-004	0.0213	5.6100e-003	1.5000e-004	5.7700e-003	0.0000	18.7167	18.7167	8.3000e-004	0.0000	18.7374
Total	**0.0124**	**0.0108**	**0.1012**	**2.1000e-004**	**0.0211**	**1.7000e-004**	**0.0213**	**5.6100e-003**	**1.5000e-004**	**5.7700e-003**	**0.0000**	**18.7167**	**18.7167**	**8.3000e-004**	**0.0000**	**18.7374**

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0285	0.2615	0.2486	4.0000e-004		0.0144	0.0144		0.0135	0.0135	0.0000	34.7456	34.7456	8.3800e-003	0.0000	34.9552
Total	**0.0285**	**0.2615**	**0.2486**	**4.0000e-004**		**0.0144**	**0.0144**		**0.0135**	**0.0135**	**0.0000**	**34.7456**	**34.7456**	**8.3800e-003**	**0.0000**	**34.9552**

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.6300e-003	0.3073	0.0582	8.5000e-004	0.0209	1.0800e-003	0.0220	6.0500e-003	1.0300e-003	7.0800e-003	0.0000	81.0926	81.0926	6.6500e-003	0.0000	81.2588
Worker	0.0385	0.0336	0.3149	6.5000e-004	0.0656	5.2000e-004	0.0661	0.0175	4.8000e-004	0.0179	0.0000	58.2163	58.2163	2.5700e-003	0.0000	58.2807
Total	**0.0482**	**0.3409**	**0.3731**	**1.5000e-003**	**0.0865**	**1.6000e-003**	**0.0881**	**0.0235**	**1.5100e-003**	**0.0250**	**0.0000**	**139.3089**	**139.3089**	**9.2200e-003**	**0.0000**	**139.5394**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.0000e-003	0.1637	0.2681	4.0000e-004		1.2700e-003	1.2700e-003		1.2700e-003	1.2700e-003	0.0000	34.7456	34.7456	8.3800e-003	0.0000	34.9551
Total	**8.0000e-003**	**0.1637**	**0.2681**	**4.0000e-004**		**1.2700e-003**	**1.2700e-003**		**1.2700e-003**	**1.2700e-003**	**0.0000**	**34.7456**	**34.7456**	**8.3800e-003**	**0.0000**	**34.9551**

3.4 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.6300e-003	0.3073	0.0582	8.5000e-004	0.0209	1.0800e-003	0.0220	6.0500e-003	1.0300e-003	7.0800e-003	0.0000	81.0926	81.0926	6.6500e-003	0.0000	81.2588
Worker	0.0385	0.0336	0.3149	6.5000e-004	0.0656	5.2000e-004	0.0661	0.0175	4.8000e-004	0.0179	0.0000	58.2163	58.2163	2.5700e-003	0.0000	58.2807
Total	**0.0482**	**0.3409**	**0.3731**	**1.5000e-003**	**0.0865**	**1.6000e-003**	**0.0881**	**0.0235**	**1.5100e-003**	**0.0250**	**0.0000**	**139.3089**	**139.3089**	**9.2200e-003**	**0.0000**	**139.5394**

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471
Total	**0.2218**	**2.0300**	**2.1272**	**3.5000e-003**		**0.1052**	**0.1052**		**0.0990**	**0.0990**	**0.0000**	**301.2428**	**301.2428**	**0.0722**	**0.0000**	**303.0471**

3.4 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0772	2.5006	0.4610	7.3400e-003	0.1812	8.1100e-003	0.1893	0.0524	7.7500e-003	0.0602	0.0000	697.0415	697.0415	0.0557	0.0000	698.4342
Worker	0.3103	0.2607	2.4724	5.4000e-003	0.5688	4.3300e-003	0.5731	0.1513	3.9900e-003	0.1553	0.0000	487.0184	487.0184	0.0199	0.0000	487.5154
Total	**0.3875**	**2.7613**	**2.9335**	**0.0127**	**0.7500**	**0.0124**	**0.7624**	**0.2038**	**0.0117**	**0.2155**	**0.0000**	**1,184.0599**	**1,184.0599**	**0.0756**	**0.0000**	**1,185.9496**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0694	1.4186	2.3236	3.5000e-003		0.0110	0.0110		0.0110	0.0110	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467
Total	**0.0694**	**1.4186**	**2.3236**	**3.5000e-003**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**301.2425**	**301.2425**	**0.0722**	**0.0000**	**303.0467**

3.4 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0772	2.5006	0.4610	7.3400e-003	0.1812	8.1100e-003	0.1893	0.0524	7.7500e-003	0.0602	0.0000	697.0415	697.0415	0.0557	0.0000	698.4342
Worker	0.3103	0.2607	2.4724	5.4000e-003	0.5688	4.3300e-003	0.5731	0.1513	3.9900e-003	0.1553	0.0000	487.0184	487.0184	0.0199	0.0000	487.5154
Total	**0.3875**	**2.7613**	**2.9335**	**0.0127**	**0.7500**	**0.0124**	**0.7624**	**0.2038**	**0.0117**	**0.2155**	**0.0000**	**1,184.0599**	**1,184.0599**	**0.0756**	**0.0000**	**1,185.9496**

3.4 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	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3462	301.3462	0.0717	0.0000	303.1383
Total	**0.2045**	**1.8700**	**2.1117**	**3.5000e-003**		**0.0910**	**0.0910**		**0.0856**	**0.0856**	**0.0000**	**301.3462**	**301.3462**	**0.0717**	**0.0000**	**303.1383**

3.4 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0567	2.0035	0.3853	7.2200e-003	0.1812	3.3300e-003	0.1845	0.0524	3.1900e-003	0.0556	0.0000	685.5093	685.5093	0.0396	0.0000	686.4987
Worker	0.2878	0.2326	2.2185	5.2000e-003	0.5688	4.1500e-003	0.5729	0.1513	3.8200e-003	0.1552	0.0000	469.1404	469.1404	0.0175	0.0000	469.5786
Total	**0.3446**	**2.2362**	**2.6038**	**0.0124**	**0.7500**	**7.4800e-003**	**0.7574**	**0.2038**	**7.0100e-003**	**0.2108**	**0.0000**	**1,154.6498**	**1,154.6498**	**0.0571**	**0.0000**	**1,156.0773**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0694	1.4186	2.3236	3.5000e-003		0.0110	0.0110		0.0110	0.0110	0.0000	301.3458	301.3458	0.0717	0.0000	303.1380
Total	**0.0694**	**1.4186**	**2.3236**	**3.5000e-003**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**301.3458**	**301.3458**	**0.0717**	**0.0000**	**303.1380**

3.4 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0567	2.0035	0.3853	7.2200e-003	0.1812	3.3300e-003	0.1845	0.0524	3.1900e-003	0.0556	0.0000	685.5093	685.5093	0.0396	0.0000	686.4987
Worker	0.2878	0.2326	2.2185	5.2000e-003	0.5688	4.1500e-003	0.5729	0.1513	3.8200e-003	0.1552	0.0000	469.1404	469.1404	0.0175	0.0000	469.5786
Total	**0.3446**	**2.2362**	**2.6038**	**0.0124**	**0.7500**	**7.4800e-003**	**0.7574**	**0.2038**	**7.0100e-003**	**0.2108**	**0.0000**	**1,154.6498**	**1,154.6498**	**0.0571**	**0.0000**	**1,156.0773**

3.4 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**

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0547	1.9719	0.3634	7.2300e-003	0.1826	3.1500e-003	0.1858	0.0528	3.0100e-003	0.0559	0.0000	686.0526	686.0526	0.0397	0.0000	687.0450
Worker	0.2703	0.2101	2.0357	5.0400e-003	0.5731	4.0100e-003	0.5771	0.1525	3.7000e-003	0.1562	0.0000	454.6812	454.6812	0.0157	0.0000	455.0731
Total	**0.3251**	**2.1820**	**2.3991**	**0.0123**	**0.7557**	**7.1600e-003**	**0.7629**	**0.2053**	**6.7100e-003**	**0.2121**	**0.0000**	**1,140.7338**	**1,140.7338**	**0.0554**	**0.0000**	**1,142.1181**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0699	1.4295	2.3415	3.5300e-003		0.0111	0.0111		0.0111	0.0111	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175
Total	**0.0699**	**1.4295**	**2.3415**	**3.5300e-003**		**0.0111**	**0.0111**		**0.0111**	**0.0111**	**0.0000**	**303.7220**	**303.7220**	**0.0718**	**0.0000**	**305.5175**

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0547	1.9719	0.3634	7.2300e-003	0.1826	3.1500e-003	0.1858	0.0528	3.0100e-003	0.0559	0.0000	686.0526	686.0526	0.0397	0.0000	687.0450
Worker	0.2703	0.2101	2.0357	5.0400e-003	0.5731	4.0100e-003	0.5771	0.1525	3.7000e-003	0.1562	0.0000	454.6812	454.6812	0.0157	0.0000	455.0731
Total	**0.3251**	**2.1820**	**2.3991**	**0.0123**	**0.7557**	**7.1600e-003**	**0.7629**	**0.2053**	**6.7100e-003**	**0.2121**	**0.0000**	**1,140.7338**	**1,140.7338**	**0.0554**	**0.0000**	**1,142.1181**

3.4 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**

3.4 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0526	1.9226	0.3435	7.1500e-003	0.1819	2.9700e-003	0.1849	0.0526	2.8400e-003	0.0555	0.0000	679.1039	679.1039	0.0389	0.0000	680.0763
Worker	0.2528	0.1888	1.8583	4.8200e-003	0.5709	3.8800e-003	0.5748	0.1519	3.5800e-003	0.1555	0.0000	435.0876	435.0876	0.0140	0.0000	435.4375
Total	**0.3054**	**2.1114**	**2.2018**	**0.0120**	**0.7528**	**6.8500e-003**	**0.7597**	**0.2046**	**6.4200e-003**	**0.2110**	**0.0000**	**1,114.1915**	**1,114.1915**	**0.0529**	**0.0000**	**1,115.5138**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0696	1.4240	2.3325	3.5200e-003		0.0110	0.0110		0.0110	0.0110	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	**0.0696**	**1.4240**	**2.3325**	**3.5200e-003**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**302.6545**	**302.6545**	**0.0711**	**0.0000**	**304.4331**

3.4 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0526	1.9226	0.3435	7.1500e-003	0.1819	2.9700e-003	0.1849	0.0526	2.8400e-003	0.0555	0.0000	679.1039	679.1039	0.0389	0.0000	680.0763
Worker	0.2528	0.1888	1.8583	4.8200e-003	0.5709	3.8800e-003	0.5748	0.1519	3.5800e-003	0.1555	0.0000	435.0876	435.0876	0.0140	0.0000	435.4375
Total	**0.3054**	**2.1114**	**2.2018**	**0.0120**	**0.7528**	**6.8500e-003**	**0.7597**	**0.2046**	**6.4200e-003**	**0.2110**	**0.0000**	**1,114.1915**	**1,114.1915**	**0.0529**	**0.0000**	**1,115.5138**

3.4 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**

3.4 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0509	1.8843	0.3273	7.1100e-003	0.1819	2.8100e-003	0.1847	0.0526	2.6800e-003	0.0553	0.0000	675.0413	675.0413	0.0384	0.0000	676.0005
Worker	0.2380	0.1711	1.7100	4.6400e-003	0.5709	3.7300e-003	0.5747	0.1519	3.4300e-003	0.1554	0.0000	418.8902	418.8902	0.0126	0.0000	419.2047
Total	**0.2889**	**2.0554**	**2.0374**	**0.0118**	**0.7528**	**6.5400e-003**	**0.7594**	**0.2046**	**6.1100e-003**	**0.2107**	**0.0000**	**1,093.9315**	**1,093.9315**	**0.0510**	**0.0000**	**1,095.2052**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0696	1.4240	2.3325	3.5200e-003		0.0110	0.0110		0.0110	0.0110	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	**0.0696**	**1.4240**	**2.3325**	**3.5200e-003**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**302.6545**	**302.6545**	**0.0711**	**0.0000**	**304.4331**

3.4 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0509	1.8843	0.3273	7.1100e-003	0.1819	2.8100e-003	0.1847	0.0526	2.6800e-003	0.0553	0.0000	675.0413	675.0413	0.0384	0.0000	676.0005
Worker	0.2380	0.1711	1.7100	4.6400e-003	0.5709	3.7300e-003	0.5747	0.1519	3.4300e-003	0.1554	0.0000	418.8902	418.8902	0.0126	0.0000	419.2047
Total	**0.2889**	**2.0554**	**2.0374**	**0.0118**	**0.7528**	**6.5400e-003**	**0.7594**	**0.2046**	**6.1100e-003**	**0.2107**	**0.0000**	**1,093.9315**	**1,093.9315**	**0.0510**	**0.0000**	**1,095.2052**

3.4 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**

3.4 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0493	1.8499	0.3132	7.0700e-003	0.1819	2.6700e-003	0.1846	0.0526	2.5500e-003	0.0552	0.0000	671.4328	671.4328	0.0376	0.0000	672.3728
Worker	0.2234	0.1547	1.5710	4.4700e-003	0.5709	3.5300e-003	0.5745	0.1519	3.2500e-003	0.1552	0.0000	404.1405	404.1405	0.0113	0.0000	404.4217
Total	**0.2727**	**2.0046**	**1.8842**	**0.0115**	**0.7528**	**6.2000e-003**	**0.7590**	**0.2046**	**5.8000e-003**	**0.2104**	**0.0000**	**1,075.5733**	**1,075.5733**	**0.0489**	**0.0000**	**1,076.7946**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0696	1.4240	2.3325	3.5200e-003		0.0110	0.0110		0.0110	0.0110	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	**0.0696**	**1.4240**	**2.3325**	**3.5200e-003**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**302.6545**	**302.6545**	**0.0711**	**0.0000**	**304.4331**

3.4 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0493	1.8499	0.3132	7.0700e-003	0.1819	2.6700e-003	0.1846	0.0526	2.5500e-003	0.0552	0.0000	671.4328	671.4328	0.0376	0.0000	672.3728
Worker	0.2234	0.1547	1.5710	4.4700e-003	0.5709	3.5300e-003	0.5745	0.1519	3.2500e-003	0.1552	0.0000	404.1405	404.1405	0.0113	0.0000	404.4217
Total	**0.2727**	**2.0046**	**1.8842**	**0.0115**	**0.7528**	**6.2000e-003**	**0.7590**	**0.2046**	**5.8000e-003**	**0.2104**	**0.0000**	**1,075.5733**	**1,075.5733**	**0.0489**	**0.0000**	**1,076.7946**

3.4 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**

3.4 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0480	1.8154	0.3021	7.0100e-003	0.1812	2.5500e-003	0.1838	0.0524	2.4400e-003	0.0549	0.0000	665.9979	665.9979	0.0368	0.0000	666.9177
Worker	0.2068	0.1393	1.4453	4.3100e-003	0.5688	3.2700e-003	0.5720	0.1513	3.0100e-003	0.1544	0.0000	389.3685	389.3685	0.0101	0.0000	389.6209
Total	**0.2548**	**1.9547**	**1.7474**	**0.0113**	**0.7500**	**5.8200e-003**	**0.7558**	**0.2038**	**5.4500e-003**	**0.2092**	**0.0000**	**1,055.3663**	**1,055.3663**	**0.0469**	**0.0000**	**1,056.5386**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0694	1.4186	2.3236	3.5000e-003		0.0110	0.0110		0.0110	0.0110	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667
Total	**0.0694**	**1.4186**	**2.3236**	**3.5000e-003**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**301.4949**	**301.4949**	**0.0709**	**0.0000**	**303.2667**

3.4 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0480	1.8154	0.3021	7.0100e-003	0.1812	2.5500e-003	0.1838	0.0524	2.4400e-003	0.0549	0.0000	665.9979	665.9979	0.0368	0.0000	666.9177
Worker	0.2068	0.1393	1.4453	4.3100e-003	0.5688	3.2700e-003	0.5720	0.1513	3.0100e-003	0.1544	0.0000	389.3685	389.3685	0.0101	0.0000	389.6209
Total	**0.2548**	**1.9547**	**1.7474**	**0.0113**	**0.7500**	**5.8200e-003**	**0.7558**	**0.2038**	**5.4500e-003**	**0.2092**	**0.0000**	**1,055.3663**	**1,055.3663**	**0.0469**	**0.0000**	**1,056.5386**

3.4 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**

3.4 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0471	1.7979	0.2942	7.0100e-003	0.1819	2.4500e-003	0.1844	0.0526	2.3500e-003	0.0550	0.0000	666.0764	666.0764	0.0363	0.0000	666.9846
Worker	0.1904	0.1256	1.3321	4.1900e-003	0.5709	3.0600e-003	0.5740	0.1519	2.8100e-003	0.1547	0.0000	378.9316	378.9316	9.0300e-003	0.0000	379.1572
Total	**0.2375**	**1.9236**	**1.6263**	**0.0112**	**0.7528**	**5.5100e-003**	**0.7583**	**0.2046**	**5.1600e-003**	**0.2097**	**0.0000**	**1,045.0080**	**1,045.0080**	**0.0454**	**0.0000**	**1,046.1418**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0696	1.4240	2.3325	3.5200e-003		0.0110	0.0110		0.0110	0.0110	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	**0.0696**	**1.4240**	**2.3325**	**3.5200e-003**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**302.6545**	**302.6545**	**0.0711**	**0.0000**	**304.4331**

3.4 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0471	1.7979	0.2942	7.0100e-003	0.1819	2.4500e-003	0.1844	0.0526	2.3500e-003	0.0550	0.0000	666.0764	666.0764	0.0363	0.0000	666.9846
Worker	0.1904	0.1256	1.3321	4.1900e-003	0.5709	3.0600e-003	0.5740	0.1519	2.8100e-003	0.1547	0.0000	378.9316	378.9316	9.0300e-003	0.0000	379.1572
Total	**0.2375**	**1.9236**	**1.6263**	**0.0112**	**0.7528**	**5.5100e-003**	**0.7583**	**0.2046**	**5.1600e-003**	**0.2097**	**0.0000**	**1,045.0080**	**1,045.0080**	**0.0454**	**0.0000**	**1,046.1418**

3.4 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**

3.4 Building Construction - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0462	1.7769	0.2868	6.9900e-003	0.1819	2.3700e-003	0.1843	0.0526	2.2600e-003	0.0549	0.0000	664.0829	664.0829	0.0357	0.0000	664.9753
Worker	0.1729	0.1121	1.2231	4.0700e-003	0.5709	2.8400e-003	0.5738	0.1519	2.6100e-003	0.1545	0.0000	368.2652	368.2652	8.0200e-003	0.0000	368.4656
Total	**0.2191**	**1.8891**	**1.5099**	**0.0111**	**0.7528**	**5.2100e-003**	**0.7580**	**0.2046**	**4.8700e-003**	**0.2094**	**0.0000**	**1,032.3481**	**1,032.3481**	**0.0437**	**0.0000**	**1,033.4409**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0696	1.4240	2.3325	4.0400e-003		0.0110	0.0110		0.0110	0.0110	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
Total	**0.0696**	**1.4240**	**2.3325**	**4.0400e-003**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**343.0332**	**343.0332**	**0.0138**	**0.0000**	**343.3773**

3.4 Building Construction - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0462	1.7769	0.2868	6.9900e-003	0.1819	2.3700e-003	0.1843	0.0526	2.2600e-003	0.0549	0.0000	664.0829	664.0829	0.0357	0.0000	664.9753
Worker	0.1729	0.1121	1.2231	4.0700e-003	0.5709	2.8400e-003	0.5738	0.1519	2.6100e-003	0.1545	0.0000	368.2652	368.2652	8.0200e-003	0.0000	368.4656
Total	**0.2191**	**1.8891**	**1.5099**	**0.0111**	**0.7528**	**5.2100e-003**	**0.7580**	**0.2046**	**4.8700e-003**	**0.2094**	**0.0000**	**1,032.3481**	**1,032.3481**	**0.0437**	**0.0000**	**1,033.4409**

3.4 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**

3.4 Building Construction - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0455	1.7586	0.2810	6.9800e-003	0.1819	2.2900e-003	0.1842	0.0526	2.1900e-003	0.0548	0.0000	662.5004	662.5004	0.0350	0.0000	663.3763
Worker	0.1535	0.0986	1.1137	3.9700e-003	0.5709	2.6300e-003	0.5736	0.1519	2.4200e-003	0.1543	0.0000	358.7769	358.7769	7.0100e-003	0.0000	358.9522
Total	**0.1989**	**1.8572**	**1.3947**	**0.0110**	**0.7528**	**4.9200e-003**	**0.7578**	**0.2046**	**4.6100e-003**	**0.2092**	**0.0000**	**1,021.2773**	**1,021.2773**	**0.0421**	**0.0000**	**1,022.3284**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0696	1.4240	2.3325	4.0400e-003		0.0110	0.0110		0.0110	0.0110	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
Total	**0.0696**	**1.4240**	**2.3325**	**4.0400e-003**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**343.0332**	**343.0332**	**0.0138**	**0.0000**	**343.3773**

3.4 Building Construction - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0455	1.7586	0.2810	6.9800e-003	0.1819	2.2900e-003	0.1842	0.0526	2.1900e-003	0.0548	0.0000	662.5004	662.5004	0.0350	0.0000	663.3763
Worker	0.1535	0.0986	1.1137	3.9700e-003	0.5709	2.6300e-003	0.5736	0.1519	2.4200e-003	0.1543	0.0000	358.7769	358.7769	7.0100e-003	0.0000	358.9522
Total	**0.1989**	**1.8572**	**1.3947**	**0.0110**	**0.7528**	**4.9200e-003**	**0.7578**	**0.2046**	**4.6100e-003**	**0.2092**	**0.0000**	**1,021.2773**	**1,021.2773**	**0.0421**	**0.0000**	**1,022.3284**

3.4 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**

3.4 Building Construction - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0450	1.7492	0.2777	6.9900e-003	0.1826	2.2300e-003	0.1848	0.0528	2.1300e-003	0.0550	0.0000	663.9348	663.9348	0.0347	0.0000	664.8014
Worker	0.1395	0.0887	1.0332	3.8900e-003	0.5731	2.4600e-003	0.5756	0.1525	2.2600e-003	0.1548	0.0000	351.8588	351.8588	6.2700e-003	0.0000	352.0154
Total	**0.1846**	**1.8379**	**1.3109**	**0.0109**	**0.7557**	**4.6900e-003**	**0.7604**	**0.2053**	**4.3900e-003**	**0.2097**	**0.0000**	**1,015.7936**	**1,015.7936**	**0.0409**	**0.0000**	**1,016.8168**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0699	1.4295	2.3415	4.0600e-003		0.0111	0.0111		0.0111	0.0111	0.0000	344.3475	344.3475	0.0138	0.0000	344.6929
Total	**0.0699**	**1.4295**	**2.3415**	**4.0600e-003**		**0.0111**	**0.0111**		**0.0111**	**0.0111**	**0.0000**	**344.3475**	**344.3475**	**0.0138**	**0.0000**	**344.6929**

3.4 Building Construction - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0450	1.7492	0.2777	6.9900e-003	0.1826	2.2300e-003	0.1848	0.0528	2.1300e-003	0.0550	0.0000	663.9348	663.9348	0.0347	0.0000	664.8014
Worker	0.1395	0.0887	1.0332	3.8900e-003	0.5731	2.4600e-003	0.5756	0.1525	2.2600e-003	0.1548	0.0000	351.8588	351.8588	6.2700e-003	0.0000	352.0154
Total	**0.1846**	**1.8379**	**1.3109**	**0.0109**	**0.7557**	**4.6900e-003**	**0.7604**	**0.2053**	**4.3900e-003**	**0.2097**	**0.0000**	**1,015.7936**	**1,015.7936**	**0.0409**	**0.0000**	**1,016.8168**

3.4 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**

3.4 Building Construction - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0442	1.7217	0.2719	6.9300e-003	0.1812	2.1500e-003	0.1834	0.0524	2.0500e-003	0.0545	0.0000	658.0534	658.0534	0.0340	0.0000	658.9045
Worker	0.1251	0.0789	0.9501	3.7800e-003	0.5688	2.2700e-003	0.5710	0.1513	2.0800e-003	0.1534	0.0000	341.9678	341.9678	5.5400e-003	0.0000	342.1062
Total	**0.1693**	**1.8005**	**1.2220**	**0.0107**	**0.7500**	**4.4200e-003**	**0.7544**	**0.2038**	**4.1300e-003**	**0.2079**	**0.0000**	**1,000.0212**	**1,000.0212**	**0.0396**	**0.0000**	**1,001.0107**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0694	1.4186	2.3236	4.0200e-003		0.0110	0.0110		0.0110	0.0110	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
Total	**0.0694**	**1.4186**	**2.3236**	**4.0200e-003**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**341.7189**	**341.7189**	**0.0137**	**0.0000**	**342.0617**

3.4 Building Construction - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0442	1.7217	0.2719	6.9300e-003	0.1812	2.1500e-003	0.1834	0.0524	2.0500e-003	0.0545	0.0000	658.0534	658.0534	0.0340	0.0000	658.9045
Worker	0.1251	0.0789	0.9501	3.7800e-003	0.5688	2.2700e-003	0.5710	0.1513	2.0800e-003	0.1534	0.0000	341.9678	341.9678	5.5400e-003	0.0000	342.1062
Total	**0.1693**	**1.8005**	**1.2220**	**0.0107**	**0.7500**	**4.4200e-003**	**0.7544**	**0.2038**	**4.1300e-003**	**0.2079**	**0.0000**	**1,000.0212**	**1,000.0212**	**0.0396**	**0.0000**	**1,001.0107**

3.4 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**

3.4 Building Construction - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0438	1.7093	0.2689	6.9200e-003	0.1812	2.0900e-003	0.1833	0.0524	2.0000e-003	0.0544	0.0000	657.4767	657.4767	0.0337	0.0000	658.3188
Worker	0.1139	0.0714	0.8807	3.7100e-003	0.5688	2.1100e-003	0.5709	0.1513	1.9400e-003	0.1533	0.0000	335.6937	335.6937	4.9100e-003	0.0000	335.8165
Total	**0.1577**	**1.7807**	**1.1496**	**0.0106**	**0.7500**	**4.2000e-003**	**0.7541**	**0.2038**	**3.9400e-003**	**0.2077**	**0.0000**	**993.1704**	**993.1704**	**0.0386**	**0.0000**	**994.1353**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0694	1.4186	2.3236	4.0200e-003		0.0110	0.0110		0.0110	0.0110	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
Total	**0.0694**	**1.4186**	**2.3236**	**4.0200e-003**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**341.7189**	**341.7189**	**0.0137**	**0.0000**	**342.0617**

3.4 Building Construction - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0438	1.7093	0.2689	6.9200e-003	0.1812	2.0900e-003	0.1833	0.0524	2.0000e-003	0.0544	0.0000	657.4767	657.4767	0.0337	0.0000	658.3188
Worker	0.1139	0.0714	0.8807	3.7100e-003	0.5688	2.1100e-003	0.5709	0.1513	1.9400e-003	0.1533	0.0000	335.6937	335.6937	4.9100e-003	0.0000	335.8165
Total	**0.1577**	**1.7807**	**1.1496**	**0.0106**	**0.7500**	**4.2000e-003**	**0.7541**	**0.2038**	**3.9400e-003**	**0.2077**	**0.0000**	**993.1704**	**993.1704**	**0.0386**	**0.0000**	**994.1353**

3.4 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	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	**0.1588**	**0.9346**	**2.1034**	**4.0400e-003**		**0.0118**	**0.0118**		**0.0118**	**0.0118**	**0.0000**	**343.0336**	**343.0336**	**0.0128**	**0.0000**	**343.3530**

3.4 Building Construction - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0436	1.7054	0.2673	6.9500e-003	0.1819	2.0500e-003	0.1840	0.0526	1.9600e-003	0.0546	0.0000	659.5654	659.5654	0.0335	0.0000	660.4033
Worker	0.1054	0.0662	0.8284	3.6600e-003	0.5709	1.9700e-003	0.5729	0.1519	1.8100e-003	0.1537	0.0000	331.6160	331.6160	4.4300e-003	0.0000	331.7268
Total	**0.1489**	**1.7716**	**1.0956**	**0.0106**	**0.7528**	**4.0200e-003**	**0.7569**	**0.2046**	**3.7700e-003**	**0.2083**	**0.0000**	**991.1814**	**991.1814**	**0.0379**	**0.0000**	**992.1301**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0696	1.4240	2.3325	4.0400e-003		0.0110	0.0110		0.0110	0.0110	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	**0.0696**	**1.4240**	**2.3325**	**4.0400e-003**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**343.0332**	**343.0332**	**0.0128**	**0.0000**	**343.3526**

3.4 Building Construction - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0436	1.7054	0.2673	6.9500e-003	0.1819	2.0500e-003	0.1840	0.0526	1.9600e-003	0.0546	0.0000	659.5654	659.5654	0.0335	0.0000	660.4033
Worker	0.1054	0.0662	0.8284	3.6600e-003	0.5709	1.9700e-003	0.5729	0.1519	1.8100e-003	0.1537	0.0000	331.6160	331.6160	4.4300e-003	0.0000	331.7268
Total	**0.1489**	**1.7716**	**1.0956**	**0.0106**	**0.7528**	**4.0200e-003**	**0.7569**	**0.2046**	**3.7700e-003**	**0.2083**	**0.0000**	**991.1814**	**991.1814**	**0.0379**	**0.0000**	**992.1301**

3.4 Building Construction - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3479	344.3479	0.0128	0.0000	344.6686
Total	**0.1594**	**0.9381**	**2.1114**	**4.0600e-003**		**0.0118**	**0.0118**		**0.0118**	**0.0118**	**0.0000**	**344.3479**	**344.3479**	**0.0128**	**0.0000**	**344.6686**

3.4 Building Construction - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0437	1.7119	0.2683	6.9700e-003	0.1826	2.0600e-003	0.1847	0.0528	1.9700e-003	0.0548	0.0000	662.0925	662.0925	0.0336	0.0000	662.9336
Worker	0.1058	0.0664	0.8315	3.6800e-003	0.5731	1.9800e-003	0.5751	0.1525	1.8200e-003	0.1543	0.0000	332.8866	332.8866	4.4500e-003	0.0000	332.9978
Total	**0.1495**	**1.7783**	**1.0998**	**0.0107**	**0.7557**	**4.0400e-003**	**0.7598**	**0.2053**	**3.7900e-003**	**0.2091**	**0.0000**	**994.9791**	**994.9791**	**0.0381**	**0.0000**	**995.9314**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0699	1.4295	2.3415	4.0600e-003		0.0111	0.0111		0.0111	0.0111	0.0000	344.3475	344.3475	0.0128	0.0000	344.6682
Total	**0.0699**	**1.4295**	**2.3415**	**4.0600e-003**		**0.0111**	**0.0111**		**0.0111**	**0.0111**	**0.0000**	**344.3475**	**344.3475**	**0.0128**	**0.0000**	**344.6682**

3.4 Building Construction - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0437	1.7119	0.2683	6.9700e-003	0.1826	2.0600e-003	0.1847	0.0528	1.9700e-003	0.0548	0.0000	662.0925	662.0925	0.0336	0.0000	662.9336
Worker	0.1058	0.0664	0.8315	3.6800e-003	0.5731	1.9800e-003	0.5751	0.1525	1.8200e-003	0.1543	0.0000	332.8866	332.8866	4.4500e-003	0.0000	332.9978
Total	**0.1495**	**1.7783**	**1.0998**	**0.0107**	**0.7557**	**4.0400e-003**	**0.7598**	**0.2053**	**3.7900e-003**	**0.2091**	**0.0000**	**994.9791**	**994.9791**	**0.0381**	**0.0000**	**995.9314**

3.4 Building Construction - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	**0.1588**	**0.9346**	**2.1034**	**4.0400e-003**		**0.0118**	**0.0118**		**0.0118**	**0.0118**	**0.0000**	**343.0336**	**343.0336**	**0.0128**	**0.0000**	**343.3530**

3.4 Building Construction - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0436	1.7054	0.2673	6.9500e-003	0.1819	2.0500e-003	0.1840	0.0526	1.9600e-003	0.0546	0.0000	659.5654	659.5654	0.0335	0.0000	660.4033
Worker	0.1054	0.0662	0.8284	3.6600e-003	0.5709	1.9700e-003	0.5729	0.1519	1.8100e-003	0.1537	0.0000	331.6160	331.6160	4.4300e-003	0.0000	331.7268
Total	**0.1489**	**1.7716**	**1.0956**	**0.0106**	**0.7528**	**4.0200e-003**	**0.7569**	**0.2046**	**3.7700e-003**	**0.2083**	**0.0000**	**991.1814**	**991.1814**	**0.0379**	**0.0000**	**992.1301**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0696	1.4240	2.3325	4.0400e-003		0.0110	0.0110		0.0110	0.0110	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	**0.0696**	**1.4240**	**2.3325**	**4.0400e-003**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**343.0332**	**343.0332**	**0.0128**	**0.0000**	**343.3526**

3.4 Building Construction - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0436	1.7054	0.2673	6.9500e-003	0.1819	2.0500e-003	0.1840	0.0526	1.9600e-003	0.0546	0.0000	659.5654	659.5654	0.0335	0.0000	660.4033
Worker	0.1054	0.0662	0.8284	3.6600e-003	0.5709	1.9700e-003	0.5729	0.1519	1.8100e-003	0.1537	0.0000	331.6160	331.6160	4.4300e-003	0.0000	331.7268
Total	**0.1489**	**1.7716**	**1.0956**	**0.0106**	**0.7528**	**4.0200e-003**	**0.7569**	**0.2046**	**3.7700e-003**	**0.2083**	**0.0000**	**991.1814**	**991.1814**	**0.0379**	**0.0000**	**992.1301**

3.4 Building Construction - 2038

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	**0.1588**	**0.9346**	**2.1034**	**4.0400e-003**		**0.0118**	**0.0118**		**0.0118**	**0.0118**	**0.0000**	**343.0336**	**343.0336**	**0.0128**	**0.0000**	**343.3530**

3.4 Building Construction - 2038

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0436	1.7054	0.2673	6.9500e-003	0.1819	2.0500e-003	0.1840	0.0526	1.9600e-003	0.0546	0.0000	659.5654	659.5654	0.0335	0.0000	660.4033
Worker	0.1054	0.0662	0.8284	3.6600e-003	0.5709	1.9700e-003	0.5729	0.1519	1.8100e-003	0.1537	0.0000	331.6160	331.6160	4.4300e-003	0.0000	331.7268
Total	**0.1489**	**1.7716**	**1.0956**	**0.0106**	**0.7528**	**4.0200e-003**	**0.7569**	**0.2046**	**3.7700e-003**	**0.2083**	**0.0000**	**991.1814**	**991.1814**	**0.0379**	**0.0000**	**992.1301**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0696	1.4240	2.3325	4.0400e-003		0.0110	0.0110		0.0110	0.0110	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	**0.0696**	**1.4240**	**2.3325**	**4.0400e-003**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**343.0332**	**343.0332**	**0.0128**	**0.0000**	**343.3526**

3.4 Building Construction - 2038

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0436	1.7054	0.2673	6.9500e-003	0.1819	2.0500e-003	0.1840	0.0526	1.9600e-003	0.0546	0.0000	659.5654	659.5654	0.0335	0.0000	660.4033
Worker	0.1054	0.0662	0.8284	3.6600e-003	0.5709	1.9700e-003	0.5729	0.1519	1.8100e-003	0.1537	0.0000	331.6160	331.6160	4.4300e-003	0.0000	331.7268
Total	**0.1489**	**1.7716**	**1.0956**	**0.0106**	**0.7528**	**4.0200e-003**	**0.7569**	**0.2046**	**3.7700e-003**	**0.2083**	**0.0000**	**991.1814**	**991.1814**	**0.0379**	**0.0000**	**992.1301**

3.4 Building Construction - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1126	0.6624	1.4909	2.8600e-003		8.3600e-003	8.3600e-003		8.3600e-003	8.3600e-003	0.0000	243.1464	243.1464	9.0600e-003	0.0000	243.3729
Total	**0.1126**	**0.6624**	**1.4909**	**2.8600e-003**		**8.3600e-003**	**8.3600e-003**		**8.3600e-003**	**8.3600e-003**	**0.0000**	**243.1464**	**243.1464**	**9.0600e-003**	**0.0000**	**243.3729**

3.4 Building Construction - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0309	1.2088	0.1894	4.9200e-003	0.1289	1.4600e-003	0.1304	0.0373	1.3900e-003	0.0387	0.0000	467.5081	467.5081	0.0238	0.0000	468.1019
Worker	0.0747	0.0469	0.5872	2.6000e-003	0.4047	1.4000e-003	0.4061	0.1077	1.2900e-003	0.1090	0.0000	235.0535	235.0535	3.1400e-003	0.0000	235.1321
Total	**0.1055**	**1.2557**	**0.7766**	**7.5200e-003**	**0.5336**	**2.8600e-003**	**0.5365**	**0.1450**	**2.6800e-003**	**0.1477**	**0.0000**	**702.5615**	**702.5615**	**0.0269**	**0.0000**	**703.2340**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0494	1.0094	1.6533	2.8600e-003		7.8300e-003	7.8300e-003		7.8300e-003	7.8300e-003	0.0000	243.1462	243.1462	9.0600e-003	0.0000	243.3726
Total	**0.0494**	**1.0094**	**1.6533**	**2.8600e-003**		**7.8300e-003**	**7.8300e-003**		**7.8300e-003**	**7.8300e-003**	**0.0000**	**243.1462**	**243.1462**	**9.0600e-003**	**0.0000**	**243.3726**

3.4 Building Construction - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0309	1.2088	0.1894	4.9200e-003	0.1289	1.4600e-003	0.1304	0.0373	1.3900e-003	0.0387	0.0000	467.5081	467.5081	0.0238	0.0000	468.1019
Worker	0.0747	0.0469	0.5872	2.6000e-003	0.4047	1.4000e-003	0.4061	0.1077	1.2900e-003	0.1090	0.0000	235.0535	235.0535	3.1400e-003	0.0000	235.1321
Total	**0.1055**	**1.2557**	**0.7766**	**7.5200e-003**	**0.5336**	**2.8600e-003**	**0.5365**	**0.1450**	**2.6800e-003**	**0.1477**	**0.0000**	**702.5615**	**702.5615**	**0.0269**	**0.0000**	**703.2340**

3.5 Paving - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0428	0.1829	0.5933	1.0500e-003		7.0300e-003	7.0300e-003		7.0300e-003	7.0300e-003	0.0000	90.3732	90.3732	3.4800e-003	0.0000	90.4601
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0428**	**0.1829**	**0.5933**	**1.0500e-003**		**7.0300e-003**	**7.0300e-003**		**7.0300e-003**	**7.0300e-003**	**0.0000**	**90.3732**	**90.3732**	**3.4800e-003**	**0.0000**	**90.4601**

3.5 Paving - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.5000e-004	6.0000e-004	7.4500e-003	3.0000e-005	5.1400e-003	2.0000e-005	5.1600e-003	1.3700e-003	2.0000e-005	1.3800e-003	0.0000	2.9841	2.9841	4.0000e-005	0.0000	2.9851
Total	**9.5000e-004**	**6.0000e-004**	**7.4500e-003**	**3.0000e-005**	**5.1400e-003**	**2.0000e-005**	**5.1600e-003**	**1.3700e-003**	**2.0000e-005**	**1.3800e-003**	**0.0000**	**2.9841**	**2.9841**	**4.0000e-005**	**0.0000**	**2.9851**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0125	0.3765	0.6486	1.0500e-003		1.4000e-003	1.4000e-003		1.4000e-003	1.4000e-003	0.0000	90.3731	90.3731	3.4800e-003	0.0000	90.4600
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0125**	**0.3765**	**0.6486**	**1.0500e-003**		**1.4000e-003**	**1.4000e-003**		**1.4000e-003**	**1.4000e-003**	**0.0000**	**90.3731**	**90.3731**	**3.4800e-003**	**0.0000**	**90.4600**

3.5 Paving - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.5000e-004	6.0000e-004	7.4500e-003	3.0000e-005	5.1400e-003	2.0000e-005	5.1600e-003	1.3700e-003	2.0000e-005	1.3800e-003	0.0000	2.9841	2.9841	4.0000e-005	0.0000	2.9851
Total	**9.5000e-004**	**6.0000e-004**	**7.4500e-003**	**3.0000e-005**	**5.1400e-003**	**2.0000e-005**	**5.1600e-003**	**1.3700e-003**	**2.0000e-005**	**1.3800e-003**	**0.0000**	**2.9841**	**2.9841**	**4.0000e-005**	**0.0000**	**2.9851**

3.5 Paving - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1289	0.4662	2.0168	3.5800e-003		0.0148	0.0148		0.0148	0.0148	0.0000	307.2688	307.2688	0.0103	0.0000	307.5270
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1289**	**0.4662**	**2.0168**	**3.5800e-003**		**0.0148**	**0.0148**		**0.0148**	**0.0148**	**0.0000**	**307.2688**	**307.2688**	**0.0103**	**0.0000**	**307.5270**

3.5 Paving - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3100e-003	1.5100e-003	0.0203	1.1000e-004	0.0175	5.0000e-005	0.0175	4.6500e-003	4.0000e-005	4.6900e-003	0.0000	9.6410	9.6410	9.0000e-005	0.0000	9.6433
Total	**2.3100e-003**	**1.5100e-003**	**0.0203**	**1.1000e-004**	**0.0175**	**5.0000e-005**	**0.0175**	**4.6500e-003**	**4.0000e-005**	**4.6900e-003**	**0.0000**	**9.6410**	**9.6410**	**9.0000e-005**	**0.0000**	**9.6433**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0426	1.2800	2.2052	3.5800e-003		4.7700e-003	4.7700e-003		4.7700e-003	4.7700e-003	0.0000	307.2685	307.2685	0.0103	0.0000	307.5266
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0426**	**1.2800**	**2.2052**	**3.5800e-003**		**4.7700e-003**	**4.7700e-003**		**4.7700e-003**	**4.7700e-003**	**0.0000**	**307.2685**	**307.2685**	**0.0103**	**0.0000**	**307.5266**

3.5 Paving - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3100e-003	1.5100e-003	0.0203	1.1000e-004	0.0175	5.0000e-005	0.0175	4.6500e-003	4.0000e-005	4.6900e-003	0.0000	9.6410	9.6410	9.0000e-005	0.0000	9.6433
Total	**2.3100e-003**	**1.5100e-003**	**0.0203**	**1.1000e-004**	**0.0175**	**5.0000e-005**	**0.0175**	**4.6500e-003**	**4.0000e-005**	**4.6900e-003**	**0.0000**	**9.6410**	**9.6410**	**9.0000e-005**	**0.0000**	**9.6433**

3.6 Architectural Coating - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0800					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.4000e-004	2.1800e-003	5.3800e-003	1.0000e-005		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.7660	0.7660	3.0000e-005	0.0000	0.7667
Total	**0.0804**	**2.1800e-003**	**5.3800e-003**	**1.0000e-005**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**0.7660**	**0.7660**	**3.0000e-005**	**0.0000**	**0.7667**

3.6 Architectural Coating - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.5000e-004	2.3000e-004	3.0600e-003	2.0000e-005	2.6300e-003	1.0000e-005	2.6400e-003	7.0000e-004	1.0000e-005	7.1000e-004	0.0000	1.4518	1.4518	1.0000e-005	0.0000	1.4522
Total	**3.5000e-004**	**2.3000e-004**	**3.0600e-003**	**2.0000e-005**	**2.6300e-003**	**1.0000e-005**	**2.6400e-003**	**7.0000e-004**	**1.0000e-005**	**7.1000e-004**	**0.0000**	**1.4518**	**1.4518**	**1.0000e-005**	**0.0000**	**1.4522**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0800					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.6000e-004	3.1800e-003	5.5000e-003	1.0000e-005		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	0.7660	0.7660	3.0000e-005	0.0000	0.7667
Total	**0.0802**	**3.1800e-003**	**5.5000e-003**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**0.7660**	**0.7660**	**3.0000e-005**	**0.0000**	**0.7667**

3.6 Architectural Coating - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.5000e-004	2.3000e-004	3.0600e-003	2.0000e-005	2.6300e-003	1.0000e-005	2.6400e-003	7.0000e-004	1.0000e-005	7.1000e-004	0.0000	1.4518	1.4518	1.0000e-005	0.0000	1.4522
Total	**3.5000e-004**	**2.3000e-004**	**3.0600e-003**	**2.0000e-005**	**2.6300e-003**	**1.0000e-005**	**2.6400e-003**	**7.0000e-004**	**1.0000e-005**	**7.1000e-004**	**0.0000**	**1.4518**	**1.4518**	**1.0000e-005**	**0.0000**	**1.4522**

3.6 Architectural Coating - 2041

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.4811					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0150	0.0949	0.2339	3.9000e-004		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004	0.0000	33.3200	33.3200	1.1700e-003	0.0000	33.3493
Total	**3.4961**	**0.0949**	**0.2339**	**3.9000e-004**		**9.7000e-004**	**9.7000e-004**		**9.7000e-004**	**9.7000e-004**	**0.0000**	**33.3200**	**33.3200**	**1.1700e-003**	**0.0000**	**33.3493**

3.6 Architectural Coating - 2041

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0151	9.8800e-003	0.1332	7.0000e-004	0.1144	3.0000e-004	0.1147	0.0305	2.7000e-004	0.0307	0.0000	63.1545	63.1545	6.0000e-004	0.0000	63.1695
Total	**0.0151**	**9.8800e-003**	**0.1332**	**7.0000e-004**	**0.1144**	**3.0000e-004**	**0.1147**	**0.0305**	**2.7000e-004**	**0.0307**	**0.0000**	**63.1545**	**63.1545**	**6.0000e-004**	**0.0000**	**63.1695**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.4811					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.1100e-003	0.1383	0.2391	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.3199	33.3199	1.1700e-003	0.0000	33.3492
Total	**3.4883**	**0.1383**	**0.2391**	**3.9000e-004**		**5.2000e-004**	**5.2000e-004**		**5.2000e-004**	**5.2000e-004**	**0.0000**	**33.3199**	**33.3199**	**1.1700e-003**	**0.0000**	**33.3492**

3.6 Architectural Coating - 2041

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0151	9.8800e-003	0.1332	7.0000e-004	0.1144	3.0000e-004	0.1147	0.0305	2.7000e-004	0.0307	0.0000	63.1545	63.1545	6.0000e-004	0.0000	63.1695
Total	**0.0151**	**9.8800e-003**	**0.1332**	**7.0000e-004**	**0.1144**	**3.0000e-004**	**0.1147**	**0.0305**	**2.7000e-004**	**0.0307**	**0.0000**	**63.1545**	**63.1545**	**6.0000e-004**	**0.0000**	**63.1695**

3.6 Architectural Coating - 2042

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.8403					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.6200e-003	0.0229	0.0565	9.0000e-005		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	8.0428	8.0428	2.8000e-004	0.0000	8.0498
Total	**0.8439**	**0.0229**	**0.0565**	**9.0000e-005**		**2.3000e-004**	**2.3000e-004**		**2.3000e-004**	**2.3000e-004**	**0.0000**	**8.0428**	**8.0428**	**2.8000e-004**	**0.0000**	**8.0498**

3.6 Architectural Coating - 2042

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6600e-003	2.3800e-003	0.0322	1.7000e-004	0.0276	7.0000e-005	0.0277	7.3500e-003	7.0000e-005	7.4200e-003	0.0000	15.2442	15.2442	1.5000e-004	0.0000	15.2478
Total	**3.6600e-003**	**2.3800e-003**	**0.0322**	**1.7000e-004**	**0.0276**	**7.0000e-005**	**0.0277**	**7.3500e-003**	**7.0000e-005**	**7.4200e-003**	**0.0000**	**15.2442**	**15.2442**	**1.5000e-004**	**0.0000**	**15.2478**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.8403					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7200e-003	0.0334	0.0577	9.0000e-005		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	8.0427	8.0427	2.8000e-004	0.0000	8.0498
Total	**0.8420**	**0.0334**	**0.0577**	**9.0000e-005**		**1.2000e-004**	**1.2000e-004**		**1.2000e-004**	**1.2000e-004**	**0.0000**	**8.0427**	**8.0427**	**2.8000e-004**	**0.0000**	**8.0498**

3.6 Architectural Coating - 2042

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6600e-003	2.3800e-003	0.0322	1.7000e-004	0.0276	7.0000e-005	0.0277	7.3500e-003	7.0000e-005	7.4200e-003	0.0000	15.2442	15.2442	1.5000e-004	0.0000	15.2478
Total	**3.6600e-003**	**2.3800e-003**	**0.0322**	**1.7000e-004**	**0.0276**	**7.0000e-005**	**0.0277**	**7.3500e-003**	**7.0000e-005**	**7.4200e-003**	**0.0000**	**15.2442**	**15.2442**	**1.5000e-004**	**0.0000**	**15.2478**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.8519	5.0651	20.0039	0.0772	10.6682	0.0488	10.7170	2.8510	0.0453	2.8963	0.0000	7,046.0859	7,046.0859	0.1947	0.0000	7,050.9529
Unmitigated	1.8519	5.0651	20.0039	0.0772	10.6682	0.0488	10.7170	2.8510	0.0453	2.8963	0.0000	7,046.0859	7,046.0859	0.1947	0.0000	7,050.9529

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	1,158.01	1,251.21	1060.15	3,186,535	3,186,535
Medical Office Building	6,888.00	1,707.65	295.20	10,189,680	10,189,680
Single Family Housing	4,146.72	4,312.98	3750.63	11,326,833	11,326,833
Strip Mall	3,115.89	2,972.51	1444.52	4,399,317	4,399,317
Total	15,308.62	10,244.35	6,550.50	29,102,366	29,102,366

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 Low Rise	10.51	7.30	7.50	35.00	17.00	48.00	86	11	3
Medical Office Building	9.50	7.30	7.30	29.60	51.40	19.00	60	30	10
Single Family Housing	10.51	7.30	7.50	35.00	17.00	48.00	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Medical Office Building	0.593716	0.028721	0.183567	0.094230	0.011707	0.003426	0.018589	0.001200	0.001370	0.000987	0.004303	0.001016	0.000487
Apartments Low Rise	0.650398	0.028721	0.183567	0.094230	0.011707	0.003426	0.018589	0.001200	0.001370	0.000987	0.004303	0.001016	0.000487
Single Family Housing	0.650398	0.028721	0.183567	0.094230	0.011707	0.003426	0.018589	0.001200	0.001370	0.000987	0.004303	0.001016	0.000487
Strip Mall	0.593716	0.028721	0.183567	0.094230	0.011707	0.003426	0.018589	0.001200	0.001370	0.000987	0.004303	0.001016	0.000487

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,043.9364	1,043.9364	0.1044	0.0216	1,052.9827
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,058.0950	1,058.0950	0.1058	0.0219	1,067.2640
NaturalGas Mitigated	0.1068	0.9235	0.4687	5.8200e-003		0.0738	0.0738		0.0738	0.0738	0.0000	1,056.8600	1,056.8600	0.0203	0.0194	1,063.1403
NaturalGas Unmitigated	0.1068	0.9235	0.4687	5.8200e-003		0.0738	0.0738		0.0738	0.0738	0.0000	1,056.8600	1,056.8600	0.0203	0.0194	1,063.1403

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	3.2938e+006	0.0178	0.1518	0.0646	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	175.7695	175.7695	3.3700e-003	3.2200e-003	176.8140
Medical Office Building	2.67525e+006	0.0144	0.1311	0.1102	7.9000e-004		9.9700e-003	9.9700e-003		9.9700e-003	9.9700e-003	0.0000	142.7615	142.7615	2.7400e-003	2.6200e-003	143.6099
Single Family Housing	1.2785e+007	0.0689	0.5891	0.2507	3.7600e-003		0.0476	0.0476		0.0476	0.0476	0.0000	682.2575	682.2575	0.0131	0.0125	686.3118
Strip Mall	1.05074e+006	5.6700e-003	0.0515	0.0433	3.1000e-004		3.9100e-003	3.9100e-003		3.9100e-003	3.9100e-003	0.0000	56.0715	56.0715	1.0700e-003	1.0300e-003	56.4047
Total		**0.1068**	**0.9235**	**0.4687**	**5.8300e-003**		**0.0738**	**0.0738**		**0.0738**	**0.0738**	**0.0000**	**1,056.8600**	**1,056.8600**	**0.0203**	**0.0194**	**1,063.1403**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	3.2938e+006	0.0178	0.1518	0.0646	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	175.7695	175.7695	3.3700e-003	3.2200e-003	176.8140
Medical Office Building	2.67525e+006	0.0144	0.1311	0.1102	7.9000e-004		9.9700e-003	9.9700e-003		9.9700e-003	9.9700e-003	0.0000	142.7615	142.7615	2.7400e-003	2.6200e-003	143.6099
Single Family Housing	1.2785e+007	0.0689	0.5891	0.2507	3.7600e-003		0.0476	0.0476		0.0476	0.0476	0.0000	682.2575	682.2575	0.0131	0.0125	686.3118
Strip Mall	1.05074e+006	5.6700e-003	0.0515	0.0433	3.1000e-004		3.9100e-003	3.9100e-003		3.9100e-003	3.9100e-003	0.0000	56.0715	56.0715	1.0700e-003	1.0300e-003	56.4047
Total		**0.1068**	**0.9235**	**0.4687**	**5.8300e-003**		**0.0738**	**0.0738**		**0.0738**	**0.0738**	**0.0000**	**1,056.8600**	**1,056.8600**	**0.0203**	**0.0194**	**1,063.1403**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	1.08986e+006	143.3624	0.0143	2.9700e-003	144.6047
Medical Office Building	1.8696e+006	245.9305	0.0246	5.0900e-003	248.0616
Single Family Housing	4.284e+006	563.5253	0.0564	0.0117	568.4085
Strip Mall	800330	105.2768	0.0105	2.1800e-003	106.1891
Total		**1,058.0951**	**0.1058**	**0.0219**	**1,067.2640**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	1.06443e+006	140.0174	0.0140	2.9000e-003	141.2307
Medical Office Building	1.8696e+006	245.9305	0.0246	5.0900e-003	248.0616
Single Family Housing	4.2018e+006	552.7117	0.0553	0.0114	557.5012
Strip Mall	800330	105.2768	0.0105	2.1800e-003	106.1891
Total		**1,043.9364**	**0.1044**	**0.0216**	**1,052.9827**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	6.2067	0.2473	5.4239	1.4700e-003		0.0448	0.0448		0.0448	0.0448	0.0000	223.8004	223.8004	0.0125	3.9400e-003	225.2870
Unmitigated	6.2067	0.2473	5.4239	1.4700e-003		0.0448	0.0448		0.0448	0.0448	0.0000	223.8004	223.8004	0.0125	3.9400e-003	225.2870

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.3204					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.7046					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0217	0.1857	0.0790	1.1900e-003		0.0150	0.0150		0.0150	0.0150	0.0000	215.0380	215.0380	4.1200e-003	3.9400e-003	216.3159
Landscaping	0.1600	0.0617	5.3449	2.8000e-004		0.0297	0.0297		0.0297	0.0297	0.0000	8.7624	8.7624	8.3500e-003	0.0000	8.9712
Total	**6.2067**	**0.2473**	**5.4239**	**1.4700e-003**		**0.0448**	**0.0448**		**0.0448**	**0.0448**	**0.0000**	**223.8004**	**223.8004**	**0.0125**	**3.9400e-003**	**225.2870**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.3204					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.7046					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0217	0.1857	0.0790	1.1900e-003		0.0150	0.0150		0.0150	0.0150	0.0000	215.0380	215.0380	4.1200e-003	3.9400e-003	216.3159
Landscaping	0.1600	0.0617	5.3449	2.8000e-004		0.0297	0.0297		0.0297	0.0297	0.0000	8.7624	8.7624	8.3500e-003	0.0000	8.9712
Total	**6.2067**	**0.2473**	**5.4239**	**1.4700e-003**		**0.0448**	**0.0448**		**0.0448**	**0.0448**	**0.0000**	**223.8004**	**223.8004**	**0.0125**	**3.9400e-003**	**225.2870**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	112.3770	2.9163	0.0704	206.2628
Unmitigated	112.3770	2.9163	0.0704	206.2628

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	15.1809 / 9.57056	20.0278	0.4962	0.0120	36.0070
Medical Office Building	25.7235 / 4.89972	28.7260	0.8403	0.0202	55.7572
Single Family Housing	30.5572 / 19.2643	40.3134	0.9988	0.0241	72.4777
Strip Mall	17.7774 / 10.8958	23.3098	0.5810	0.0140	42.0209
Total		**112.3770**	**2.9163**	**0.0704**	**206.2628**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	15.1809 / 9.57056	20.0278	0.4962	0.0120	36.0070
Medical Office Building	25.7235 / 4.89972	28.7260	0.8403	0.0202	55.7572
Single Family Housing	30.5572 / 19.2643	40.3134	0.9988	0.0241	72.4777
Strip Mall	17.7774 / 10.8958	23.3098	0.5810	0.0140	42.0209
Total		**112.3770**	**2.9163**	**0.0704**	**206.2628**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	574.4666	36.6604	0.0000	1,490.9753
Unmitigated	574.4666	36.6604	0.0000	1,490.9753

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	107.18	20.1481	1.2858	0.0000	52.2925
Medical Office Building	2214	416.1957	26.5601	0.0000	1,080.1977
Single Family Housing	482.76	90.7510	5.7914	0.0000	235.5358
Strip Mall	252	47.3719	3.0231	0.0000	122.9493
Total		**574.4666**	**36.6604**	**0.0000**	**1,490.9753**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	107.18	20.1481	1.2858	0.0000	52.2925
Medical Office Building	2214	416.1957	26.5601	0.0000	1,080.1977
Single Family Housing	482.76	90.7510	5.7914	0.0000	235.5358
Strip Mall	252	47.3719	3.0231	0.0000	122.9493
Total		**574.4666**	**36.6604**	**0.0000**	**1,490.9753**

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

Stonegate, Chico - Construction and Operation

Butte County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Medical Office Building	205.00	1000sqft	0.00	205,000.00	0
Apartments Low Rise	233.00	Dwelling Unit	0.00	233,000.00	576
Single Family Housing	489.00	Dwelling Unit	182.50	880,200.00	1208
Strip Mall	98.20	1000sqft	2.25	98,200.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	71
Climate Zone	3			**Operational Year**	2035
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	290	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Using the 2020 PG&E CO2 rate

Land Use - Land uses from traffic report, acreage from PD (313) less open space (108.2) less RS-20 area (22.3) = 182.5ac. 2.47 persons per household per US Census (1,784 total pop).

Construction Phase - default

Trips and VMT -

Grading -

Architectural Coating - Low VOC Paint

Vehicle Trips - Trip rates from project traffic report incl trip reductions. Trip lengths based on ACS data and statewide averages for urban trips.

Woodstoves - No woodstoves or wood fireplaces, up to 25% gas-powered fireplaces in SFR only.

Energy Use - This screen no manually changed

Construction Off-road Equipment Mitigation - Tier 4 engines for equip

Mobile Land Use Mitigation -

Energy Mitigation - energy-efficient appliances

Fleet Mix - Chico-specific traffic mix data

Consumer Products - 2012 CARB Almanac emissions data

Area Coating - 150 g/L Rule 230

Solid Waste - Per county data (B. Mannel, 2014) the Neal Road Landfill captures at least 90% methane

Area Mitigation - 150 g/L Rule 230

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	50.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaCoating	Area_EF_Nonresidential_Interior	250	150
tblAreaCoating	Area_EF_Residential_Exterior	250	150

tblAreaCoating	Area_EF_Residential_Interior	250	150
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	150
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
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	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConsumerProducts	ROG_EF	2.14E-05	1.82E-05
tblEnergyUse	LightingElect	2.99	2.92
tblEnergyUse	LightingElect	3.81	3.71
tblEnergyUse	NT24E	3,418.36	3,172.76
tblEnergyUse	NT24E	6,680.41	6,155.97
tblEnergyUse	T24E	818.86	694.40
tblEnergyUse	T24E	2.75	2.62
tblEnergyUse	T24E	1,127.90	995.93
tblEnergyUse	T24E	2.24	2.14
tblEnergyUse	T24NG	15,026.63	10,413.46
tblEnergyUse	T24NG	12.84	12.77
tblEnergyUse	T24NG	28,382.58	22,422.24
tblEnergyUse	T24NG	8.66	8.62
tblFireplaces	FireplaceWoodMass	5,158.40	0.00
tblFireplaces	FireplaceWoodMass	5,158.40	0.00
tblFireplaces	NumberGas	100.19	0.00
tblFireplaces	NumberGas	201.67	122.00
tblFireplaces	NumberNoFireplace	41.94	233.00
tblFireplaces	NumberNoFireplace	84.42	367.00
tblFireplaces	NumberWood	90.87	0.00
tblFireplaces	NumberWood	182.91	0.00

tblFleetMix	HHD	0.09	1.2000e-003
tblFleetMix	HHD	0.09	1.2000e-003
tblFleetMix	HHD	0.09	1.2000e-003
tblFleetMix	HHD	0.09	1.2000e-003
tblFleetMix	LDA	0.59	0.65
tblFleetMix	LDA	0.59	0.65
tblFleetMix	LDT1	0.03	0.03
tblFleetMix	LDT1	0.03	0.03
tblFleetMix	LDT1	0.03	0.03
tblFleetMix	LDT1	0.03	0.03
tblFleetMix	LDT2	0.17	0.18
tblFleetMix	LDT2	0.17	0.18
tblFleetMix	LDT2	0.17	0.18
tblFleetMix	LDT2	0.17	0.18
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	MDV	0.09	0.09
tblFleetMix	MDV	0.09	0.09
tblFleetMix	MDV	0.09	0.09
tblFleetMix	MDV	0.09	0.09
tblLandUse	LotAcreage	4.71	0.00
tblLandUse	LotAcreage	14.56	0.00
tblLandUse	LotAcreage	158.77	182.50
tblLandUse	Population	666.00	576.00
tblLandUse	Population	1,399.00	1,208.00

tblProjectCharacteristics	CO2IntensityFactor	641.35	290
tblProjectCharacteristics	OperationalYear	2018	2035
tblSolidWaste	LandfillCaptureGasEnergyRecovery	0.00	90.00
tblSolidWaste	LandfillCaptureGasEnergyRecovery	0.00	90.00
tblSolidWaste	LandfillCaptureGasEnergyRecovery	0.00	90.00
tblSolidWaste	LandfillCaptureGasEnergyRecovery	0.00	90.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	4.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	4.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	4.00
tblSolidWaste	LandfillCaptureGasFlare	94.00	4.00
tblVehicleTrips	CC_TL	10.52	7.30
tblVehicleTrips	CC_TL	10.52	7.30
tblVehicleTrips	CNW_TL	10.52	7.30
tblVehicleTrips	CNW_TL	10.52	7.30
tblVehicleTrips	CW_TL	10.52	9.50
tblVehicleTrips	CW_TL	10.52	9.50
tblVehicleTrips	HO_TL	7.22	7.50
tblVehicleTrips	HO_TL	7.22	7.50
tblVehicleTrips	HS_TL	7.22	7.30
tblVehicleTrips	HS_TL	7.22	7.30
tblVehicleTrips	HW_TL	12.54	10.51
tblVehicleTrips	HW_TL	12.54	10.51
tblVehicleTrips	ST_TR	7.16	5.37
tblVehicleTrips	ST_TR	8.96	8.33
tblVehicleTrips	ST_TR	9.91	8.82
tblVehicleTrips	ST_TR	42.04	30.27
tblVehicleTrips	SU_TR	6.07	4.55

tblVehicleTrips	SU_TR	1.55	1.44
tblVehicleTrips	SU_TR	8.62	7.67
tblVehicleTrips	SU_TR	20.43	14.71
tblVehicleTrips	WD_TR	6.59	4.97
tblVehicleTrips	WD_TR	36.13	33.60
tblVehicleTrips	WD_TR	9.52	8.48
tblVehicleTrips	WD_TR	44.32	31.73
tblWoodstoves	NumberCatalytic	20.97	0.00
tblWoodstoves	NumberCatalytic	42.21	0.00
tblWoodstoves	NumberNoncatalytic	20.97	0.00
tblWoodstoves	NumberNoncatalytic	42.21	0.00
tblWoodstoves	WoodstoveDayYear	150.00	0.00
tblWoodstoves	WoodstoveDayYear	150.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	4.4710	45.6708	23.2548	0.0399	18.2379	2.3918	20.6297	9.9762	2.2005	12.1767	0.0000	3,956.3603	3,956.3603	1.2024	0.0000	3,986.4199

Stonegate, Chico - Construction and Operation - Butte County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	4.5853	50.2930	33.1129	0.0641	18.2379	2.1988	20.4367	9.9762	2.0229	11.9991	0.0000	6,210.6161	6,210.6161	1.9525	0.0000	6,259.4294
2021	5.5216	46.4849	45.2307	0.1323	8.8641	1.9868	10.8509	3.6471	1.8278	5.4749	0.0000	13,328.4540	13,328.4540	1.9518	0.0000	13,360.8207
2022	5.0640	36.2728	42.3861	0.1302	6.0120	0.9037	6.9157	1.6271	0.8506	2.4777	0.0000	13,115.9095	13,115.9095	1.2512	0.0000	13,147.1880
2023	4.5704	31.1571	39.4500	0.1275	6.0120	0.7570	6.7690	1.6272	0.7121	2.3393	0.0000	12,850.2357	12,850.2357	1.0944	0.0000	12,877.5958
2024	4.2717	29.7051	37.3986	0.1254	6.0120	0.6678	6.6798	1.6272	0.6279	2.2551	0.0000	12,641.3012	12,641.3012	1.0701	0.0000	12,668.0530
2025	4.0037	28.2821	35.6463	0.1234	6.0120	0.5798	6.5918	1.6272	0.5452	2.1724	0.0000	12,437.1419	12,437.1419	1.0458	0.0000	12,463.2855
2026	3.8566	27.8777	34.1901	0.1215	6.0120	0.5775	6.5895	1.6272	0.5430	2.1701	0.0000	12,250.1826	12,250.1826	1.0278	0.0000	12,275.8773
2027	3.7120	27.5118	32.8331	0.1198	6.0120	0.5749	6.5869	1.6272	0.5406	2.1678	0.0000	12,080.9703	12,080.9703	1.0089	0.0000	12,106.1916
2028	3.5636	27.2066	31.6777	0.1183	6.0120	0.5722	6.5842	1.6272	0.5380	2.1652	0.0000	11,931.9556	11,931.9556	0.9929	0.0000	11,956.7768
2029	3.4038	26.9283	30.5431	0.1170	6.0120	0.5697	6.5816	1.6272	0.5357	2.1628	0.0000	11,799.0085	11,799.0085	0.9774	0.0000	11,823.4427
2030	3.1839	22.1456	29.5830	0.1198	6.0120	0.1879	6.1999	1.6272	0.1854	1.8125	0.0000	12,023.3781	12,023.3781	0.4780	0.0000	12,035.3281
2031	3.0075	21.9177	28.5637	0.1188	6.0120	0.1857	6.1977	1.6272	0.1834	1.8105	0.0000	11,921.3696	11,921.3696	0.4632	0.0000	11,932.9489
2032	2.8751	21.7289	27.7733	0.1179	6.0120	0.1838	6.1958	1.6272	0.1816	1.8087	0.0000	11,834.9572	11,834.9572	0.4518	0.0000	11,846.2534
2033	2.7520	21.5608	27.0674	0.1172	6.0120	0.1820	6.1940	1.6272	0.1799	1.8070	0.0000	11,760.6528	11,760.6528	0.4425	0.0000	11,771.7153
2034	2.6465	21.4183	26.4163	0.1165	6.0120	0.1803	6.1923	1.6272	0.1783	1.8055	0.0000	11,697.1154	11,697.1154	0.4337	0.0000	11,707.9570
2035	2.4694	20.5301	25.8534	0.1160	6.0120	0.1212	6.1332	1.6272	0.1193	1.7465	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481
2036	2.4694	20.5301	25.8534	0.1160	6.0120	0.1212	6.1332	1.6272	0.1193	1.7465	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481
2037	2.4694	20.5301	25.8534	0.1160	6.0120	0.1212	6.1332	1.6272	0.1193	1.7465	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481

	ROG	NOx	CO	SO2	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					
2038	2.4694	20.5301	25.8534	0.1160	6.0120	0.1212	6.1332	1.6272	0.1193	1.7465	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481
2039	2.4694	20.5301	25.8534	0.1160	6.0120	0.1879	6.1332	1.6272	0.1878	1.7465	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481
2040	26.9208	3.6675	16.0161	0.0290	0.9155	0.1168	0.9252	0.2428	0.1168	0.2524	0.0000	2,749.2313	2,749.2313	0.0902	0.0000	2,751.4864
2041	26.9208	0.7969	3.0621	8.9100e-003	0.9155	9.7100e-003	0.9252	0.2428	9.5300e-003	0.2524	0.0000	874.8211	874.8211	0.0158	0.0000	875.2160
2042	26.9208	0.7969	3.0621	8.9100e-003	0.9155	9.7100e-003	0.9252	0.2428	9.5300e-003	0.2524	0.0000	874.8211	874.8211	0.0158	0.0000	875.2160
Maximum	**26.9208**	**50.2930**	**45.2307**	**0.1323**	**18.2379**	**2.3918**	**20.6297**	**9.9762**	**2.2005**	**12.1767**	**0.0000**	**13,328.4540**	**13,328.4540**	**1.9525**	**0.0000**	**13,360.8207**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	0.8327	12.2601	24.1519	0.0399	4.2366	0.0635	4.3001	2.2799	0.0634	2.3433	0.0000	3,956.3603	3,956.3603	1.2024	0.0000	3,986.4199
2020	1.1462	19.3662	37.8772	0.0641	4.2366	0.1031	4.3000	2.2799	0.1029	2.3433	0.0000	6,210.6161	6,210.6161	1.9525	0.0000	6,259.4294
2021	4.1541	32.9762	46.5293	0.1323	6.0120	0.1900	6.2019	1.6271	0.1842	1.8114	0.0000	13,328.4540	13,328.4540	1.9518	0.0000	13,360.8207
2022	3.8912	31.5694	43.8964	0.1302	6.0120	0.1793	6.1912	1.6271	0.1740	1.8012	0.0000	13,115.9095	13,115.9095	1.2512	0.0000	13,147.1880
2023	3.5312	27.6844	41.0798	0.1275	6.0120	0.1419	6.1539	1.6272	0.1383	1.7655	0.0000	12,850.2357	12,850.2357	1.0944	0.0000	12,877.5958
2024	3.3336	27.1736	39.1055	0.1254	6.0120	0.1391	6.1511	1.6272	0.1356	1.7628	0.0000	12,641.3012	12,641.3012	1.0701	0.0000	12,668.0530

Stonegate, Chico - Construction and Operation - Butte County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2025	3.1698	26.7246	37.4354	0.1234	6.0120	0.1369	6.1489	1.6272	0.1335	1.7607	0.0000	12,437.1419	12,437.1419	1.0458	0.0000	12,463.2855
2026	3.0227	26.3202	35.9792	0.1215	6.0120	0.1345	6.1465	1.6272	0.1313	1.7585	0.0000	12,250.1826	12,250.1826	1.0278	0.0000	12,275.8773
2027	2.8780	25.9543	34.6222	0.1198	6.0120	0.1320	6.1440	1.6272	0.1289	1.7561	0.0000	12,080.9703	12,080.9703	1.0089	0.0000	12,106.1916
2028	2.7297	25.6491	33.4668	0.1183	6.0120	0.1292	6.1412	1.6272	0.1264	1.7535	0.0000	11,931.9556	11,931.9556	0.9929	0.0000	11,956.7768
2029	2.5699	25.3708	32.3322	0.1170	6.0120	0.1267	6.1387	1.6272	0.1240	1.7512	0.0000	11,799.0085	11,799.0085	0.9774	0.0000	11,823.4427
2030	2.4082	25.1232	31.2998	0.1198	6.0120	0.1244	6.1364	1.6272	0.1219	1.7490	0.0000	12,023.3781	12,023.3781	0.4780	0.0000	12,035.3281
2031	2.2319	24.8952	30.2805	0.1188	6.0120	0.1222	6.1342	1.6272	0.1198	1.7470	0.0000	11,921.3696	11,921.3696	0.4632	0.0000	11,932.9489
2032	2.0995	24.7064	29.4901	0.1179	6.0120	0.1203	6.1323	1.6272	0.1180	1.7452	0.0000	11,834.9572	11,834.9572	0.4518	0.0000	11,846.2534
2033	1.9764	24.5384	28.7842	0.1172	6.0120	0.1185	6.1305	1.6272	0.1163	1.7435	0.0000	11,760.6528	11,760.6528	0.4425	0.0000	11,771.7153
2034	1.8709	24.3958	28.1331	0.1165	6.0120	0.1168	6.1288	1.6272	0.1148	1.7420	0.0000	11,697.1154	11,697.1154	0.4337	0.0000	11,707.9570
2035	1.7861	24.2809	27.6094	0.1160	6.0120	0.1154	6.1274	1.6272	0.1135	1.7406	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481
2036	1.7861	24.2809	27.6094	0.1160	6.0120	0.1154	6.1274	1.6272	0.1135	1.7406	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481
2037	1.7861	24.2809	27.6094	0.1160	6.0120	0.1154	6.1274	1.6272	0.1135	1.7406	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481
2038	1.7861	24.2809	27.6094	0.1160	6.0120	0.1154	6.1274	1.6272	0.1135	1.7406	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481
2039	1.7861	24.2809	27.6094	0.1160	6.0120	0.1154	6.1274	1.6272	0.1135	1.7406	0.0000	11,643.3926	11,643.3926	0.4182	0.0000	11,653.8481
2040	26.8603	10.0504	17.4941	0.0290	0.9155	0.0378	0.9218	0.2428	0.0377	0.2489	0.0000	2,749.2313	2,749.2313	0.0902	0.0000	2,751.4864
2041	26.8603	1.1297	3.1022	8.9100e-003	0.9155	6.2400e-003	0.9218	0.2428	6.0600e-003	0.2489	0.0000	874.8211	874.8211	0.0158	0.0000	875.2160
2042	26.8603	1.1297	3.1022	8.9100e-003	0.9155	6.2400e-003	0.9218	0.2428	6.0600e-003	0.2489	0.0000	874.8211	874.8211	0.0158	0.0000	875.2160

Maximum	26.8603	32.9762	46.5293	0.1323	6.0120	0.1900	6.2019	2.2799	0.1842	2.3433	0.0000	13,328.4540	13,328.4540	1.9525	0.0000	13,360.8207

	ROG	NOx	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	15.03	9.37	-5.86	0.00	19.74	79.97	24.50	32.48	79.05	41.32	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	35.0810	3.1608	60.4408	0.0190		0.5306	0.5306		0.5306	0.5306	0.0000	3,267.8388	3,267.8388	0.1629	0.0579	3,289.1769
Energy	0.5852	5.0605	2.5682	0.0319		0.4043	0.4043		0.4043	0.4043		6,383.4996	6,383.4996	0.1224	0.1170	6,421.4336
Mobile	16.0458	30.9256	145.3302	0.5347	70.6209	0.3099	70.9308	18.8051	0.2877	19.0928		53,761.0652	53,761.0652	1.4166		53,796.4795
Total	**51.7119**	**39.1469**	**208.3392**	**0.5855**	**70.6209**	**1.2448**	**71.8657**	**18.8051**	**1.2226**	**20.0277**	**0.0000**	**63,412.4035**	**63,412.4035**	**1.7018**	**0.1750**	**63,507.0900**

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	35.0810	3.1608	60.4408	0.0190		0.5306	0.5306		0.5306	0.5306	0.0000	3,267.8388	3,267.8388	0.1629	0.0579	3,289.1769
Energy	0.5852	5.0605	2.5682	0.0319		0.4043	0.4043		0.4043	0.4043		6,383.4996	6,383.4996	0.1224	0.1170	6,421.4336
Mobile	16.0458	30.9256	145.3302	0.5347	70.6209	0.3099	70.9308	18.8051	0.2877	19.0928		53,761.0652	53,761.0652	1.4166		53,796.4795
Total	**51.7119**	**39.1469**	**208.3392**	**0.5855**	**70.6209**	**1.2448**	**71.8657**	**18.8051**	**1.2226**	**20.0277**	**0.0000**	**63,412.4035**	**63,412.4035**	**1.7018**	**0.1750**	**63,507.0900**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	6/1/2019	2/7/2020	5	180	
2	Grading	Grading	2/8/2020	11/19/2021	5	465	
3	Building Construction	Building Construction	11/20/2021	9/16/2039	5	4650	
4	Paving	Paving	9/17/2039	12/21/2040	5	330	
5	Architectural Coating	Architectural Coating	12/22/2040	3/28/2042	5	330	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1162.5

Acres of Paving: 0

Residential Indoor: 2,181,330; Residential Outdoor: 727,110; Non-Residential Indoor: 667,500; Non-Residential Outdoor: 222,500; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	479.00	148.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	96.00	0.00	0.00	12.54	10.52	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991		3,766.4529	3,766.4529	1.1917		3,796.2445
Total	**4.3350**	**45.5727**	**22.0630**	**0.0380**	**18.0663**	**2.3904**	**20.4566**	**9.9307**	**2.1991**	**12.1298**		**3,766.4529**	**3,766.4529**	**1.1917**		**3,796.2445**

3.2 Site Preparation - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1360	0.0981	1.1918	1.9200e-003	0.1717	1.4400e-003	0.1731	0.0455	1.3300e-003	0.0469		189.9074	189.9074	0.0107		190.1754
Total	**0.1360**	**0.0981**	**1.1918**	**1.9200e-003**	**0.1717**	**1.4400e-003**	**0.1731**	**0.0455**	**1.3300e-003**	**0.0469**		**189.9074**	**189.9074**	**0.0107**		**190.1754**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.0649	0.0000	4.0649	2.2344	0.0000	2.2344			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445
Total	**0.6967**	**12.1620**	**22.9600**	**0.0380**	**4.0649**	**0.0621**	**4.1270**	**2.2344**	**0.0621**	**2.2965**	**0.0000**	**3,766.4529**	**3,766.4529**	**1.1917**		**3,796.2445**

3.2 Site Preparation - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1360	0.0981	1.1918	1.9200e-003	0.1717	1.4400e-003	0.1731	0.0455	1.3300e-003	0.0469		189.9074	189.9074	0.0107		190.1754
Total	**0.1360**	**0.0981**	**1.1918**	**1.9200e-003**	**0.1717**	**1.4400e-003**	**0.1731**	**0.0455**	**1.3300e-003**	**0.0469**		**189.9074**	**189.9074**	**0.0107**		**190.1754**

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**4.0765**	**42.4173**	**21.5136**	**0.0380**	**18.0663**	**2.1974**	**20.2637**	**9.9307**	**2.0216**	**11.9523**		**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

3.2 Site Preparation - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1217	0.0859	1.0391	1.8600e-003	0.1717	1.3600e-003	0.1730	0.0455	1.2500e-003	0.0468		184.2758	184.2758	9.1000e-003		184.5033
Total	**0.1217**	**0.0859**	**1.0391**	**1.8600e-003**	**0.1717**	**1.3600e-003**	**0.1730**	**0.0455**	**1.2500e-003**	**0.0468**		**184.2758**	**184.2758**	**9.1000e-003**		**184.5033**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					4.0649	0.0000	4.0649	2.2344	0.0000	2.2344			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
Total	**0.6967**	**12.1620**	**22.9600**	**0.0380**	**4.0649**	**0.0621**	**4.1270**	**2.2344**	**0.0621**	**2.2965**	**0.0000**	**3,685.1016**	**3,685.1016**	**1.1918**		**3,714.8975**

3.2 Site Preparation - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1217	0.0859	1.0391	1.8600e-003	0.1717	1.3600e-003	0.1730	0.0455	1.2500e-003	0.0468		184.2758	184.2758	9.1000e-003		184.5033
Total	**0.1217**	**0.0859**	**1.0391**	**1.8600e-003**	**0.1717**	**1.3600e-003**	**0.1730**	**0.0455**	**1.2500e-003**	**0.0468**		**184.2758**	**184.2758**	**9.1000e-003**		**184.5033**

3.3 Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000		6,005.8653	6,005.8653	1.9424		6,054.4257
Total	**4.4501**	**50.1975**	**31.9583**	**0.0620**	**8.6733**	**2.1739**	**10.8472**	**3.5965**	**2.0000**	**5.5965**		**6,005.8653**	**6,005.8653**	**1.9424**		**6,054.4257**

3.3 Grading - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1352	0.0955	1.1546	2.0600e-003	0.1907	1.5100e-003	0.1922	0.0506	1.3900e-003	0.0520		204.7509	204.7509	0.0101		205.0037
Total	**0.1352**	**0.0955**	**1.1546**	**2.0600e-003**	**0.1907**	**1.5100e-003**	**0.1922**	**0.0506**	**1.3900e-003**	**0.0520**		**204.7509**	**204.7509**	**0.0101**		**205.0037**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.9515	0.0000	1.9515	0.8092	0.0000	0.8092			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0620		0.1015	0.1015		0.1015	0.1015	0.0000	6,005.8653	6,005.8653	1.9424		6,054.4257
Total	**1.0110**	**19.2707**	**36.7226**	**0.0620**	**1.9515**	**0.1015**	**2.0530**	**0.8092**	**0.1015**	**0.9108**	**0.0000**	**6,005.8653**	**6,005.8653**	**1.9424**		**6,054.4257**

3.3 Grading - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1352	0.0955	1.1546	2.0600e-003	0.1907	1.5100e-003	0.1922	0.0506	1.3900e-003	0.0520		204.7509	204.7509	0.0101		205.0037
Total	**0.1352**	**0.0955**	**1.1546**	**2.0600e-003**	**0.1907**	**1.5100e-003**	**0.1922**	**0.0506**	**1.3900e-003**	**0.0520**		**204.7509**	**204.7509**	**0.0101**		**205.0037**

3.3 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**8.6733**	**1.9853**	**10.6587**	**3.5965**	**1.8265**	**5.4230**		**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.3 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1247	0.0851	1.0450	2.0000e-003	0.1907	1.4500e-003	0.1922	0.0506	1.3300e-003	0.0519		198.3557	198.3557	9.0100e-003		198.5810
Total	**0.1247**	**0.0851**	**1.0450**	**2.0000e-003**	**0.1907**	**1.4500e-003**	**0.1922**	**0.0506**	**1.3300e-003**	**0.0519**		**198.3557**	**198.3557**	**9.0100e-003**		**198.5810**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.9515	0.0000	1.9515	0.8092	0.0000	0.8092			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0620		0.1015	0.1015		0.1015	0.1015	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**1.0110**	**19.2707**	**36.7226**	**0.0620**	**1.9515**	**0.1015**	**2.0530**	**0.8092**	**0.1015**	**0.9108**	**0.0000**	**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.3 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1247	0.0851	1.0450	2.0000e-003	0.1907	1.4500e-003	0.1922	0.0506	1.3300e-003	0.0519		198.3557	198.3557	9.0100e-003		198.5810
Total	**0.1247**	**0.0851**	**1.0450**	**2.0000e-003**	**0.1907**	**1.4500e-003**	**0.1922**	**0.0506**	**1.3300e-003**	**0.0519**		**198.3557**	**198.3557**	**9.0100e-003**		**198.5810**

3.4 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**		**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.4 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6330	20.0260	3.6268	0.0576	1.4439	0.0707	1.5146	0.4156	0.0677	0.4832		6,024.4714	6,024.4714	0.4628		6,036.0422
Worker	2.9876	2.0380	25.0288	0.0478	4.5681	0.0347	4.6027	1.2116	0.0320	1.2435		4,750.6187	4,750.6187	0.2158		4,756.0142
Total	**3.6206**	**22.0640**	**28.6555**	**0.1054**	**6.0120**	**0.1054**	**6.1173**	**1.6271**	**0.0996**	**1.7268**		**10,775.0901**	**10,775.0901**	**0.6787**		**10,792.0564**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0269		0.0846	0.0846		0.0846	0.0846	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**0.5335**	**10.9122**	**17.8738**	**0.0269**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.4 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6330	20.0260	3.6268	0.0576	1.4439	0.0707	1.5146	0.4156	0.0677	0.4832		6,024.4714	6,024.4714	0.4628		6,036.0422
Worker	2.9876	2.0380	25.0288	0.0478	4.5681	0.0347	4.6027	1.2116	0.0320	1.2435		4,750.6187	4,750.6187	0.2158		4,756.0142
Total	**3.6206**	**22.0640**	**28.6555**	**0.1054**	**6.0120**	**0.1054**	**6.1173**	**1.6271**	**0.0996**	**1.7268**		**10,775.0901**	**10,775.0901**	**0.6787**		**10,792.0564**

3.4 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.4 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5853	18.8302	3.3100	0.0571	1.4439	0.0614	1.5053	0.4156	0.0587	0.4743		5,975.7954	5,975.7954	0.4471		5,986.9721
Worker	2.7725	1.8270	22.7127	0.0461	4.5681	0.0333	4.6014	1.2116	0.0307	1.2423		4,585.7806	4,585.7806	0.1921		4,590.5837
Total	**3.3578**	**20.6572**	**26.0227**	**0.1033**	**6.0120**	**0.0947**	**6.1066**	**1.6271**	**0.0894**	**1.7166**		**10,561.5759**	**10,561.5759**	**0.6392**		**10,577.5558**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0269		0.0846	0.0846		0.0846	0.0846	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**0.5335**	**10.9122**	**17.8738**	**0.0269**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.4 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5853	18.8302	3.3100	0.0571	1.4439	0.0614	1.5053	0.4156	0.0587	0.4743		5,975.7954	5,975.7954	0.4471		5,986.9721
Worker	2.7725	1.8270	22.7127	0.0461	4.5681	0.0333	4.6014	1.2116	0.0307	1.2423		4,585.7806	4,585.7806	0.1921		4,590.5837
Total	**3.3578**	**20.6572**	**26.0227**	**0.1033**	**6.0120**	**0.0947**	**6.1066**	**1.6271**	**0.0894**	**1.7166**		**10,561.5759**	**10,561.5759**	**0.6392**		**10,577.5558**

3.4 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**

3.4 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4302	15.1401	2.7835	0.0562	1.4439	0.0254	1.4693	0.4156	0.0243	0.4399		5,877.3971	5,877.3971	0.3175		5,885.3336
Worker	2.5675	1.6321	20.4226	0.0444	4.5681	0.0319	4.6000	1.2116	0.0294	1.2410		4,417.6286	4,417.6286	0.1691		4,421.8561
Total	**2.9977**	**16.7722**	**23.2060**	**0.1006**	**6.0120**	**0.0573**	**6.0693**	**1.6272**	**0.0537**	**1.6809**		**10,295.0257**	**10,295.0257**	**0.4866**		**10,307.1898**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0269		0.0846	0.0846		0.0846	0.0846	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**0.5335**	**10.9122**	**17.8738**	**0.0269**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.4 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4302	15.1401	2.7835	0.0562	1.4439	0.0254	1.4693	0.4156	0.0243	0.4399		5,877.3971	5,877.3971	0.3175		5,885.3336
Worker	2.5675	1.6321	20.4226	0.0444	4.5681	0.0319	4.6000	1.2116	0.0294	1.2410		4,417.6286	4,417.6286	0.1691		4,421.8561
Total	**2.9977**	**16.7722**	**23.2060**	**0.1006**	**6.0120**	**0.0573**	**6.0693**	**1.6272**	**0.0537**	**1.6809**		**10,295.0257**	**10,295.0257**	**0.4866**		**10,307.1898**

3.4 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**

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4119	14.7973	2.6036	0.0558	1.4439	0.0239	1.4678	0.4156	0.0228	0.4384		5,836.6729	5,836.6729	0.3159		5,844.5692
Worker	2.3883	1.4641	18.6282	0.0427	4.5681	0.0306	4.5987	1.2116	0.0282	1.2398		4,248.9294	4,248.9294	0.1499		4,252.6762
Total	**2.8001**	**16.2614**	**21.2317**	**0.0985**	**6.0120**	**0.0545**	**6.0665**	**1.6272**	**0.0510**	**1.6782**		**10,085.6023**	**10,085.6023**	**0.4657**		**10,097.2454**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**0.5335**	**10.9122**	**17.8738**	**0.0270**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.4119	14.7973	2.6036	0.0558	1.4439	0.0239	1.4678	0.4156	0.0228	0.4384		5,836.6729	5,836.6729	0.3159		5,844.5692
Worker	2.3883	1.4641	18.6282	0.0427	4.5681	0.0306	4.5987	1.2116	0.0282	1.2398		4,248.9294	4,248.9294	0.1499		4,252.6762
Total	**2.8001**	**16.2614**	**21.2317**	**0.0985**	**6.0120**	**0.0545**	**6.0665**	**1.6272**	**0.0510**	**1.6782**		**10,085.6023**	**10,085.6023**	**0.4657**		**10,097.2454**

3.4 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**

3.4 Building Construction - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3974	14.4910	2.4692	0.0554	1.4439	0.0225	1.4665	0.4156	0.0215	0.4371		5,799.2348	5,799.2348	0.3106		5,807.0001
Worker	2.2389	1.3214	17.0925	0.0410	4.5681	0.0297	4.5978	1.2116	0.0274	1.2390		4,081.4327	4,081.4327	0.1342		4,084.7874
Total	**2.6363**	**15.8124**	**19.5616**	**0.0964**	**6.0120**	**0.0523**	**6.0643**	**1.6272**	**0.0489**	**1.6761**		**9,880.6675**	**9,880.6675**	**0.4448**		**9,891.7875**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**0.5335**	**10.9122**	**17.8738**	**0.0270**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

3.4 Building Construction - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3974	14.4910	2.4692	0.0554	1.4439	0.0225	1.4665	0.4156	0.0215	0.4371		5,799.2348	5,799.2348	0.3106		5,807.0001
Worker	2.2389	1.3214	17.0925	0.0410	4.5681	0.0297	4.5978	1.2116	0.0274	1.2390		4,081.4327	4,081.4327	0.1342		4,084.7874
Total	**2.6363**	**15.8124**	**19.5616**	**0.0964**	**6.0120**	**0.0523**	**6.0643**	**1.6272**	**0.0489**	**1.6761**		**9,880.6675**	**9,880.6675**	**0.4448**		**9,891.7875**

3.4 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**

3.4 Building Construction - 2026

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3839	14.2102	2.3521	0.0551	1.4439	0.0213	1.4653	0.4156	0.0204	0.4360		5,764.0529	5,764.0529	0.3063		5,771.7100
Worker	2.1053	1.1978	15.7533	0.0395	4.5681	0.0286	4.5966	1.2116	0.0263	1.2379		3,929.6553	3,929.6553	0.1206		3,932.6693
Total	**2.4892**	**15.4080**	**18.1054**	**0.0946**	**6.0120**	**0.0499**	**6.0619**	**1.6272**	**0.0467**	**1.6739**		**9,693.7082**	**9,693.7082**	**0.4268**		**9,704.3793**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**0.5335**	**10.9122**	**17.8738**	**0.0270**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

3.4 Building Construction - 2026

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3839	14.2102	2.3521	0.0551	1.4439	0.0213	1.4653	0.4156	0.0204	0.4360		5,764.0529	5,764.0529	0.3063		5,771.7100
Worker	2.1053	1.1978	15.7533	0.0395	4.5681	0.0286	4.5966	1.2116	0.0263	1.2379		3,929.6553	3,929.6553	0.1206		3,932.6693
Total	**2.4892**	**15.4080**	**18.1054**	**0.0946**	**6.0120**	**0.0499**	**6.0619**	**1.6272**	**0.0467**	**1.6739**		**9,693.7082**	**9,693.7082**	**0.4268**		**9,704.3793**

3.4 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**

3.4 Building Construction - 2027

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3721	13.9586	2.2497	0.0548	1.4439	0.0203	1.4642	0.4156	0.0194	0.4350		5,732.8592	5,732.8592	0.3001		5,740.3627
Worker	1.9725	1.0835	14.4987	0.0381	4.5681	0.0271	4.5951	1.2116	0.0249	1.2365		3,791.6367	3,791.6367	0.1078		3,794.3308
Total	**2.3446**	**15.0421**	**16.7484**	**0.0929**	**6.0120**	**0.0474**	**6.0594**	**1.6272**	**0.0443**	**1.6715**		**9,524.4959**	**9,524.4959**	**0.4079**		**9,534.6935**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**0.5335**	**10.9122**	**17.8738**	**0.0270**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

3.4 Building Construction - 2027

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3721	13.9586	2.2497	0.0548	1.4439	0.0203	1.4642	0.4156	0.0194	0.4350		5,732.8592	5,732.8592	0.3001		5,740.3627
Worker	1.9725	1.0835	14.4987	0.0381	4.5681	0.0271	4.5951	1.2116	0.0249	1.2365		3,791.6367	3,791.6367	0.1078		3,794.3308
Total	**2.3446**	**15.0421**	**16.7484**	**0.0929**	**6.0120**	**0.0474**	**6.0594**	**1.6272**	**0.0443**	**1.6715**		**9,524.4959**	**9,524.4959**	**0.4079**		**9,534.6935**

3.4 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**

3.4 Building Construction - 2028

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3631	13.7570	2.1781	0.0545	1.4439	0.0195	1.4634	0.4156	0.0186	0.4342		5,707.9587	5,707.9587	0.2948		5,715.3277
Worker	1.8331	0.9799	13.4149	0.0368	4.5681	0.0252	4.5932	1.2116	0.0232	1.2347		3,667.5225	3,667.5225	0.0971		3,669.9510
Total	**2.1962**	**14.7369**	**15.5930**	**0.0914**	**6.0120**	**0.0446**	**6.0566**	**1.6272**	**0.0418**	**1.6689**		**9,375.4813**	**9,375.4813**	**0.3919**		**9,385.2787**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**0.5335**	**10.9122**	**17.8738**	**0.0270**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

3.4 Building Construction - 2028

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3631	13.7570	2.1781	0.0545	1.4439	0.0195	1.4634	0.4156	0.0186	0.4342		5,707.9587	5,707.9587	0.2948		5,715.3277
Worker	1.8331	0.9799	13.4149	0.0368	4.5681	0.0252	4.5932	1.2116	0.0232	1.2347		3,667.5225	3,667.5225	0.0971		3,669.9510
Total	**2.1962**	**14.7369**	**15.5930**	**0.0914**	**6.0120**	**0.0446**	**6.0566**	**1.6272**	**0.0418**	**1.6689**		**9,375.4813**	**9,375.4813**	**0.3919**		**9,385.2787**

3.4 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**

3.4 Building Construction - 2029

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3550	13.5773	2.1126	0.0543	1.4439	0.0187	1.4626	0.4156	0.0179	0.4335		5,686.4622	5,686.4622	0.2899		5,693.7092
Worker	1.6815	0.8813	12.3458	0.0357	4.5681	0.0234	4.5915	1.2116	0.0215	1.2331		3,556.0720	3,556.0720	0.0865		3,558.2354
Total	**2.0364**	**14.4586**	**14.4584**	**0.0900**	**6.0120**	**0.0421**	**6.0541**	**1.6272**	**0.0394**	**1.6666**		**9,242.5342**	**9,242.5342**	**0.3764**		**9,251.9446**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**0.5335**	**10.9122**	**17.8738**	**0.0270**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

3.4 Building Construction - 2029

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3550	13.5773	2.1126	0.0543	1.4439	0.0187	1.4626	0.4156	0.0179	0.4335		5,686.4622	5,686.4622	0.2899		5,693.7092
Worker	1.6815	0.8813	12.3458	0.0357	4.5681	0.0234	4.5915	1.2116	0.0215	1.2331		3,556.0720	3,556.0720	0.0865		3,558.2354
Total	**2.0364**	**14.4586**	**14.4584**	**0.0900**	**6.0120**	**0.0421**	**6.0541**	**1.6272**	**0.0394**	**1.6666**		**9,242.5342**	**9,242.5342**	**0.3764**		**9,251.9446**

3.4 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**

3.4 Building Construction - 2030

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3481	13.4236	2.0585	0.0542	1.4439	0.0180	1.4619	0.4156	0.0172	0.4328		5,669.2681	5,669.2681	0.2848		5,676.3891
Worker	1.5266	0.7874	11.3675	0.0347	4.5681	0.0218	4.5898	1.2116	0.0200	1.2316		3,456.5633	3,456.5633	0.0769		3,458.4862
Total	**1.8747**	**14.2110**	**13.4260**	**0.0888**	**6.0120**	**0.0398**	**6.0518**	**1.6272**	**0.0373**	**1.6644**		**9,125.8314**	**9,125.8314**	**0.3618**		**9,134.8752**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0310		0.0846	0.0846		0.0846	0.0846	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**0.5335**	**10.9122**	**17.8738**	**0.0310**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

3.4 Building Construction - 2030

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3481	13.4236	2.0585	0.0542	1.4439	0.0180	1.4619	0.4156	0.0172	0.4328		5,669.2681	5,669.2681	0.2848		5,676.3891
Worker	1.5266	0.7874	11.3675	0.0347	4.5681	0.0218	4.5898	1.2116	0.0200	1.2316		3,456.5633	3,456.5633	0.0769		3,458.4862
Total	**1.8747**	**14.2110**	**13.4260**	**0.0888**	**6.0120**	**0.0398**	**6.0518**	**1.6272**	**0.0373**	**1.6644**		**9,125.8314**	**9,125.8314**	**0.3618**		**9,134.8752**

3.4 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**

3.4 Building Construction - 2031

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3425	13.2897	2.0167	0.0540	1.4439	0.0174	1.4614	0.4156	0.0167	0.4323		5,655.6592	5,655.6592	0.2795		5,662.6476
Worker	1.3559	0.6934	10.3901	0.0338	4.5681	0.0202	4.5882	1.2116	0.0186	1.2301		3,368.1637	3,368.1637	0.0674		3,369.8485
Total	**1.6984**	**13.9830**	**12.4067**	**0.0878**	**6.0120**	**0.0376**	**6.0496**	**1.6272**	**0.0352**	**1.6624**		**9,023.8229**	**9,023.8229**	**0.3469**		**9,032.4961**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0310		0.0846	0.0846		0.0846	0.0846	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**0.5335**	**10.9122**	**17.8738**	**0.0310**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

3.4 Building Construction - 2031

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3425	13.2897	2.0167	0.0540	1.4439	0.0174	1.4614	0.4156	0.0167	0.4323		5,655.6592	5,655.6592	0.2795		5,662.6476
Worker	1.3559	0.6934	10.3901	0.0338	4.5681	0.0202	4.5882	1.2116	0.0186	1.2301		3,368.1637	3,368.1637	0.0674		3,369.8485
Total	**1.6984**	**13.9830**	**12.4067**	**0.0878**	**6.0120**	**0.0376**	**6.0496**	**1.6272**	**0.0352**	**1.6624**		**9,023.8229**	**9,023.8229**	**0.3469**		**9,032.4961**

3.4 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**

3.4 Building Construction - 2032

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3380	13.1720	1.9855	0.0539	1.4439	0.0169	1.4608	0.4156	0.0162	0.4318		5,646.2838	5,646.2838	0.2755		5,653.1712
Worker	1.2280	0.6222	9.6309	0.0330	4.5681	0.0188	4.5868	1.2116	0.0173	1.2288		3,291.1267	3,291.1267	0.0601		3,292.6293
Total	**1.5660**	**13.7942**	**11.6163**	**0.0869**	**6.0120**	**0.0357**	**6.0477**	**1.6272**	**0.0334**	**1.6606**		**8,937.4105**	**8,937.4105**	**0.3356**		**8,945.8005**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0310		0.0846	0.0846		0.0846	0.0846	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**0.5335**	**10.9122**	**17.8738**	**0.0310**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

3.4 Building Construction - 2032

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3380	13.1720	1.9855	0.0539	1.4439	0.0169	1.4608	0.4156	0.0162	0.4318		5,646.2838	5,646.2838	0.2755		5,653.1712
Worker	1.2280	0.6222	9.6309	0.0330	4.5681	0.0188	4.5868	1.2116	0.0173	1.2288		3,291.1267	3,291.1267	0.0601		3,292.6293
Total	**1.5660**	**13.7942**	**11.6163**	**0.0869**	**6.0120**	**0.0357**	**6.0477**	**1.6272**	**0.0334**	**1.6606**		**8,937.4105**	**8,937.4105**	**0.3356**		**8,945.8005**

3.4 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**

3.4 Building Construction - 2033

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3341	13.0680	1.9585	0.0539	1.4439	0.0164	1.4604	0.4156	0.0157	0.4313		5,639.4174	5,639.4174	0.2726		5,646.2333
Worker	1.1088	0.5582	8.9519	0.0323	4.5681	0.0174	4.5855	1.2116	0.0160	1.2276		3,223.6887	3,223.6887	0.0536		3,225.0291
Total	**1.4429**	**13.6262**	**10.9104**	**0.0862**	**6.0120**	**0.0339**	**6.0459**	**1.6272**	**0.0317**	**1.6589**		**8,863.1061**	**8,863.1061**	**0.3263**		**8,871.2624**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0310		0.0846	0.0846		0.0846	0.0846	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**0.5335**	**10.9122**	**17.8738**	**0.0310**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

3.4 Building Construction - 2033

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3341	13.0680	1.9585	0.0539	1.4439	0.0164	1.4604	0.4156	0.0157	0.4313		5,639.4174	5,639.4174	0.2726		5,646.2333
Worker	1.1088	0.5582	8.9519	0.0323	4.5681	0.0174	4.5855	1.2116	0.0160	1.2276		3,223.6887	3,223.6887	0.0536		3,225.0291
Total	**1.4429**	**13.6262**	**10.9104**	**0.0862**	**6.0120**	**0.0339**	**6.0459**	**1.6272**	**0.0317**	**1.6589**		**8,863.1061**	**8,863.1061**	**0.3263**		**8,871.2624**

3.4 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**

3.4 Building Construction - 2034

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3309	12.9778	1.9362	0.0538	1.4439	0.0160	1.4599	0.4156	0.0153	0.4309		5,634.6262	5,634.6262	0.2698		5,641.3701
Worker	1.0065	0.5058	8.3231	0.0317	4.5681	0.0162	4.5843	1.2116	0.0149	1.2265		3,164.9425	3,164.9425	0.0477		3,166.1340
Total	**1.3374**	**13.4836**	**10.2593**	**0.0856**	**6.0120**	**0.0322**	**6.0442**	**1.6272**	**0.0302**	**1.6574**		**8,799.5687**	**8,799.5687**	**0.3174**		**8,807.5041**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0310		0.0846	0.0846		0.0846	0.0846	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	**0.5335**	**10.9122**	**17.8738**	**0.0310**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1162**		**2,900.4529**

3.4 Building Construction - 2034

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3309	12.9778	1.9362	0.0538	1.4439	0.0160	1.4599	0.4156	0.0153	0.4309		5,634.6262	5,634.6262	0.2698		5,641.3701
Worker	1.0065	0.5058	8.3231	0.0317	4.5681	0.0162	4.5843	1.2116	0.0149	1.2265		3,164.9425	3,164.9425	0.0477		3,166.1340
Total	**1.3374**	**13.4836**	**10.2593**	**0.0856**	**6.0120**	**0.0322**	**6.0442**	**1.6272**	**0.0302**	**1.6574**		**8,799.5687**	**8,799.5687**	**0.3174**		**8,807.5041**

3.4 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**

3.4 Building Construction - 2035

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0310		0.0846	0.0846		0.0846	0.0846	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**0.5335**	**10.9122**	**17.8738**	**0.0310**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

3.4 Building Construction - 2035

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

3.4 Building Construction - 2036

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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**

3.4 Building Construction - 2036

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0310		0.0846	0.0846		0.0846	0.0846	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**0.5335**	**10.9122**	**17.8738**	**0.0310**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

3.4 Building Construction - 2036

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

3.4 Building Construction - 2037

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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**

3.4 Building Construction - 2037

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0310		0.0846	0.0846		0.0846	0.0846	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**0.5335**	**10.9122**	**17.8738**	**0.0310**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

3.4 Building Construction - 2037

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

3.4 Building Construction - 2038

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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**

3.4 Building Construction - 2038

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0310		0.0846	0.0846		0.0846	0.0846	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**0.5335**	**10.9122**	**17.8738**	**0.0310**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

3.4 Building Construction - 2038

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

3.4 Building Construction - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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**

3.4 Building Construction - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0310		0.0846	0.0846		0.0846	0.0846	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	**0.5335**	**10.9122**	**17.8738**	**0.0310**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,897.5468**	**2,897.5468**	**0.1079**		**2,900.2448**

3.4 Building Construction - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.3279	12.9016	1.9167	0.0538	1.4439	0.0157	1.4596	0.4156	0.0150	0.4306		5,631.0173	5,631.0173	0.2674		5,637.7011
Worker	0.9247	0.4671	7.8189	0.0312	4.5681	0.0151	4.5832	1.2116	0.0139	1.2255		3,114.8285	3,114.8285	0.0430		3,115.9022
Total	**1.2526**	**13.3687**	**9.7356**	**0.0850**	**6.0120**	**0.0308**	**6.0428**	**1.6272**	**0.0289**	**1.6560**		**8,745.8459**	**8,745.8459**	**0.3103**		**8,753.6033**

3.5 Paving - 2039

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**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**

3.5 Paving - 2039

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0290	0.0146	0.2449	9.8000e-004	0.1431	4.7000e-004	0.1435	0.0379	4.4000e-004	0.0384		97.5416	97.5416	1.3400e-003		97.5752
Total	**0.0290**	**0.0146**	**0.2449**	**9.8000e-004**	**0.1431**	**4.7000e-004**	**0.1435**	**0.0379**	**4.4000e-004**	**0.0384**		**97.5416**	**97.5416**	**1.3400e-003**		**97.5752**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0281		0.0374	0.0374		0.0374	0.0374	0.0000	2,656.5168	2,656.5168	0.1022		2,659.0726
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0281**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,656.5168**	**2,656.5168**	**0.1022**		**2,659.0726**

3.5 Paving - 2039

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0290	0.0146	0.2449	9.8000e-004	0.1431	4.7000e-004	0.1435	0.0379	4.4000e-004	0.0384		97.5416	97.5416	1.3400e-003		97.5752
Total	**0.0290**	**0.0146**	**0.2449**	**9.8000e-004**	**0.1431**	**4.7000e-004**	**0.1435**	**0.0379**	**4.4000e-004**	**0.0384**		**97.5416**	**97.5416**	**1.3400e-003**		**97.5752**

3.5 Paving - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.0112**	**3.6566**	**15.8177**	**0.0281**		**0.1164**	**0.1164**		**0.1164**	**0.1164**		**2,656.5168**	**2,656.5168**	**0.0893**		**2,658.7489**

3.5 Paving - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0204	0.0109	0.1984	9.3000e-004	0.1431	3.6000e-004	0.1434	0.0379	3.3000e-004	0.0383		92.7145	92.7145	9.2000e-004		92.7376
Total	**0.0204**	**0.0109**	**0.1984**	**9.3000e-004**	**0.1431**	**3.6000e-004**	**0.1434**	**0.0379**	**3.3000e-004**	**0.0383**		**92.7145**	**92.7145**	**9.2000e-004**		**92.7376**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0281		0.0374	0.0374		0.0374	0.0374	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3341**	**10.0395**	**17.2957**	**0.0281**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,656.5168**	**2,656.5168**	**0.0893**		**2,658.7489**

3.5 Paving - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0204	0.0109	0.1984	9.3000e-004	0.1431	3.6000e-004	0.1434	0.0379	3.3000e-004	0.0383		92.7145	92.7145	9.2000e-004		92.7376
Total	**0.0204**	**0.0109**	**0.1984**	**9.3000e-004**	**0.1431**	**3.6000e-004**	**0.1434**	**0.0379**	**3.3000e-004**	**0.0383**		**92.7145**	**92.7145**	**9.2000e-004**		**92.7376**

3.6 Architectural Coating - 2040

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	26.6754					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	**26.7903**	**0.7270**	**1.7923**	**2.9700e-003**		**7.4300e-003**	**7.4300e-003**		**7.4300e-003**	**7.4300e-003**		**281.4481**	**281.4481**	**9.9000e-003**		**281.6957**

3.6 Architectural Coating - 2040

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1304	0.0699	1.2698	5.9400e-003	0.9155	2.2800e-003	0.9178	0.2428	2.1000e-003	0.2449		593.3730	593.3730	5.8900e-003		593.5203
Total	**0.1304**	**0.0699**	**1.2698**	**5.9400e-003**	**0.9155**	**2.2800e-003**	**0.9178**	**0.2428**	**2.1000e-003**	**0.2449**		**593.3730**	**593.3730**	**5.8900e-003**		**593.5203**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	26.6754					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	**26.7299**	**1.0598**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**9.9000e-003**		**281.6957**

3.6 Architectural Coating - 2040

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1304	0.0699	1.2698	5.9400e-003	0.9155	2.2800e-003	0.9178	0.2428	2.1000e-003	0.2449		593.3730	593.3730	5.8900e-003		593.5203
Total	**0.1304**	**0.0699**	**1.2698**	**5.9400e-003**	**0.9155**	**2.2800e-003**	**0.9178**	**0.2428**	**2.1000e-003**	**0.2449**		**593.3730**	**593.3730**	**5.8900e-003**		**593.5203**

3.6 Architectural Coating - 2041

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	26.6754					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	**26.7903**	**0.7270**	**1.7923**	**2.9700e-003**		**7.4300e-003**	**7.4300e-003**		**7.4300e-003**	**7.4300e-003**		**281.4481**	**281.4481**	**9.9000e-003**		**281.6957**

3.6 Architectural Coating - 2041

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1304	0.0699	1.2698	5.9400e-003	0.9155	2.2800e-003	0.9178	0.2428	2.1000e-003	0.2449		593.3730	593.3730	5.8900e-003		593.5203
Total	**0.1304**	**0.0699**	**1.2698**	**5.9400e-003**	**0.9155**	**2.2800e-003**	**0.9178**	**0.2428**	**2.1000e-003**	**0.2449**		**593.3730**	**593.3730**	**5.8900e-003**		**593.5203**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	26.6754					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	**26.7299**	**1.0598**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**9.9000e-003**		**281.6957**

3.6 Architectural Coating - 2041

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1304	0.0699	1.2698	5.9400e-003	0.9155	2.2800e-003	0.9178	0.2428	2.1000e-003	0.2449		593.3730	593.3730	5.8900e-003		593.5203
Total	**0.1304**	**0.0699**	**1.2698**	**5.9400e-003**	**0.9155**	**2.2800e-003**	**0.9178**	**0.2428**	**2.1000e-003**	**0.2449**		**593.3730**	**593.3730**	**5.8900e-003**		**593.5203**

3.6 Architectural Coating - 2042

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	26.6754					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
Total	**26.7903**	**0.7270**	**1.7923**	**2.9700e-003**		**7.4300e-003**	**7.4300e-003**		**7.4300e-003**	**7.4300e-003**		**281.4481**	**281.4481**	**9.9000e-003**		**281.6957**

3.6 Architectural Coating - 2042

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1304	0.0699	1.2698	5.9400e-003	0.9155	2.2800e-003	0.9178	0.2428	2.1000e-003	0.2449		593.3730	593.3730	5.8900e-003		593.5203
Total	**0.1304**	**0.0699**	**1.2698**	**5.9400e-003**	**0.9155**	**2.2800e-003**	**0.9178**	**0.2428**	**2.1000e-003**	**0.2449**		**593.3730**	**593.3730**	**5.8900e-003**		**593.5203**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	26.6754					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
Total	**26.7299**	**1.0598**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**9.9000e-003**		**281.6957**

3.6 Architectural Coating - 2042

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1304	0.0699	1.2698	5.9400e-003	0.9155	2.2800e-003	0.9178	0.2428	2.1000e-003	0.2449		593.3730	593.3730	5.8900e-003		593.5203
Total	**0.1304**	**0.0699**	**1.2698**	**5.9400e-003**	**0.9155**	**2.2800e-003**	**0.9178**	**0.2428**	**2.1000e-003**	**0.2449**		**593.3730**	**593.3730**	**5.8900e-003**		**593.5203**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	16.0458	30.9256	145.3302	0.5347	70.6209	0.3099	70.9308	18.8051	0.2877	19.0928		53,761.0652	53,761.0652	1.4166		53,796.4795
Unmitigated	16.0458	30.9256	145.3302	0.5347	70.6209	0.3099	70.9308	18.8051	0.2877	19.0928		53,761.0652	53,761.0652	1.4166		53,796.4795

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	1,158.01	1,251.21	1060.15	3,186,535	3,186,535
Medical Office Building	6,888.00	1,707.65	295.20	10,189,680	10,189,680
Single Family Housing	4,146.72	4,312.98	3750.63	11,326,833	11,326,833
Strip Mall	3,115.89	2,972.51	1444.52	4,399,317	4,399,317
Total	15,308.62	10,244.35	6,550.50	29,102,366	29,102,366

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 Low Rise	10.51	7.30	7.50	35.00	17.00	48.00	86	11	3
Medical Office Building	9.50	7.30	7.30	29.60	51.40	19.00	60	30	10
Single Family Housing	10.51	7.30	7.50	35.00	17.00	48.00	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Medical Office Building	0.593716	0.028721	0.183567	0.094230	0.011707	0.003426	0.018589	0.001200	0.001370	0.000987	0.004303	0.001016	0.000487
Apartments Low Rise	0.650398	0.028721	0.183567	0.094230	0.011707	0.003426	0.018589	0.001200	0.001370	0.000987	0.004303	0.001016	0.000487
Single Family Housing	0.650398	0.028721	0.183567	0.094230	0.011707	0.003426	0.018589	0.001200	0.001370	0.000987	0.004303	0.001016	0.000487
Strip Mall	0.593716	0.028721	0.183567	0.094230	0.011707	0.003426	0.018589	0.001200	0.001370	0.000987	0.004303	0.001016	0.000487

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.5852	5.0605	2.5682	0.0319		0.4043	0.4043		0.4043	0.4043		6,383.4996	6,383.4996	0.1224	0.1170	6,421.4336
NaturalGas Unmitigated	0.5852	5.0605	2.5682	0.0319		0.4043	0.4043		0.4043	0.4043		6,383.4996	6,383.4996	0.1224	0.1170	6,421.4336

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	9024.1	0.0973	0.8316	0.3539	5.3100e-003		0.0672	0.0672		0.0672	0.0672		1,061.6584	1,061.6584	0.0204	0.0195	1,067.9673
Medical Office Building	7329.45	0.0790	0.7186	0.6036	4.3100e-003		0.0546	0.0546		0.0546	0.0546		862.2885	862.2885	0.0165	0.0158	867.4126
Single Family Housing	35027.5	0.3778	3.2280	1.3736	0.0206		0.2610	0.2610		0.2610	0.2610		4,120.8775	4,120.8775	0.0790	0.0756	4,145.3658
Strip Mall	2878.74	0.0311	0.2822	0.2371	1.6900e-003		0.0215	0.0215		0.0215	0.0215		338.6753	338.6753	6.4900e-003	6.2100e-003	340.6878
Total		**0.5852**	**5.0605**	**2.5682**	**0.0319**		**0.4043**	**0.4043**		**0.4043**	**0.4043**		**6,383.4996**	**6,383.4996**	**0.1224**	**0.1170**	**6,421.4336**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	9.0241	0.0973	0.8316	0.3539	5.3100e-003		0.0672	0.0672		0.0672	0.0672		1,061.6584	1,061.6584	0.0204	0.0195	1,067.9673
Medical Office Building	7.32945	0.0790	0.7186	0.6036	4.3100e-003		0.0546	0.0546		0.0546	0.0546		862.2885	862.2885	0.0165	0.0158	867.4126
Single Family Housing	35.0275	0.3778	3.2280	1.3736	0.0206		0.2610	0.2610		0.2610	0.2610		4,120.8775	4,120.8775	0.0790	0.0756	4,145.3658
Strip Mall	2.87874	0.0311	0.2822	0.2371	1.6900e-003		0.0215	0.0215		0.0215	0.0215		338.6753	338.6753	6.4900e-003	6.2100e-003	340.6878
Total		**0.5852**	**5.0605**	**2.5682**	**0.0319**		**0.4043**	**0.4043**		**0.4043**	**0.4043**		**6,383.4996**	**6,383.4996**	**0.1224**	**0.1170**	**6,421.4336**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	35.0810	3.1608	60.4408	0.0190		0.5306	0.5306		0.5306	0.5306	0.0000	3,267.8388	3,267.8388	0.1629	0.0579	3,289.1769
Unmitigated	35.0810	3.1608	60.4408	0.0190		0.5306	0.5306		0.5306	0.5306	0.0000	3,267.8388	3,267.8388	0.1629	0.0579	3,289.1769

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	7.2353					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	25.7785					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.2897	2.4757	1.0535	0.0158		0.2002	0.2002		0.2002	0.2002	0.0000	3,160.5177	3,160.5177	0.0606	0.0579	3,179.2990
Landscaping	1.7776	0.6851	59.3873	3.1500e-003		0.3304	0.3304		0.3304	0.3304		107.3211	107.3211	0.1023		109.8779
Total	**35.0810**	**3.1608**	**60.4408**	**0.0190**		**0.5306**	**0.5306**		**0.5306**	**0.5306**	**0.0000**	**3,267.8388**	**3,267.8388**	**0.1629**	**0.0579**	**3,289.1769**

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	7.2353					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	25.7785					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.2897	2.4757	1.0535	0.0158		0.2002	0.2002		0.2002	0.2002	0.0000	3,160.5177	3,160.5177	0.0606	0.0579	3,179.2990
Landscaping	1.7776	0.6851	59.3873	3.1500e-003		0.3304	0.3304		0.3304	0.3304		107.3211	107.3211	0.1023		109.8779
Total	**35.0810**	**3.1608**	**60.4408**	**0.0190**		**0.5306**	**0.5306**		**0.5306**	**0.5306**	**0.0000**	**3,267.8388**	**3,267.8388**	**0.1629**	**0.0579**	**3,289.1769**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

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