

11.5 | AIR QUALITY AND GHG MODELING RESULTS

**Coachella General Plan Update
Riverside-Salton Sea County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
General Office Building	4068.98	1000sqft
General Light Industry	5833.08	1000sqft
Apartments Mid Rise	21056	Dwelling Unit
Single Family Housing	13239	Dwelling Unit
Regional Shopping Center	9791.98	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Utility Company	Southern California Edison
Climate Zone	15	Precipitation Freq (Days)	28		

1.3 User Entered Comments

Project Characteristics -
 Land Use - Consistent with Table 1 in Section 3.0, Project, in Draft EIR
 Construction Phase - Buildout through the year 2035

Grading - Total acres for buildout through 2035

Construction Off-road Equipment Mitigation -

Energy Mitigation - Table 22: Climate Ready Development Standards

Mobile Land Use Mitigation -

Area Mitigation -

Water Mitigation -

Mobile Commute Mitigation -

Waste Mitigation -

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					
2014	1.13	8.87	5.51	0.01	1.11	0.43	1.54	0.60	0.43	1.03	0.00	919.55	919.55	0.09	0.00	921.48
2015	1.34	10.47	6.28	0.01	4.87	0.48	5.35	1.41	0.48	1.90	0.00	1,232.48	1,232.48	0.11	0.00	1,234.76
2016	14.95	82.63	136.41	0.38	36.74	3.31	40.05	2.36	3.31	5.68	0.00	33,705.91	33,705.91	1.17	0.00	33,730.43
2017	22.92	123.89	212.26	0.65	56.41	4.99	61.40	2.64	4.99	7.64	0.00	55,971.32	55,971.32	1.79	0.00	56,008.86
2018	21.48	115.35	198.11	0.65	56.62	4.71	61.33	0.94	4.36	5.29	0.00	55,480.90	55,480.90	1.67	0.00	55,515.90
2019	20.25	107.66	185.72	0.65	56.62	4.45	61.07	0.94	4.12	5.05	0.00	54,832.72	54,832.72	1.56	0.00	54,865.55
2020	19.27	101.39	175.32	0.65	56.84	4.24	61.08	0.94	3.92	4.86	0.00	54,444.33	54,444.33	1.48	0.00	54,475.39
2021	18.43	94.91	166.82	0.65	56.62	4.06	60.68	0.94	3.75	4.69	0.00	53,992.97	53,992.97	1.42	0.00	54,022.71

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	17.58	89.91	157.73	0.65	56.41	3.89	60.30	0.93	3.59	4.53	0.00	53,294.58	53,294.58	1.34	0.00	53,322.66
2023	16.88	86.04	150.21	0.65	56.41	3.78	60.18	0.93	3.49	4.42	0.00	52,844.73	52,844.73	1.28	0.00	52,871.56
2024	16.55	83.24	146.87	0.66	56.84	3.77	60.61	0.94	3.49	4.43	0.00	53,529.30	53,529.30	1.28	0.00	53,556.16
2025	15.93	80.11	140.65	0.66	56.62	3.67	60.29	0.94	3.39	4.33	0.00	52,948.40	52,948.40	1.22	0.00	52,973.94
2026	15.93	80.11	140.65	0.66	56.62	3.67	60.29	0.94	3.39	4.33	0.00	52,948.40	52,948.40	1.22	0.00	52,973.94
2027	15.93	80.11	140.65	0.66	56.62	3.67	60.29	0.94	3.39	4.33	0.00	52,948.40	52,948.40	1.22	0.00	52,973.94
2028	15.87	79.81	140.11	0.66	56.41	3.65	60.06	0.93	3.38	4.31	0.00	52,745.53	52,745.53	1.21	0.00	52,770.97
2029	15.93	80.11	140.65	0.66	56.62	3.67	60.29	0.94	3.39	4.33	0.00	52,948.40	52,948.40	1.22	0.00	52,973.94
2030	13.85	71.36	121.55	0.66	56.62	3.41	60.03	0.94	3.15	4.09	0.00	51,637.41	51,637.41	1.06	0.00	51,659.58
2031	13.85	71.36	121.55	0.66	56.62	3.41	60.03	0.94	3.15	4.09	0.00	51,637.41	51,637.41	1.06	0.00	51,659.58
2032	12.50	64.41	109.71	0.60	50.99	3.07	54.06	0.84	2.84	3.69	0.00	46,530.82	46,530.82	0.95	0.00	46,550.83
2033	142.17	1.45	5.95	0.02	2.53	0.14	2.67	0.04	0.13	0.17	0.00	1,737.89	1,737.89	0.06	0.00	1,739.09
2034	550.98	1.25	15.79	0.08	9.75	0.34	10.09	0.14	0.32	0.46	0.00	5,707.40	5,707.40	0.16	0.00	5,710.84
2035	239.38	0.46	6.22	0.04	4.24	0.15	4.39	0.06	0.14	0.21	0.00	2,463.59	2,463.59	0.07	0.00	2,464.99
Total	1,223.10	1,514.90	2,624.72	10.97	959.13	66.96	1,026.08	21.22	62.60	83.86	0.00	894,502.44	894,502.44	22.64	0.00	894,977.10

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					
2014	0.26	0.53	4.94	0.01	0.45	0.03	0.48	0.23	0.03	0.26	0.00	919.55	919.55	0.09	0.00	921.48
2015	0.35	0.71	6.37	0.01	1.92	0.04	1.96	0.55	0.04	0.59	0.00	1,232.48	1,232.48	0.11	0.00	1,234.76
2016	14.34	77.01	136.75	0.38	34.45	3.03	37.48	1.86	3.03	4.90	0.00	33,705.91	33,705.91	1.17	0.00	33,730.43
2017	22.60	121.17	212.49	0.65	56.41	4.83	61.23	2.64	4.83	7.47	0.00	55,971.32	55,971.32	1.79	0.00	56,008.86
2018	21.20	112.92	198.35	0.65	56.62	4.57	61.19	0.94	4.21	5.15	0.00	55,480.90	55,480.90	1.67	0.00	55,515.90
2019	20.01	105.49	185.99	0.65	56.62	4.33	60.95	0.94	4.00	4.93	0.00	54,832.72	54,832.72	1.56	0.00	54,865.55
2020	19.07	99.46	175.60	0.65	56.84	4.13	60.97	0.94	3.82	4.76	0.00	54,444.33	54,444.33	1.48	0.00	54,475.39
2021	18.26	93.22	167.11	0.65	56.62	3.98	60.60	0.94	3.67	4.61	0.00	53,992.97	53,992.97	1.42	0.00	54,022.71
2022	17.43	88.43	158.03	0.65	56.41	3.83	60.23	0.93	3.53	4.46	0.00	53,294.58	53,294.58	1.34	0.00	53,322.66
2023	16.75	84.73	150.53	0.65	56.41	3.72	60.13	0.93	3.43	4.37	0.00	52,844.73	52,844.73	1.28	0.00	52,871.56
2024	16.43	82.07	147.19	0.66	56.84	3.73	60.57	0.94	3.44	4.38	0.00	53,529.30	53,529.30	1.28	0.00	53,556.16
2025	15.82	79.08	140.97	0.66	56.62	3.63	60.26	0.94	3.36	4.29	0.00	52,948.40	52,948.40	1.22	0.00	52,973.94
2026	15.82	79.08	140.97	0.66	56.62	3.63	60.26	0.94	3.36	4.29	0.00	52,948.40	52,948.40	1.22	0.00	52,973.94
2027	15.82	79.08	140.97	0.66	56.62	3.63	60.26	0.94	3.36	4.29	0.00	52,948.40	52,948.40	1.22	0.00	52,973.94
2028	15.76	78.78	140.43	0.66	56.41	3.62	60.02	0.93	3.34	4.28	0.00	52,745.53	52,745.53	1.21	0.00	52,770.97
2029	15.82	79.08	140.97	0.66	56.62	3.63	60.26	0.94	3.36	4.29	0.00	52,948.40	52,948.40	1.22	0.00	52,973.94
2030	13.80	70.72	121.89	0.66	56.62	3.40	60.02	0.94	3.14	4.08	0.00	51,637.41	51,637.41	1.06	0.00	51,659.58
2031	13.80	70.72	121.89	0.66	56.62	3.40	60.02	0.94	3.14	4.08	0.00	51,637.41	51,637.41	1.06	0.00	51,659.58
2032	12.43	63.69	110.01	0.60	50.99	3.06	54.05	0.84	2.83	3.67	0.00	46,530.82	46,530.82	0.95	0.00	46,550.83
2033	142.07	0.45	5.93	0.02	2.53	0.10	2.63	0.04	0.09	0.13	0.00	1,737.89	1,737.89	0.06	0.00	1,739.09
2034	550.98	1.15	15.79	0.08	9.75	0.34	10.09	0.14	0.32	0.46	0.00	5,707.40	5,707.40	0.16	0.00	5,710.84

	ROG	NOx	CO	SO2	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					
2035	239.37	0.42	6.22	0.04	4.24	0.15	4.39	0.06	0.14	0.21	0.00	2,463.59	2,463.59	0.07	0.00	2,464.99
Total	1,218.19	1,467.99	2,629.39	10.97	953.23	64.81	1,018.05	19.49	60.47	79.95	0.00	894,502.44	894,502.44	22.64	0.00	894,977.10

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	461.53	5.82	466.87	0.36		0.00	36.64		0.00	36.59	3,505.27	65,250.56	68,755.83	12.41	1.30	69,417.97
Energy	5.87	50.88	26.36	0.32		0.00	4.06		0.00	4.06	0.00	187,550.98	187,550.98	6.97	3.29	188,715.88
Mobile	753.31	4,201.42	6,410.20	12.86	1,192.04	159.49	1,351.53	52.24	159.49	211.73	0.00	1,320,671.52	1,320,671.52	41.77	0.00	1,321,548.61
Waste						0.00	0.00		0.00	0.00	77,564.91	0.00	77,564.91	4,583.96	0.00	173,827.97
Water						0.00	0.00		0.00	0.00	0.00	130,359.99	130,359.99	993.77	26.73	159,515.28
Total	1,220.71	4,258.12	6,903.43	13.54	1,192.04	159.49	1,392.23	52.24	159.49	252.38	81,070.18	1,703,833.05	1,784,903.23	5,638.88	31.32	1,913,025.71

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	338.11	2.39	199.65	0.01		0.00	6.13		0.00	6.07	0.00	73,229.55	73,229.55	1.63	1.34	73,678.19
Energy	5.17	44.83	23.39	0.28		0.00	3.57		0.00	3.57	0.00	128,497.96	128,497.96	4.48	2.26	129,294.00
Mobile	503.75	2,744.36	3,962.44	6.58	582.48	84.14	666.63	25.53	84.14	109.67	0.00	686,085.05	686,085.05	24.29	0.00	686,595.24
Waste						0.00	0.00		0.00	0.00	19,391.23	0.00	19,391.23	1,145.99	0.00	43,456.99
Water						0.00	0.00		0.00	0.00	0.00	99,672.87	99,672.87	745.80	20.09	121,562.22
Total	847.03	2,791.58	4,185.48	6.87	582.48	84.14	676.33	25.53	84.14	119.31	19,391.23	987,485.43	1,006,876.66	1,922.19	23.69	1,054,586.64

3.0 Construction Detail

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

3.2 Demolition - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.84	6.62	4.10	0.01		0.32	0.32		0.32	0.32	0.00	681.18	681.18	0.07	0.00	682.61
Total	0.84	6.62	4.10	0.01		0.32	0.32		0.32	0.32	0.00	681.18	681.18	0.07	0.00	682.61

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	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
Worker	0.01	0.01	0.08	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	15.27	15.27	0.00	0.00	15.29
Total	0.01	0.01	0.08	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	15.27	15.27	0.00	0.00	15.29

3.2 Demolition - 2014

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.19	0.40	3.77	0.01		0.02	0.02		0.02	0.02	0.00	681.18	681.18	0.07	0.00	682.61
Total	0.19	0.40	3.77	0.01		0.02	0.02		0.02	0.02	0.00	681.18	681.18	0.07	0.00	682.61

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	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
Worker	0.01	0.01	0.08	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	15.27	15.27	0.00	0.00	15.29
Total	0.01	0.01	0.08	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	15.27	15.27	0.00	0.00	15.29

3.3 Site Preparation - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					1.08	0.00	1.08	0.60	0.00	0.60	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.28	2.25	1.29	0.00		0.11	0.11		0.11	0.11	0.00	217.60	217.60	0.02	0.00	218.08
Total	0.28	2.25	1.29	0.00	1.08	0.11	1.19	0.60	0.11	0.71	0.00	217.60	217.60	0.02	0.00	218.08

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	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
Worker	0.00	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	5.50	5.50	0.00	0.00	5.50
Total	0.00	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	5.50	5.50	0.00	0.00	5.50

3.3 Site Preparation - 2014

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.42	0.00	0.42	0.23	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.06	0.13	1.06	0.00		0.01	0.01		0.01	0.01	0.00	217.60	217.60	0.02	0.00	218.08
Total	0.06	0.13	1.06	0.00	0.42	0.01	0.43	0.23	0.01	0.24	0.00	217.60	217.60	0.02	0.00	218.08

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	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
Worker	0.00	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	5.50	5.50	0.00	0.00	5.50
Total	0.00	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	5.50	5.50	0.00	0.00	5.50

3.3 Site Preparation - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					1.08	0.00	1.08	0.60	0.00	0.60	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.27	2.09	1.23	0.00		0.10	0.10		0.10	0.10	0.00	217.60	217.60	0.02	0.00	218.05
Total	0.27	2.09	1.23	0.00	1.08	0.10	1.18	0.60	0.10	0.70	0.00	217.60	217.60	0.02	0.00	218.05

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	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
Worker	0.00	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	5.36	5.36	0.00	0.00	5.37
Total	0.00	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	5.36	5.36	0.00	0.00	5.37

3.3 Site Preparation - 2015

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.42	0.00	0.42	0.23	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.06	0.13	1.06	0.00		0.01	0.01		0.01	0.01	0.00	217.60	217.60	0.02	0.00	218.05
Total	0.06	0.13	1.06	0.00	0.42	0.01	0.43	0.23	0.01	0.24	0.00	217.60	217.60	0.02	0.00	218.05

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	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
Worker	0.00	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	5.36	5.36	0.00	0.00	5.37
Total	0.00	0.00	0.03	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	5.36	5.36	0.00	0.00	5.37

3.4 Grading - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.75	0.00	3.75	0.82	0.00	0.82	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	1.06	8.36	4.93	0.01		0.38	0.38		0.38	0.38	0.00	989.55	989.55	0.09	0.00	991.36
Total	1.06	8.36	4.93	0.01	3.75	0.38	4.13	0.82	0.38	1.20	0.00	989.55	989.55	0.09	0.00	991.36

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	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
Worker	0.01	0.01	0.10	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	19.96	19.96	0.00	0.00	19.98
Total	0.01	0.01	0.10	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	19.96	19.96	0.00	0.00	19.98

3.4 Grading - 2015

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					1.46	0.00	1.46	0.32	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.27	0.58	5.18	0.01		0.03	0.03		0.03	0.03	0.00	989.55	989.55	0.09	0.00	991.36
Total	0.27	0.58	5.18	0.01	1.46	0.03	1.49	0.32	0.03	0.35	0.00	989.55	989.55	0.09	0.00	991.36

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	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
Worker	0.01	0.01	0.10	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	19.96	19.96	0.00	0.00	19.98
Total	0.01	0.01	0.10	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	19.96	19.96	0.00	0.00	19.98

3.4 Grading - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.75	0.00	3.75	0.82	0.00	0.82	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.54	4.16	2.58	0.01		0.19	0.19		0.19	0.19	0.00	536.62	536.62	0.04	0.00	537.55
Total	0.54	4.16	2.58	0.01	3.75	0.19	3.94	0.82	0.19	1.01	0.00	536.62	536.62	0.04	0.00	537.55

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	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
Worker	0.00	0.00	0.05	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	10.58	10.58	0.00	0.00	10.59
Total	0.00	0.00	0.05	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	10.58	10.58	0.00	0.00	10.59

3.4 Grading - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					1.46	0.00	1.46	0.32	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.15	0.31	2.81	0.01		0.02	0.02		0.02	0.02	0.00	536.62	536.62	0.04	0.00	537.55
Total	0.15	0.31	2.81	0.01	1.46	0.02	1.48	0.32	0.02	0.34	0.00	536.62	536.62	0.04	0.00	537.55

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	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
Worker	0.00	0.00	0.05	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	10.58	10.58	0.00	0.00	10.59
Total	0.00	0.00	0.05	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	10.58	10.58	0.00	0.00	10.59

3.5 Building Construction - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.30	2.02	1.73	0.00		0.12	0.12		0.12	0.12	0.00	278.51	278.51	0.02	0.00	279.02
Total	0.30	2.02	1.73	0.00		0.12	0.12		0.12	0.12	0.00	278.51	278.51	0.02	0.00	279.02

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	5.23	67.68	35.82	0.14	4.47	2.11	6.59	0.38	2.11	2.49	0.00	13,093.04	13,093.04	0.23	0.00	13,097.89
Worker	8.86	8.78	96.22	0.24	28.50	0.89	29.40	1.17	0.89	2.06	0.00	19,787.16	19,787.16	0.87	0.00	19,805.37
Total	14.09	76.46	132.04	0.38	32.97	3.00	35.99	1.55	3.00	4.55	0.00	32,880.20	32,880.20	1.10	0.00	32,903.26

3.5 Building Construction - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.09	0.24	1.85	0.00		0.01	0.01		0.01	0.01	0.00	278.51	278.51	0.02	0.00	279.02
Total	0.09	0.24	1.85	0.00		0.01	0.01		0.01	0.01	0.00	278.51	278.51	0.02	0.00	279.02

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	5.23	67.68	35.82	0.14	4.47	2.11	6.59	0.38	2.11	2.49	0.00	13,093.04	13,093.04	0.23	0.00	13,097.89
Worker	8.86	8.78	96.22	0.24	28.50	0.89	29.40	1.17	0.89	2.06	0.00	19,787.16	19,787.16	0.87	0.00	19,805.37
Total	14.09	76.46	132.04	0.38	32.97	3.00	35.99	1.55	3.00	4.55	0.00	32,880.20	32,880.20	1.10	0.00	32,903.26

3.5 Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.48	3.13	2.94	0.01		0.18	0.18		0.18	0.18	0.00	476.40	476.40	0.04	0.00	477.20
Total	0.48	3.13	2.94	0.01		0.18	0.18		0.18	0.18	0.00	476.40	476.40	0.04	0.00	477.20

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	8.24	107.10	57.76	0.24	7.65	3.28	10.93	0.64	3.28	3.92	0.00	22,400.64	22,400.64	0.36	0.00	22,408.27
Worker	14.20	13.66	151.55	0.41	48.76	1.54	50.29	2.00	1.54	3.53	0.00	33,094.29	33,094.29	1.39	0.00	33,123.39
Total	22.44	120.76	209.31	0.65	56.41	4.82	61.22	2.64	4.82	7.45	0.00	55,494.93	55,494.93	1.75	0.00	55,531.66

3.5 Building Construction - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.16	0.41	3.17	0.01		0.01	0.01		0.01	0.01	0.00	476.40	476.40	0.04	0.00	477.20
Total	0.16	0.41	3.17	0.01		0.01	0.01		0.01	0.01	0.00	476.40	476.40	0.04	0.00	477.20

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	8.24	107.10	57.76	0.24	7.65	3.28	10.93	0.64	3.28	3.92	0.00	22,400.64	22,400.64	0.36	0.00	22,408.27
Worker	14.20	13.66	151.55	0.41	48.76	1.54	50.29	2.00	1.54	3.53	0.00	33,094.29	33,094.29	1.39	0.00	33,123.39
Total	22.44	120.76	209.31	0.65	56.41	4.82	61.22	2.64	4.82	7.45	0.00	55,494.93	55,494.93	1.75	0.00	55,531.66

3.5 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.44	2.84	2.93	0.01		0.16	0.16		0.16	0.16	0.00	478.23	478.23	0.04	0.00	478.97
Total	0.44	2.84	2.93	0.01		0.16	0.16		0.16	0.16	0.00	478.23	478.23	0.04	0.00	478.97

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	7.66	100.02	55.02	0.24	7.68	3.00	10.68	0.21	2.76	2.97	0.00	22,490.63	22,490.63	0.34	0.00	22,497.70
Worker	13.38	12.49	140.15	0.41	48.94	1.55	50.50	0.72	1.44	2.16	0.00	32,512.04	32,512.04	1.29	0.00	32,539.23
Total	21.04	112.51	195.17	0.65	56.62	4.55	61.18	0.93	4.20	5.13	0.00	55,002.67	55,002.67	1.63	0.00	55,036.93

3.5 Building Construction - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.16	0.41	3.18	0.01		0.01	0.01		0.01	0.01	0.00	478.23	478.23	0.04	0.00	478.97
Total	0.16	0.41	3.18	0.01		0.01	0.01		0.01	0.01	0.00	478.23	478.23	0.04	0.00	478.97

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	7.66	100.02	55.02	0.24	7.68	3.00	10.68	0.21	2.76	2.97	0.00	22,490.63	22,490.63	0.34	0.00	22,497.70
Worker	13.38	12.49	140.15	0.41	48.94	1.55	50.50	0.72	1.44	2.16	0.00	32,512.04	32,512.04	1.29	0.00	32,539.23
Total	21.04	112.51	195.17	0.65	56.62	4.55	61.18	0.93	4.20	5.13	0.00	55,002.67	55,002.67	1.63	0.00	55,036.93

3.5 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.40	2.57	2.92	0.01		0.13	0.13		0.13	0.13	0.00	478.23	478.23	0.03	0.00	478.91
Total	0.40	2.57	2.92	0.01		0.13	0.13		0.13	0.13	0.00	478.23	478.23	0.03	0.00	478.91

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	7.16	93.63	52.57	0.24	7.68	2.75	10.43	0.21	2.53	2.75	0.00	22,494.62	22,494.62	0.31	0.00	22,501.21
Worker	12.69	11.45	130.24	0.41	48.94	1.56	50.51	0.72	1.45	2.17	0.00	31,859.87	31,859.87	1.22	0.00	31,885.44
Total	19.85	105.08	182.81	0.65	56.62	4.31	60.94	0.93	3.98	4.92	0.00	54,354.49	54,354.49	1.53	0.00	54,386.65

3.5 Building Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.16	0.41	3.18	0.01		0.01	0.01		0.01	0.01	0.00	478.23	478.23	0.03	0.00	478.91
Total	0.16	0.41	3.18	0.01		0.01	0.01		0.01	0.01	0.00	478.23	478.23	0.03	0.00	478.91

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	7.16	93.63	52.57	0.24	7.68	2.75	10.43	0.21	2.53	2.75	0.00	22,494.62	22,494.62	0.31	0.00	22,501.21
Worker	12.69	11.45	130.24	0.41	48.94	1.56	50.51	0.72	1.45	2.17	0.00	31,859.87	31,859.87	1.22	0.00	31,885.44
Total	19.85	105.08	182.81	0.65	56.62	4.31	60.94	0.93	3.98	4.92	0.00	54,354.49	54,354.49	1.53	0.00	54,386.65

3.5 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.37	2.34	2.91	0.01		0.11	0.11		0.11	0.11	0.00	480.06	480.06	0.03	0.00	480.68
Total	0.37	2.34	2.91	0.01		0.11	0.11		0.11	0.11	0.00	480.06	480.06	0.03	0.00	480.68

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	6.75	88.49	50.44	0.24	7.71	2.55	10.26	0.21	2.35	2.56	0.00	22,584.04	22,584.04	0.30	0.00	22,590.24
Worker	12.15	10.57	121.97	0.41	49.13	1.57	50.70	0.73	1.46	2.18	0.00	31,380.23	31,380.23	1.15	0.00	31,404.46
Total	18.90	99.06	172.41	0.65	56.84	4.12	60.96	0.94	3.81	4.74	0.00	53,964.27	53,964.27	1.45	0.00	53,994.70

3.5 Building Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.16	0.41	3.19	0.01		0.01	0.01		0.01	0.01	0.00	480.06	480.06	0.03	0.00	480.68
Total	0.16	0.41	3.19	0.01		0.01	0.01		0.01	0.01	0.00	480.06	480.06	0.03	0.00	480.68

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	6.75	88.49	50.44	0.24	7.71	2.55	10.26	0.21	2.35	2.56	0.00	22,584.04	22,584.04	0.30	0.00	22,590.24
Worker	12.15	10.57	121.97	0.41	49.13	1.57	50.70	0.73	1.46	2.18	0.00	31,380.23	31,380.23	1.15	0.00	31,404.46
Total	18.90	99.06	172.41	0.65	56.84	4.12	60.96	0.94	3.81	4.74	0.00	53,964.27	53,964.27	1.45	0.00	53,994.70

3.5 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	0.33	2.10	2.88	0.01		0.10	0.10		0.10	0.10	0.00	478.23	478.23	0.03	0.00	478.79
Total	0.33	2.10	2.88	0.01		0.10	0.10		0.10	0.10	0.00	478.23	478.23	0.03	0.00	478.79

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	6.43	83.04	48.27	0.24	7.68	2.35	10.03	0.21	2.16	2.38	0.00	22,554.12	22,554.12	0.28	0.00	22,560.01
Worker	11.67	9.77	115.66	0.41	48.94	1.61	50.56	0.72	1.49	2.21	0.00	30,960.62	30,960.62	1.11	0.00	30,983.91
Total	18.10	92.81	163.93	0.65	56.62	3.96	60.59	0.93	3.65	4.59	0.00	53,514.74	53,514.74	1.39	0.00	53,543.92

3.5 Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.16	0.41	3.18	0.01		0.01	0.01		0.01	0.01	0.00	478.23	478.23	0.03	0.00	478.79
Total	0.16	0.41	3.18	0.01		0.01	0.01		0.01	0.01	0.00	478.23	478.23	0.03	0.00	478.79

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	6.43	83.04	48.27	0.24	7.68	2.35	10.03	0.21	2.16	2.38	0.00	22,554.12	22,554.12	0.28	0.00	22,560.01
Worker	11.67	9.77	115.66	0.41	48.94	1.61	50.56	0.72	1.49	2.21	0.00	30,960.62	30,960.62	1.11	0.00	30,983.91
Total	18.10	92.81	163.93	0.65	56.62	3.96	60.59	0.93	3.65	4.59	0.00	53,514.74	53,514.74	1.39	0.00	53,543.92

3.5 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	0.31	1.89	2.86	0.01		0.08	0.08		0.08	0.08	0.00	476.40	476.40	0.02	0.00	476.92
Total	0.31	1.89	2.86	0.01		0.08	0.08		0.08	0.08	0.00	476.40	476.40	0.02	0.00	476.92

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	6.12	78.99	46.50	0.24	7.65	2.21	9.86	0.21	2.03	2.24	0.00	22,471.45	22,471.45	0.27	0.00	22,477.03
Worker	11.15	9.03	108.37	0.41	48.76	1.61	50.36	0.72	1.48	2.20	0.00	30,346.73	30,346.73	1.05	0.00	30,368.72
Total	17.27	88.02	154.87	0.65	56.41	3.82	60.22	0.93	3.51	4.44	0.00	52,818.18	52,818.18	1.32	0.00	52,845.75

3.5 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.16	0.41	3.17	0.01		0.01	0.01		0.01	0.01	0.00	476.40	476.40	0.02	0.00	476.92
Total	0.16	0.41	3.17	0.01		0.01	0.01		0.01	0.01	0.00	476.40	476.40	0.02	0.00	476.92

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	6.12	78.99	46.50	0.24	7.65	2.21	9.86	0.21	2.03	2.24	0.00	22,471.45	22,471.45	0.27	0.00	22,477.03
Worker	11.15	9.03	108.37	0.41	48.76	1.61	50.36	0.72	1.48	2.20	0.00	30,346.73	30,346.73	1.05	0.00	30,368.72
Total	17.27	88.02	154.87	0.65	56.41	3.82	60.22	0.93	3.51	4.44	0.00	52,818.18	52,818.18	1.32	0.00	52,845.75

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.29	1.72	2.86	0.01		0.07	0.07		0.07	0.07	0.00	476.40	476.40	0.02	0.00	476.89
Total	0.29	1.72	2.86	0.01		0.07	0.07		0.07	0.07	0.00	476.40	476.40	0.02	0.00	476.89

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	5.88	75.92	45.20	0.24	7.65	2.09	9.74	0.21	1.93	2.14	0.00	22,475.08	22,475.08	0.26	0.00	22,480.44
Worker	10.71	8.40	102.15	0.41	48.76	1.62	50.37	0.72	1.49	2.21	0.00	29,893.25	29,893.25	1.00	0.00	29,914.23
Total	16.59	84.32	147.35	0.65	56.41	3.71	60.11	0.93	3.42	4.35	0.00	52,368.33	52,368.33	1.26	0.00	52,394.67

3.5 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.16	0.41	3.17	0.01		0.01	0.01		0.01	0.01	0.00	476.40	476.40	0.02	0.00	476.89
Total	0.16	0.41	3.17	0.01		0.01	0.01		0.01	0.01	0.00	476.40	476.40	0.02	0.00	476.89

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	5.88	75.92	45.20	0.24	7.65	2.09	9.74	0.21	1.93	2.14	0.00	22,475.08	22,475.08	0.26	0.00	22,480.44
Worker	10.71	8.40	102.15	0.41	48.76	1.62	50.37	0.72	1.49	2.21	0.00	29,893.25	29,893.25	1.00	0.00	29,914.23
Total	16.59	84.32	147.35	0.65	56.41	3.71	60.11	0.93	3.42	4.35	0.00	52,368.33	52,368.33	1.26	0.00	52,394.67

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.28	1.58	2.87	0.01		0.06	0.06		0.06	0.06	0.00	480.06	480.06	0.02	0.00	480.53
Total	0.28	1.58	2.87	0.01		0.06	0.06		0.06	0.06	0.00	480.06	480.06	0.02	0.00	480.53

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	5.84	73.71	44.63	0.24	7.71	2.02	9.72	0.21	1.86	2.07	0.00	22,756.53	22,756.53	0.25	0.00	22,761.85
Worker	10.43	7.96	99.37	0.42	49.13	1.70	50.83	0.73	1.57	2.30	0.00	30,292.71	30,292.71	1.00	0.00	30,313.78
Total	16.27	81.67	144.00	0.66	56.84	3.72	60.55	0.94	3.43	4.37	0.00	53,049.24	53,049.24	1.25	0.00	53,075.63

3.5 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.16	0.41	3.19	0.01		0.01	0.01		0.01	0.01	0.00	480.06	480.06	0.02	0.00	480.53
Total	0.16	0.41	3.19	0.01		0.01	0.01		0.01	0.01	0.00	480.06	480.06	0.02	0.00	480.53

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	5.84	73.71	44.63	0.24	7.71	2.02	9.72	0.21	1.86	2.07	0.00	22,756.53	22,756.53	0.25	0.00	22,761.85
Worker	10.43	7.96	99.37	0.42	49.13	1.70	50.83	0.73	1.57	2.30	0.00	30,292.71	30,292.71	1.00	0.00	30,313.78
Total	16.27	81.67	144.00	0.66	56.84	3.72	60.55	0.94	3.43	4.37	0.00	53,049.24	53,049.24	1.25	0.00	53,075.63

3.5 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.26	1.44	2.86	0.01		0.05	0.05		0.05	0.05	0.00	478.23	478.23	0.02	0.00	478.66
Total	0.26	1.44	2.86	0.01		0.05	0.05		0.05	0.05	0.00	478.23	478.23	0.02	0.00	478.66

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	5.66	71.24	43.58	0.24	7.68	1.93	9.61	0.21	1.77	1.99	0.00	22,671.05	22,671.05	0.24	0.00	22,676.17
Worker	10.00	7.43	94.21	0.42	48.94	1.69	50.63	0.72	1.57	2.29	0.00	29,799.12	29,799.12	0.95	0.00	29,819.11
Total	15.66	78.67	137.79	0.66	56.62	3.62	60.24	0.93	3.34	4.28	0.00	52,470.17	52,470.17	1.19	0.00	52,495.28

3.5 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.16	0.41	3.18	0.01		0.01	0.01		0.01	0.01	0.00	478.23	478.23	0.02	0.00	478.66
Total	0.16	0.41	3.18	0.01		0.01	0.01		0.01	0.01	0.00	478.23	478.23	0.02	0.00	478.66

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	5.66	71.24	43.58	0.24	7.68	1.93	9.61	0.21	1.77	1.99	0.00	22,671.05	22,671.05	0.24	0.00	22,676.17
Worker	10.00	7.43	94.21	0.42	48.94	1.69	50.63	0.72	1.57	2.29	0.00	29,799.12	29,799.12	0.95	0.00	29,819.11
Total	15.66	78.67	137.79	0.66	56.62	3.62	60.24	0.93	3.34	4.28	0.00	52,470.17	52,470.17	1.19	0.00	52,495.28

3.5 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.26	1.44	2.86	0.01		0.05	0.05		0.05	0.05	0.00	478.23	478.23	0.02	0.00	478.66
Total	0.26	1.44	2.86	0.01		0.05	0.05		0.05	0.05	0.00	478.23	478.23	0.02	0.00	478.66

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	5.66	71.24	43.58	0.24	7.68	1.93	9.61	0.21	1.77	1.99	0.00	22,671.05	22,671.05	0.24	0.00	22,676.17
Worker	10.00	7.43	94.21	0.42	48.94	1.69	50.63	0.72	1.57	2.29	0.00	29,799.12	29,799.12	0.95	0.00	29,819.11
Total	15.66	78.67	137.79	0.66	56.62	3.62	60.24	0.93	3.34	4.28	0.00	52,470.17	52,470.17	1.19	0.00	52,495.28

3.5 Building Construction - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.16	0.41	3.18	0.01		0.01	0.01		0.01	0.01	0.00	478.23	478.23	0.02	0.00	478.66
Total	0.16	0.41	3.18	0.01		0.01	0.01		0.01	0.01	0.00	478.23	478.23	0.02	0.00	478.66

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	5.66	71.24	43.58	0.24	7.68	1.93	9.61	0.21	1.77	1.99	0.00	22,671.05	22,671.05	0.24	0.00	22,676.17
Worker	10.00	7.43	94.21	0.42	48.94	1.69	50.63	0.72	1.57	2.29	0.00	29,799.12	29,799.12	0.95	0.00	29,819.11
Total	15.66	78.67	137.79	0.66	56.62	3.62	60.24	0.93	3.34	4.28	0.00	52,470.17	52,470.17	1.19	0.00	52,495.28

3.5 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.26	1.44	2.86	0.01		0.05	0.05		0.05	0.05	0.00	478.23	478.23	0.02	0.00	478.66
Total	0.26	1.44	2.86	0.01		0.05	0.05		0.05	0.05	0.00	478.23	478.23	0.02	0.00	478.66

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	5.66	71.24	43.58	0.24	7.68	1.93	9.61	0.21	1.77	1.99	0.00	22,671.05	22,671.05	0.24	0.00	22,676.17
Worker	10.00	7.43	94.21	0.42	48.94	1.69	50.63	0.72	1.57	2.29	0.00	29,799.12	29,799.12	0.95	0.00	29,819.11
Total	15.66	78.67	137.79	0.66	56.62	3.62	60.24	0.93	3.34	4.28	0.00	52,470.17	52,470.17	1.19	0.00	52,495.28

3.5 Building Construction - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.16	0.41	3.18	0.01		0.01	0.01		0.01	0.01	0.00	478.23	478.23	0.02	0.00	478.66
Total	0.16	0.41	3.18	0.01		0.01	0.01		0.01	0.01	0.00	478.23	478.23	0.02	0.00	478.66

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	5.66	71.24	43.58	0.24	7.68	1.93	9.61	0.21	1.77	1.99	0.00	22,671.05	22,671.05	0.24	0.00	22,676.17
Worker	10.00	7.43	94.21	0.42	48.94	1.69	50.63	0.72	1.57	2.29	0.00	29,799.12	29,799.12	0.95	0.00	29,819.11
Total	15.66	78.67	137.79	0.66	56.62	3.62	60.24	0.93	3.34	4.28	0.00	52,470.17	52,470.17	1.19	0.00	52,495.28

3.5 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.26	1.44	2.85	0.01		0.05	0.05		0.05	0.05	0.00	476.40	476.40	0.02	0.00	476.83
Total	0.26	1.44	2.85	0.01		0.05	0.05		0.05	0.05	0.00	476.40	476.40	0.02	0.00	476.83

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	5.64	70.97	43.41	0.24	7.65	1.92	9.57	0.21	1.77	1.98	0.00	22,584.18	22,584.18	0.24	0.00	22,589.29
Worker	9.97	7.40	93.85	0.42	48.76	1.68	50.44	0.72	1.56	2.28	0.00	29,684.95	29,684.95	0.95	0.00	29,704.86
Total	15.61	78.37	137.26	0.66	56.41	3.60	60.01	0.93	3.33	4.26	0.00	52,269.13	52,269.13	1.19	0.00	52,294.15

3.5 Building Construction - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.16	0.41	3.17	0.01		0.01	0.01		0.01	0.01	0.00	476.40	476.40	0.02	0.00	476.83
Total	0.16	0.41	3.17	0.01		0.01	0.01		0.01	0.01	0.00	476.40	476.40	0.02	0.00	476.83

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	5.64	70.97	43.41	0.24	7.65	1.92	9.57	0.21	1.77	1.98	0.00	22,584.18	22,584.18	0.24	0.00	22,589.29
Worker	9.97	7.40	93.85	0.42	48.76	1.68	50.44	0.72	1.56	2.28	0.00	29,684.95	29,684.95	0.95	0.00	29,704.86
Total	15.61	78.37	137.26	0.66	56.41	3.60	60.01	0.93	3.33	4.26	0.00	52,269.13	52,269.13	1.19	0.00	52,294.15

3.5 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.26	1.44	2.86	0.01		0.05	0.05		0.05	0.05	0.00	478.23	478.23	0.02	0.00	478.66
Total	0.26	1.44	2.86	0.01		0.05	0.05		0.05	0.05	0.00	478.23	478.23	0.02	0.00	478.66

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	5.66	71.24	43.58	0.24	7.68	1.93	9.61	0.21	1.77	1.99	0.00	22,671.05	22,671.05	0.24	0.00	22,676.17
Worker	10.00	7.43	94.21	0.42	48.94	1.69	50.63	0.72	1.57	2.29	0.00	29,799.12	29,799.12	0.95	0.00	29,819.11
Total	15.66	78.67	137.79	0.66	56.62	3.62	60.24	0.93	3.34	4.28	0.00	52,470.17	52,470.17	1.19	0.00	52,495.28

3.5 Building Construction - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.16	0.41	3.18	0.01		0.01	0.01		0.01	0.01	0.00	478.23	478.23	0.02	0.00	478.66
Total	0.16	0.41	3.18	0.01		0.01	0.01		0.01	0.01	0.00	478.23	478.23	0.02	0.00	478.66

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	5.66	71.24	43.58	0.24	7.68	1.93	9.61	0.21	1.77	1.99	0.00	22,671.05	22,671.05	0.24	0.00	22,676.17
Worker	10.00	7.43	94.21	0.42	48.94	1.69	50.63	0.72	1.57	2.29	0.00	29,799.12	29,799.12	0.95	0.00	29,819.11
Total	15.66	78.67	137.79	0.66	56.62	3.62	60.24	0.93	3.34	4.28	0.00	52,470.17	52,470.17	1.19	0.00	52,495.28

3.5 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.22	1.05	2.85	0.01		0.02	0.02		0.02	0.02	0.00	478.23	478.23	0.02	0.00	478.60
Total	0.22	1.05	2.85	0.01		0.02	0.02		0.02	0.02	0.00	478.23	478.23	0.02	0.00	478.60

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	5.20	64.61	40.64	0.24	7.68	1.68	9.36	0.21	1.55	1.76	0.00	22,676.70	22,676.70	0.22	0.00	22,681.35
Worker	8.43	5.70	78.07	0.42	48.94	1.70	50.64	0.72	1.58	2.30	0.00	28,482.48	28,482.48	0.82	0.00	28,499.63
Total	13.63	70.31	118.71	0.66	56.62	3.38	60.00	0.93	3.13	4.06	0.00	51,159.18	51,159.18	1.04	0.00	51,180.98

3.5 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.16	0.41	3.18	0.01		0.01	0.01		0.01	0.01	0.00	478.23	478.23	0.02	0.00	478.60
Total	0.16	0.41	3.18	0.01		0.01	0.01		0.01	0.01	0.00	478.23	478.23	0.02	0.00	478.60

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	5.20	64.61	40.64	0.24	7.68	1.68	9.36	0.21	1.55	1.76	0.00	22,676.70	22,676.70	0.22	0.00	22,681.35
Worker	8.43	5.70	78.07	0.42	48.94	1.70	50.64	0.72	1.58	2.30	0.00	28,482.48	28,482.48	0.82	0.00	28,499.63
Total	13.63	70.31	118.71	0.66	56.62	3.38	60.00	0.93	3.13	4.06	0.00	51,159.18	51,159.18	1.04	0.00	51,180.98

3.5 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.22	1.05	2.85	0.01		0.02	0.02		0.02	0.02	0.00	478.23	478.23	0.02	0.00	478.60
Total	0.22	1.05	2.85	0.01		0.02	0.02		0.02	0.02	0.00	478.23	478.23	0.02	0.00	478.60

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	5.20	64.61	40.64	0.24	7.68	1.68	9.36	0.21	1.55	1.76	0.00	22,676.70	22,676.70	0.22	0.00	22,681.35
Worker	8.43	5.70	78.07	0.42	48.94	1.70	50.64	0.72	1.58	2.30	0.00	28,482.48	28,482.48	0.82	0.00	28,499.63
Total	13.63	70.31	118.71	0.66	56.62	3.38	60.00	0.93	3.13	4.06	0.00	51,159.18	51,159.18	1.04	0.00	51,180.98

3.5 Building Construction - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.16	0.41	3.18	0.01		0.01	0.01		0.01	0.01	0.00	478.23	478.23	0.02	0.00	478.60
Total	0.16	0.41	3.18	0.01		0.01	0.01		0.01	0.01	0.00	478.23	478.23	0.02	0.00	478.60

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	5.20	64.61	40.64	0.24	7.68	1.68	9.36	0.21	1.55	1.76	0.00	22,676.70	22,676.70	0.22	0.00	22,681.35
Worker	8.43	5.70	78.07	0.42	48.94	1.70	50.64	0.72	1.58	2.30	0.00	28,482.48	28,482.48	0.82	0.00	28,499.63
Total	13.63	70.31	118.71	0.66	56.62	3.38	60.00	0.93	3.13	4.06	0.00	51,159.18	51,159.18	1.04	0.00	51,180.98

3.5 Building Construction - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.19	0.95	2.56	0.01		0.02	0.02		0.02	0.02	0.00	430.59	430.59	0.02	0.00	430.92
Total	0.19	0.95	2.56	0.01		0.02	0.02		0.02	0.02	0.00	430.59	430.59	0.02	0.00	430.92

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	4.68	58.17	36.59	0.21	6.91	1.52	8.43	0.19	1.39	1.59	0.00	20,417.72	20,417.72	0.20	0.00	20,421.91
Worker	7.59	5.13	70.29	0.38	44.07	1.53	45.60	0.65	1.42	2.07	0.00	25,645.14	25,645.14	0.74	0.00	25,660.59
Total	12.27	63.30	106.88	0.59	50.98	3.05	54.03	0.84	2.81	3.66	0.00	46,062.86	46,062.86	0.94	0.00	46,082.50

3.5 Building Construction - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.14	0.37	2.86	0.01		0.01	0.01		0.01	0.01	0.00	430.59	430.59	0.02	0.00	430.92
Total	0.14	0.37	2.86	0.01		0.01	0.01		0.01	0.01	0.00	430.59	430.59	0.02	0.00	430.92

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	4.68	58.17	36.59	0.21	6.91	1.52	8.43	0.19	1.39	1.59	0.00	20,417.72	20,417.72	0.20	0.00	20,421.91
Worker	7.59	5.13	70.29	0.38	44.07	1.53	45.60	0.65	1.42	2.07	0.00	25,645.14	25,645.14	0.74	0.00	25,660.59
Total	12.27	63.30	106.88	0.59	50.98	3.05	54.03	0.84	2.81	3.66	0.00	46,062.86	46,062.86	0.94	0.00	46,082.50

3.6 Paving - 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	0.03	0.16	0.26	0.00		0.01	0.01		0.01	0.01	0.00	35.72	35.72	0.00	0.00	35.77
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.03	0.16	0.26	0.00		0.01	0.01		0.01	0.01	0.00	35.72	35.72	0.00	0.00	35.77

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	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
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.65	1.65	0.00	0.00	1.65
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.65	1.65	0.00	0.00	1.65

3.6 Paving - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.01	0.02	0.26	0.00		0.00	0.00		0.00	0.00	0.00	35.72	35.72	0.00	0.00	35.77
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.01	0.02	0.26	0.00		0.00	0.00		0.00	0.00	0.00	35.72	35.72	0.00	0.00	35.77

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	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
Worker	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.65	1.65	0.00	0.00	1.65
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.65	1.65	0.00	0.00	1.65

3.6 Paving - 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	0.18	1.13	1.85	0.00		0.05	0.05		0.05	0.05	0.00	255.35	255.35	0.01	0.00	255.66
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.18	1.13	1.85	0.00		0.05	0.05		0.05	0.05	0.00	255.35	255.35	0.01	0.00	255.66

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	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
Worker	0.00	0.00	0.03	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	11.78	11.78	0.00	0.00	11.79
Total	0.00	0.00	0.03	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	11.78	11.78	0.00	0.00	11.79

3.6 Paving - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.08	0.15	1.83	0.00		0.01	0.01		0.01	0.01	0.00	255.35	255.35	0.01	0.00	255.66
Paving	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.08	0.15	1.83	0.00		0.01	0.01		0.01	0.01	0.00	255.35	255.35	0.01	0.00	255.66

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	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
Worker	0.00	0.00	0.03	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	11.78	11.78	0.00	0.00	11.79
Total	0.00	0.00	0.03	0.00	0.02	0.00	0.02	0.00	0.00	0.00	0.00	11.78	11.78	0.00	0.00	11.79

3.7 Architectural Coating - 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					
Archit. Coating	141.55					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.03	0.06	0.00		0.00	0.00		0.00	0.00	0.00	8.54	8.54	0.00	0.00	8.55
Total	141.55	0.03	0.06	0.00		0.00	0.00		0.00	0.00	0.00	8.54	8.54	0.00	0.00	8.55

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	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
Worker	0.43	0.29	4.01	0.02	2.51	0.09	2.60	0.04	0.08	0.12	0.00	1,462.21	1,462.21	0.04	0.00	1,463.09
Total	0.43	0.29	4.01	0.02	2.51	0.09	2.60	0.04	0.08	0.12	0.00	1,462.21	1,462.21	0.04	0.00	1,463.09

3.7 Architectural Coating - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	141.55					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.00	0.06	0.00		0.00	0.00		0.00	0.00	0.00	8.54	8.54	0.00	0.00	8.55
Total	141.55	0.00	0.06	0.00		0.00	0.00		0.00	0.00	0.00	8.54	8.54	0.00	0.00	8.55

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	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
Worker	0.43	0.29	4.01	0.02	2.51	0.09	2.60	0.04	0.08	0.12	0.00	1,462.21	1,462.21	0.04	0.00	1,463.09
Total	0.43	0.29	4.01	0.02	2.51	0.09	2.60	0.04	0.08	0.12	0.00	1,462.21	1,462.21	0.04	0.00	1,463.09

3.7 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	549.29					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.02	0.11	0.23	0.00		0.00	0.00		0.00	0.00	0.00	33.15	33.15	0.00	0.00	33.18
Total	549.31	0.11	0.23	0.00		0.00	0.00		0.00	0.00	0.00	33.15	33.15	0.00	0.00	33.18

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	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
Worker	1.68	1.14	15.55	0.08	9.75	0.34	10.09	0.14	0.31	0.46	0.00	5,674.25	5,674.25	0.16	0.00	5,677.66
Total	1.68	1.14	15.55	0.08	9.75	0.34	10.09	0.14	0.31	0.46	0.00	5,674.25	5,674.25	0.16	0.00	5,677.66

3.7 Architectural Coating - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	549.29					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.01	0.02	0.24	0.00		0.00	0.00		0.00	0.00	0.00	33.15	33.15	0.00	0.00	33.18
Total	549.30	0.02	0.24	0.00		0.00	0.00		0.00	0.00	0.00	33.15	33.15	0.00	0.00	33.18

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	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
Worker	1.68	1.14	15.55	0.08	9.75	0.34	10.09	0.14	0.31	0.46	0.00	5,674.25	5,674.25	0.16	0.00	5,677.66
Total	1.68	1.14	15.55	0.08	9.75	0.34	10.09	0.14	0.31	0.46	0.00	5,674.25	5,674.25	0.16	0.00	5,677.66

3.7 Architectural Coating - 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					
Archit. Coating	238.73					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.01	0.04	0.10	0.00		0.00	0.00		0.00	0.00	0.00	14.41	14.41	0.00	0.00	14.42
Total	238.74	0.04	0.10	0.00		0.00	0.00		0.00	0.00	0.00	14.41	14.41	0.00	0.00	14.42

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	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
Worker	0.64	0.41	6.12	0.04	4.24	0.15	4.39	0.06	0.14	0.21	0.00	2,449.18	2,449.18	0.07	0.00	2,450.57
Total	0.64	0.41	6.12	0.04	4.24	0.15	4.39	0.06	0.14	0.21	0.00	2,449.18	2,449.18	0.07	0.00	2,450.57

3.7 Architectural Coating - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	238.73					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.00	0.01	0.10	0.00		0.00	0.00		0.00	0.00	0.00	14.41	14.41	0.00	0.00	14.42
Total	238.73	0.01	0.10	0.00		0.00	0.00		0.00	0.00	0.00	14.41	14.41	0.00	0.00	14.42

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	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
Vendor	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
Worker	0.64	0.41	6.12	0.04	4.24	0.15	4.39	0.06	0.14	0.21	0.00	2,449.18	2,449.18	0.07	0.00	2,450.57
Total	0.64	0.41	6.12	0.04	4.24	0.15	4.39	0.06	0.14	0.21	0.00	2,449.18	2,449.18	0.07	0.00	2,450.57

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

- Increase Density
- Increase Diversity
- Improve Walkability Design
- Increase Transit Accessibility
- Improve Pedestrian Network
- Provide Traffic Calming Measures
- Unbundle Parking Cost
- Expand Transit Network
- Implement Trip Reduction Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	503.75	2,744.36	3,962.44	6.58	582.48	84.14	666.63	25.53	84.14	109.67	0.00	686,085.05	686,085.05	24.29	0.00	686,595.24
Unmitigated	753.31	4,201.42	6,410.20	12.86	1,192.04	159.49	1,351.53	52.24	159.49	211.73	0.00	1,320,671.52	1,320,671.52	41.77	0.00	1,321,548.61
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	138,759.04	150,760.96	127809.92	462,648,241	238,745,683
General Light Industry	40,656.57	7,699.67	3966.49	103,605,660	48,354,039
General Office Building	44,799.47	9,643.48	3987.60	108,409,125	51,045,323
Regional Shopping Center	420,467.62	489,305.24	247149.58	1,063,328,181	499,605,857
Single Family Housing	126,697.23	133,449.12	116106.03	420,147,836	216,813,711
Total	771,379.93	790,858.47	499,019.62	2,158,139,043	1,054,564,613

4.3 Trip Type Information

Land Use	Miles			Trip %		
	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
Apartments Mid Rise	12.70	7.00	9.50	40.20	19.20	40.60
General Light Industry	8.90	13.30	7.40	59.00	28.00	13.00
General Office Building	8.90	13.30	7.40	33.00	48.00	19.00
Regional Shopping Center	8.90	13.30	7.40	16.30	64.70	19.00
Single Family Housing	12.70	7.00	9.50	40.20	19.20	40.60

5.0 Energy Detail

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Percent of Electricity Use Generated with Renewable 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						0.00	0.00		0.00	0.00	0.00	77,299.52	77,299.52	3.50	1.33	77,783.98
Electricity Unmitigated						0.00	0.00		0.00	0.00	0.00	129,418.48	129,418.48	5.85	2.22	130,229.59
NaturalGas Mitigated	5.17	44.83	23.39	0.28		0.00	3.57		0.00	3.57	0.00	51,198.43	51,198.43	0.98	0.94	51,510.02
NaturalGas Unmitigated	5.87	50.88	26.36	0.32		0.00	4.06		0.00	4.06	0.00	58,132.50	58,132.50	1.11	1.07	58,486.29
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	tons/yr										MT/yr					
Apartments Mid Rise	3.21102e+008	1.73	14.80	6.30	0.09		0.00	1.20		0.00	1.20	0.00	17,135.22	17,135.22	0.33	0.31	17,239.50
General Light Industry	1.94183e+008	1.05	9.52	8.00	0.06		0.00	0.72		0.00	0.72	0.00	10,362.35	10,362.35	0.20	0.19	10,425.41
General Office Building	1.48518e+007	0.08	0.73	0.61	0.00		0.00	0.06		0.00	0.06	0.00	792.55	792.55	0.02	0.01	797.37
Regional Shopping Center	2.27174e+007	0.12	1.11	0.94	0.01		0.00	0.08		0.00	0.08	0.00	1,212.29	1,212.29	0.02	0.02	1,219.66
Single Family Housing	5.36508e+008	2.89	24.72	10.52	0.16		0.00	2.00		0.00	2.00	0.00	28,630.10	28,630.10	0.55	0.52	28,804.34
Total		5.87	50.88	26.37	0.32		0.00	4.06		0.00	4.06	0.00	58,132.51	58,132.51	1.12	1.05	58,486.28

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	tons/yr										MT/yr					
Apartments Mid Rise	2.79177e+008	1.51	12.86	5.47	0.08		0.00	1.04		0.00	1.04	0.00	14,897.93	14,897.93	0.29	0.27	14,988.60
General Light Industry	1.80044e+008	0.97	8.83	7.41	0.05		0.00	0.67		0.00	0.67	0.00	9,607.82	9,607.82	0.18	0.18	9,666.29
General Office Building	1.2624e+007	0.07	0.62	0.52	0.00		0.00	0.05		0.00	0.05	0.00	673.67	673.67	0.01	0.01	677.77
Regional Shopping Center	1.97504e+007	0.11	0.97	0.81	0.01		0.00	0.07		0.00	0.07	0.00	1,053.96	1,053.96	0.02	0.02	1,060.37
Single Family Housing	4.67828e+008	2.52	21.56	9.17	0.14		0.00	1.74		0.00	1.74	0.00	24,965.06	24,965.06	0.48	0.46	25,117.00
Total		5.18	44.84	23.38	0.28		0.00	3.57		0.00	3.57	0.00	51,198.44	51,198.44	0.98	0.94	51,510.03

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			
Apartments Mid Rise	8.82044e+007					25,656.08	1.16	0.44	25,816.87
General Light Industry	6.45722e+007					18,782.14	0.85	0.32	18,899.86
General Office Building	4.34974e+007					12,652.12	0.57	0.22	12,731.41
Regional Shopping Center	1.53342e+008					44,602.81	2.02	0.77	44,882.35
Single Family Housing	9.53184e+007					27,725.33	1.25	0.48	27,899.09
Total						129,418.48	5.85	2.23	130,229.58

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			
Apartments Mid Rise	5.41952e+007					15,763.80	0.71	0.27	15,862.60
General Light Industry	3.91681e+007					11,392.85	0.52	0.20	11,464.25
General Office Building	2.5688e+007					7,471.88	0.34	0.13	7,518.71
Regional Shopping Center	8.94762e+007					26,026.00	1.18	0.45	26,189.11
Single Family Housing	5.72247e+007					16,645.00	0.75	0.29	16,749.32
Total						77,299.53	3.50	1.34	77,783.99

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Electric Lawnmower
- Use Electric Leafblower
- Use Electric Chainsaw
- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use only Natural Gas Hearths

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	338.11	2.39	199.65	0.01		0.00	6.13		0.00	6.07	0.00	73,229.55	73,229.55	1.63	1.34	73,678.19
Unmitigated	461.53	5.82	466.87	0.36		0.00	36.64		0.00	36.59	3,505.27	65,250.56	68,755.83	12.41	1.30	69,417.97
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	92.96					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	252.22					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	107.97	2.73	204.53	0.34		0.00	35.24		0.00	35.19	3,505.27	64,829.88	68,335.15	11.97	1.30	68,988.11
Landscaping	8.39	3.08	262.33	0.01		0.00	1.40		0.00	1.40	0.00	420.68	420.68	0.44	0.00	429.86
Total	461.54	5.81	466.86	0.35		0.00	36.64		0.00	36.59	3,505.27	65,250.56	68,755.83	12.41	1.30	69,417.97

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	92.96					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	233.36					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	7.37	0.00	0.40	0.00		0.00	5.09		0.00	5.04	0.00	72,933.62	72,933.62	1.40	1.34	73,377.48
Landscaping	4.42	2.39	199.25	0.01		0.00	1.04		0.00	1.04	0.00	295.94	295.94	0.23	0.00	300.71
Total	338.11	2.39	199.65	0.01		0.00	6.13		0.00	6.08	0.00	73,229.56	73,229.56	1.63	1.34	73,678.19

7.0 Water Detail

7.1 Mitigation Measures Water

Use Reclaimed Water

Use Grey Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Turf Reduction

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr				MT/yr			
Mitigated					99,672.87	745.80	20.09	121,562.22
Unmitigated					130,359.99	993.77	26.73	159,515.28
Total	NA	NA	NA	NA	NA	NA	NA	NA

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
Apartments Mid Rise	1371.88 / 864.883					8,006.23	42.24	1.18	9,257.64
General Light Industry	28680.9 / 0					108,948.48	880.38	23.57	134,744.71
General Office Building	723.195 / 443.249					4,179.55	22.26	0.62	4,838.98
Regional Shopping Center	725.317 / 444.549					4,191.81	22.33	0.62	4,853.18
Single Family Housing	862.574 / 543.797					5,033.93	26.56	0.74	5,820.76
Total						130,360.00	993.77	26.73	159,515.27

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
Apartments Mid Rise	1029.44 / 864.883					6,705.42	31.73	0.89	7,648.84
General Light Industry	21521.8 / 0					81,753.51	660.63	17.69	101,110.66
General Office Building	542.676 / 443.249					3,493.82	16.72	0.47	3,990.89
Regional Shopping Center	544.268 / 444.549					3,504.07	16.77	0.47	4,002.60
Single Family Housing	647.264 / 543.797					4,216.04	19.95	0.56	4,809.22
Total						99,672.86	745.80	20.08	121,562.21

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
	tons/yr				MT/yr			
Mitigated					19,391.23	1,145.99	0.00	43,456.99
Unmitigated					77,564.91	4,583.96	0.00	173,827.97
Total	NA	NA	NA	NA	NA	NA	NA	NA

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
Apartments Mid Rise	9685.76					1,966.12	116.19	0.00	4,406.21
General Light Industry	339361					68,887.20	4,071.12	0.00	154,380.66
General Office Building	3784.15					768.15	45.40	0.00	1,721.47
Regional Shopping Center	10281.6					2,087.07	123.34	0.00	4,677.25
Single Family Housing	18997.8					3,856.37	227.91	0.00	8,642.38
Total						77,564.91	4,583.96	0.00	173,827.97

8.2 Waste by Land Use

Mitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
Apartments Mid Rise	2421.44					491.53	29.05	0.00	1,101.55
General Light Industry	84840.2					17,221.80	1,017.78	0.00	38,595.16
General Office Building	946.038					192.04	11.35	0.00	430.37
Regional Shopping Center	2570.4					521.77	30.84	0.00	1,169.31
Single Family Housing	4749.44					964.09	56.98	0.00	2,160.60
Total						19,391.23	1,146.00	0.00	43,456.99

9.0 Vegetation

**Coachella General Plan Update
Riverside-Salton Sea County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
General Office Building	4068.98	1000sqft
General Light Industry	5833.08	1000sqft
Apartments Mid Rise	21056	Dwelling Unit
Single Family Housing	13239	Dwelling Unit
Regional Shopping Center	9791.98	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.4	Utility Company	Southern California Edison
Climate Zone	15	Precipitation Freq (Days)	28		

1.3 User Entered Comments

Project Characteristics -
 Land Use - Consistent with Table 1 in Section 3.0, Project, in Draft EIR
 Construction Phase - Buildout through the year 2035

Grading - Total acres for buildout through 2035

Construction Off-road Equipment Mitigation -

Energy Mitigation - Table 22: Climate Ready Development Standards

Mobile Land Use Mitigation -

Area Mitigation -

Water Mitigation -

Mobile Commute Mitigation -

Waste Mitigation -

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					
2014	9.48	74.98	44.26	0.08	18.34	3.62	21.96	9.94	3.62	13.56	0.00	8,225.31	0.00	0.85	0.00	8,243.15
2015	10.68	83.34	50.25	0.10	24.47	3.81	28.28	9.94	3.81	13.24	0.00	11,103.40	0.00	0.95	0.00	11,123.40
2016	209.72	1,062.01	1,989.78	5.44	475.82	40.85	516.68	20.33	40.85	61.18	0.00	518,208.81	0.00	17.67	0.00	518,579.95
2017	195.34	980.63	1,843.21	5.44	475.82	38.15	513.98	20.33	38.15	58.48	0.00	511,095.97	0.00	16.49	0.00	511,442.18
2018	182.38	909.89	1,711.24	5.44	475.82	35.85	511.67	7.19	33.16	40.36	0.00	504,419.26	0.00	15.43	0.00	504,743.23
2019	172.03	849.47	1,601.86	5.44	475.82	33.89	509.72	7.19	31.36	38.55	0.00	498,292.51	0.00	14.49	0.00	498,596.87
2020	162.98	797.30	1,503.93	5.44	475.82	32.16	507.98	7.19	29.76	36.95	0.00	492,663.96	0.00	13.58	0.00	492,949.09

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	156.40	749.37	1,436.74	5.44	475.82	30.96	506.78	7.19	28.60	35.79	0.00	490,277.03	0.00	13.12	0.00	490,552.53
2022	149.59	712.85	1,362.08	5.44	475.82	29.81	505.63	7.19	27.53	34.72	0.00	485,622.09	0.00	12.50	0.00	485,884.66
2023	143.41	682.23	1,295.51	5.44	475.82	28.93	504.76	7.19	26.71	33.91	0.00	481,366.99	0.00	11.91	0.00	481,617.17
2024	139.27	655.28	1,257.94	5.45	475.82	28.68	504.50	7.19	26.52	33.71	0.00	483,936.81	0.00	11.85	0.00	484,185.66
2025	134.31	633.15	1,207.74	5.45	475.82	28.01	503.84	7.19	25.90	33.09	0.00	480,394.05	0.00	11.37	0.00	480,632.80
2026	134.31	633.15	1,207.74	5.45	475.82	28.01	503.84	7.19	25.90	33.09	0.00	480,394.05	0.00	11.37	0.00	480,632.80
2027	134.31	633.15	1,207.74	5.45	475.82	28.01	503.84	7.19	25.90	33.09	0.00	480,394.05	0.00	11.37	0.00	480,632.80
2028	134.31	633.15	1,207.74	5.45	475.82	28.01	503.84	7.19	25.90	33.09	0.00	480,394.05	0.00	11.37	0.00	480,632.80
2029	134.31	633.15	1,207.74	5.45	475.82	28.01	503.84	7.19	25.90	33.09	0.00	480,394.05	0.00	11.37	0.00	480,632.80
2030	115.38	564.29	1,038.67	5.45	475.82	26.05	501.87	7.19	24.08	31.28	0.00	468,063.17	0.00	9.95	0.00	468,272.19
2031	115.38	564.29	1,038.67	5.45	475.82	26.05	501.87	7.19	24.08	31.28	0.00	468,063.17	0.00	9.95	0.00	468,272.19
2032	115.38	564.29	1,038.67	5.45	475.82	26.05	501.87	7.19	24.08	31.28	0.00	468,063.17	0.00	9.95	0.00	468,272.19
2033	4,240.41	11.72	149.76	0.72	82.30	2.63	84.92	1.11	2.44	3.55	0.00	54,605.38	0.00	1.61	0.00	54,639.20
2034	4,240.41	10.32	149.76	0.72	82.30	2.63	84.92	1.11	2.44	3.55	0.00	54,605.38	0.00	1.61	0.00	54,639.20
2035	4,238.38	8.72	136.45	0.73	82.30	2.74	85.03	1.11	2.53	3.64	0.00	54,225.85	0.00	1.51	0.00	54,257.53
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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					
2014	2.16	4.32	38.74	0.08	7.32	0.22	7.54	3.88	0.22	4.10	0.00	8,225.31	0.00	0.85	0.00	8,243.15
2015	2.83	5.83	52.77	0.10	9.73	0.30	10.03	3.88	0.30	4.10	0.00	11,103.40	0.00	0.95	0.00	11,123.40
2016	206.95	1,038.61	1,991.37	5.44	475.82	39.38	515.20	20.33	39.38	59.71	0.00	518,208.81	0.00	17.67	0.00	518,579.95
2017	192.90	959.66	1,844.95	5.44	475.82	36.88	512.70	20.33	36.88	57.21	0.00	511,095.97	0.00	16.49	0.00	511,442.18
2018	180.25	891.23	1,713.13	5.44	475.82	34.75	510.58	7.19	32.07	39.26	0.00	504,419.26	0.00	15.43	0.00	504,743.23
2019	170.20	832.85	1,603.88	5.44	475.82	32.98	508.80	7.19	30.44	37.63	0.00	498,292.51	0.00	14.49	0.00	498,596.87
2020	161.40	782.54	1,506.07	5.44	475.82	31.39	507.21	7.19	28.99	36.18	0.00	492,663.96	0.00	13.58	0.00	492,949.09
2021	155.05	736.41	1,439.03	5.44	475.82	30.33	506.16	7.19	27.97	35.16	0.00	490,277.03	0.00	13.12	0.00	490,552.53
2022	148.42	701.40	1,364.43	5.44	475.82	29.29	505.12	7.19	27.02	34.21	0.00	485,622.09	0.00	12.50	0.00	485,884.66
2023	142.40	672.12	1,297.91	5.44	475.82	28.52	504.35	7.19	26.30	33.49	0.00	481,366.99	0.00	11.91	0.00	481,617.17
2024	138.38	646.34	1,260.38	5.45	475.82	28.34	504.17	7.19	26.19	33.38	0.00	483,936.81	0.00	11.85	0.00	484,185.66
2025	133.54	625.22	1,210.20	5.45	475.82	27.74	503.57	7.19	25.63	32.82	0.00	480,394.05	0.00	11.37	0.00	480,632.80
2026	133.54	625.22	1,210.20	5.45	475.82	27.74	503.57	7.19	25.63	32.82	0.00	480,394.05	0.00	11.37	0.00	480,632.80
2027	133.54	625.22	1,210.20	5.45	475.82	27.74	503.57	7.19	25.63	32.82	0.00	480,394.05	0.00	11.37	0.00	480,632.80
2028	133.54	625.22	1,210.20	5.45	475.82	27.74	503.57	7.19	25.63	32.82	0.00	480,394.05	0.00	11.37	0.00	480,632.80
2029	133.54	625.22	1,210.20	5.45	475.82	27.74	503.57	7.19	25.63	32.82	0.00	480,394.05	0.00	11.37	0.00	480,632.80
2030	114.94	559.36	1,041.23	5.45	475.82	25.98	501.80	7.19	24.01	31.20	0.00	468,063.17	0.00	9.95	0.00	468,272.19
2031	114.94	559.36	1,041.23	5.45	475.82	25.98	501.80	7.19	24.01	31.20	0.00	468,063.17	0.00	9.95	0.00	468,272.19
2032	114.94	559.36	1,041.23	5.45	475.82	25.98	501.80	7.19	24.01	31.20	0.00	468,063.17	0.00	9.95	0.00	468,272.19

	ROG	NOx	CO	SO2	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					
2033	4,240.36	9.61	149.80	0.72	82.30	2.61	84.91	1.11	2.43	3.54	0.00	54,605.38	0.00	1.61	0.00	54,639.20
2034	4,240.36	9.61	149.80	0.72	82.30	2.61	84.91	1.11	2.43	3.54	0.00	54,605.38	0.00	1.61	0.00	54,639.20
2035	4,238.35	8.11	136.49	0.73	82.30	2.73	85.03	1.11	2.53	3.64	0.00	54,225.85	0.00	1.51	0.00	54,257.53
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	3,050.59	84.36	6,288.84	8.51		0.00	580.78		0.00	580.39	72,551.33	586,154.22		304.96	11.61	668,708.37
Energy	32.19	278.78	144.43	1.76		0.00	22.24		0.00	22.24		351,123.93		6.73	6.44	353,260.81
Mobile	5,432.72	27,669.16	44,749.67	89.40	8,355.35	1,010.33	9,365.69	333.90	1,010.33	1,344.24		9,977,847.38		307.66		9,984,308.33
Total	8,515.50	28,032.30	51,182.94	99.67	8,355.35	1,010.33	9,968.71	333.90	1,010.33	1,946.87	72,551.33	10,915,125.53		619.35	18.05	11,006,277.51

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	lb/day										lb/day					
Area	1,897.17	26.58	2,219.60	0.10		0.00	52.92		0.00	52.48	0.00	657,250.69		15.31	11.98	661,287.05
Energy	28.35	245.66	128.19	1.55		0.00	19.59		0.00	19.59		309,241.72		5.93	5.67	311,123.71
Mobile	3,753.02	18,061.80	26,096.61	45.47	4,070.38	527.36	4,597.73	162.66	527.36	690.02		5,162,866.26		176.10		5,166,564.33
Total	5,678.54	18,334.04	28,444.40	47.12	4,070.38	527.36	4,670.24	162.66	527.36	762.09	0.00	6,129,358.67		197.34	17.65	6,138,975.09

3.0 Construction Detail

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

3.2 Demolition - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	8.39	66.18	41.03	0.07		3.21	3.21		3.21	3.21		7,510.81		0.75		7,526.57
Total	8.39	66.18	41.03	0.07		3.21	3.21		3.21	3.21		7,510.81		0.75		7,526.57

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.09	0.08	1.00	0.00	0.23	0.01	0.24	0.01	0.01	0.01		189.68		0.01		189.87
Total	0.09	0.08	1.00	0.00	0.23	0.01	0.24	0.01	0.01	0.01		189.68		0.01		189.87

3.2 Demolition - 2014

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.88	3.96	37.73	0.07		0.20	0.20		0.20	0.20	0.00	7,510.81		0.75		7,526.57
Total	1.88	3.96	37.73	0.07		0.20	0.20		0.20	0.20	0.00	7,510.81		0.75		7,526.57

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.09	0.08	1.00	0.00	0.23	0.01	0.24	0.01	0.01	0.01		189.68		0.01		189.87
Total	0.09	0.08	1.00	0.00	0.23	0.01	0.24	0.01	0.01	0.01		189.68		0.01		189.87

3.3 Site Preparation - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.07	0.00	18.07	9.93	0.00	9.93						0.00
Off-Road	9.37	74.88	43.05	0.07		3.61	3.61		3.61	3.61		7,997.69		0.84		8,015.31
Total	9.37	74.88	43.05	0.07	18.07	3.61	21.68	9.93	3.61	13.54		7,997.69		0.84		8,015.31

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.11	0.10	1.20	0.00	0.28	0.01	0.28	0.01	0.01	0.02		227.62		0.01		227.85
Total	0.11	0.10	1.20	0.00	0.28	0.01	0.28	0.01	0.01	0.02		227.62		0.01		227.85

3.3 Site Preparation - 2014

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.05	0.00	7.05	3.87	0.00	3.87						0.00
Off-Road	2.06	4.22	35.32	0.07		0.21	0.21		0.21	0.21	0.00	7,997.69		0.84		8,015.31
Total	2.06	4.22	35.32	0.07	7.05	0.21	7.26	3.87	0.21	4.08	0.00	7,997.69		0.84		8,015.31

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.11	0.10	1.20	0.00	0.28	0.01	0.28	0.01	0.01	0.02		227.62		0.01		227.85
Total	0.11	0.10	1.20	0.00	0.28	0.01	0.28	0.01	0.01	0.02		227.62		0.01		227.85

3.3 Site Preparation - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.07	0.00	18.07	9.93	0.00	9.93						0.00
Off-Road	8.85	69.73	40.95	0.07		3.29	3.29		3.29	3.29		7,997.69		0.79		8,014.30
Total	8.85	69.73	40.95	0.07	18.07	3.29	21.36	9.93	3.29	13.22		7,997.69		0.79		8,014.30

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.10	0.09	1.10	0.00	0.28	0.01	0.28	0.01	0.01	0.02		222.07		0.01		222.28
Total	0.10	0.09	1.10	0.00	0.28	0.01	0.28	0.01	0.01	0.02		222.07		0.01		222.28

3.3 Site Preparation - 2015

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					7.05	0.00	7.05	3.87	0.00	3.87							0.00
Off-Road	2.06	4.22	35.32	0.07		0.21	0.21		0.21	0.21	0.00	7,997.69		0.79			8,014.30
Total	2.06	4.22	35.32	0.07	7.05	0.21	7.26	3.87	0.21	4.08	0.00	7,997.69		0.79			8,014.30

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	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
Vendor	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
Worker	0.10	0.09	1.10	0.00	0.28	0.01	0.28	0.01	0.01	0.02		222.07		0.01			222.28
Total	0.10	0.09	1.10	0.00	0.28	0.01	0.28	0.01	0.01	0.02		222.07		0.01			222.28

3.4 Grading - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					24.17	0.00	24.17	3.31	0.00	3.31						0.00
Off-Road	10.57	83.24	49.03	0.10		3.80	3.80		3.80	3.80		10,856.65		0.94		10,876.42
Total	10.57	83.24	49.03	0.10	24.17	3.80	27.97	3.31	3.80	7.11		10,856.65		0.94		10,876.42

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.11	0.10	1.22	0.00	0.31	0.01	0.32	0.01	0.01	0.02		246.74		0.01		246.98
Total	0.11	0.10	1.22	0.00	0.31	0.01	0.32	0.01	0.01	0.02		246.74		0.01		246.98

3.4 Grading - 2015

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.43	0.00	9.43	1.29	0.00	1.29						0.00
Off-Road	2.72	5.73	51.55	0.10		0.29	0.29		0.29	0.29	0.00	10,856.65		0.94		10,876.42
Total	2.72	5.73	51.55	0.10	9.43	0.29	9.72	1.29	0.29	1.58	0.00	10,856.65		0.94		10,876.42

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.11	0.10	1.22	0.00	0.31	0.01	0.32	0.01	0.01	0.02		246.74		0.01		246.98
Total	0.11	0.10	1.22	0.00	0.31	0.01	0.32	0.01	0.01	0.02		246.74		0.01		246.98

3.4 Grading - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					24.17	0.00	24.17	3.31	0.00	3.31						0.00
Off-Road	9.95	76.30	47.43	0.10		3.43	3.43		3.43	3.43		10,856.65		0.89		10,875.33
Total	9.95	76.30	47.43	0.10	24.17	3.43	27.60	3.31	3.43	6.74		10,856.65		0.89		10,875.33

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.10	0.09	1.14	0.00	0.31	0.01	0.32	0.01	0.01	0.02		241.26		0.01		241.48
Total	0.10	0.09	1.14	0.00	0.31	0.01	0.32	0.01	0.01	0.02		241.26		0.01		241.48

3.4 Grading - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.43	0.00	9.43	1.29	0.00	1.29						0.00
Off-Road	2.72	5.73	51.55	0.10		0.29	0.29		0.29	0.29	0.00	10,856.65		0.89		10,875.33
Total	2.72	5.73	51.55	0.10	9.43	0.29	9.72	1.29	0.29	1.58	0.00	10,856.65		0.89		10,875.33

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.10	0.09	1.14	0.00	0.31	0.01	0.32	0.01	0.01	0.02		241.26		0.01		241.48
Total	0.10	0.09	1.14	0.00	0.31	0.01	0.32	0.01	0.01	0.02		241.26		0.01		241.48

3.5 Building Construction - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.99	26.52	22.80	0.04		1.58	1.58		1.58	1.58		4,040.61		0.36		4,048.10
Total	3.99	26.52	22.80	0.04		1.58	1.58		1.58	1.58		4,040.61		0.36		4,048.10

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	67.29	912.15	432.67	1.82	64.31	27.53	91.83	4.96	27.53	32.48		190,734.43		3.26		190,802.87
Worker	138.44	123.34	1,534.32	3.57	411.52	11.74	423.26	15.38	11.74	27.12		323,433.77		14.06		323,728.98
Total	205.73	1,035.49	1,966.99	5.39	475.83	39.27	515.09	20.34	39.27	59.60		514,168.20		17.32		514,531.85

3.5 Building Construction - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.36		4,048.10
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.36		4,048.10

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	67.29	912.15	432.67	1.82	64.31	27.53	91.83	4.96	27.53	32.48		190,734.43		3.26		190,802.87
Worker	138.44	123.34	1,534.32	3.57	411.52	11.74	423.26	15.38	11.74	27.12		323,433.77		14.06		323,728.98
Total	205.73	1,035.49	1,966.99	5.39	475.83	39.27	515.09	20.34	39.27	59.60		514,168.20		17.32		514,531.85

3.5 Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.66	24.08	22.64	0.04		1.39	1.39		1.39	1.39		4,040.61		0.33		4,047.45
Total	3.66	24.08	22.64	0.04		1.39	1.39		1.39	1.39		4,040.61		0.33		4,047.45

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	61.93	844.11	405.54	1.82	64.31	24.95	89.26	4.96	24.95	29.91		190,774.04		2.99		190,836.90
Worker	129.75	112.43	1,415.03	3.57	411.52	11.82	423.33	15.38	11.82	27.19		316,281.31		13.17		316,557.82
Total	191.68	956.54	1,820.57	5.39	475.83	36.77	512.59	20.34	36.77	57.10		507,055.35		16.16		507,394.72

3.5 Building Construction - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.33		4,047.45
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.33		4,047.45

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	61.93	844.11	405.54	1.82	64.31	24.95	89.26	4.96	24.95	29.91		190,774.04		2.99		190,836.90
Worker	129.75	112.43	1,415.03	3.57	411.52	11.82	423.33	15.38	11.82	27.19		316,281.31		13.17		316,557.82
Total	191.68	956.54	1,820.57	5.39	475.83	36.77	512.59	20.34	36.77	57.10		507,055.35		16.16		507,394.72

3.5 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.34	21.78	22.50	0.04		1.20	1.20		1.20	1.20		4,040.62		0.30		4,046.87
Total	3.34	21.78	22.50	0.04		1.20	1.20		1.20	1.20		4,040.62		0.30		4,046.87

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	57.28	785.60	383.03	1.82	64.31	22.75	87.06	1.64	20.93	22.57		190,806.09		2.77		190,864.29
Worker	121.75	102.51	1,305.72	3.57	411.52	11.90	423.41	5.55	11.04	16.59		309,572.55		12.36		309,832.08
Total	179.03	888.11	1,688.75	5.39	475.83	34.65	510.47	7.19	31.97	39.16		500,378.64		15.13		500,696.37

3.5 Building Construction - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.30		4,046.87
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.30		4,046.87

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	57.28	785.60	383.03	1.82	64.31	22.75	87.06	1.64	20.93	22.57		190,806.09		2.77		190,864.29
Worker	121.75	102.51	1,305.72	3.57	411.52	11.90	423.41	5.55	11.04	16.59		309,572.55		12.36		309,832.08
Total	179.03	888.11	1,688.75	5.39	475.83	34.65	510.47	7.19	31.97	39.16		500,378.64		15.13		500,696.37

3.5 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.05	19.73	22.36	0.04		1.03	1.03		1.03	1.03		4,040.62		0.27		4,046.36
Total	3.05	19.73	22.36	0.04		1.03	1.03		1.03	1.03		4,040.62		0.27		4,046.36

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	53.52	735.69	364.50	1.82	64.31	20.90	85.20	1.64	19.22	20.86		190,839.92		2.58		190,894.19
Worker	115.47	94.04	1,215.00	3.57	411.52	11.97	423.49	5.55	11.11	16.66		303,411.97		11.64		303,656.32
Total	168.99	829.73	1,579.50	5.39	475.83	32.87	508.69	7.19	30.33	37.52		494,251.89		14.22		494,550.51

3.5 Building Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.27		4,046.36
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.27		4,046.36

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	53.52	735.69	364.50	1.82	64.31	20.90	85.20	1.64	19.22	20.86		190,839.92		2.58		190,894.19
Worker	115.47	94.04	1,215.00	3.57	411.52	11.97	423.49	5.55	11.11	16.66		303,411.97		11.64		303,656.32
Total	168.99	829.73	1,579.50	5.39	475.83	32.87	508.69	7.19	30.33	37.52		494,251.89		14.22		494,550.51

3.5 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.80	17.88	22.24	0.04		0.88	0.88		0.88	0.88		4,040.62		0.25		4,045.85
Total	2.80	17.88	22.24	0.04		0.88	0.88		0.88	0.88		4,040.62		0.25		4,045.85

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	50.22	692.85	346.87	1.82	64.31	19.31	83.61	1.64	17.77	19.41		190,867.43		2.41		190,918.01
Worker	109.96	86.57	1,134.82	3.57	411.52	11.97	423.49	5.55	11.11	16.66		297,755.91		10.92		297,985.22
Total	160.18	779.42	1,481.69	5.39	475.83	31.28	507.10	7.19	28.88	36.07		488,623.34		13.33		488,903.23

3.5 Building Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.25		4,045.85
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.25		4,045.85

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	50.22	692.85	346.87	1.82	64.31	19.31	83.61	1.64	17.77	19.41		190,867.43		2.41		190,918.01
Worker	109.96	86.57	1,134.82	3.57	411.52	11.97	423.49	5.55	11.11	16.66		297,755.91		10.92		297,985.22
Total	160.18	779.42	1,481.69	5.39	475.83	31.28	507.10	7.19	28.88	36.07		488,623.34		13.33		488,903.23

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.56	16.08	22.10	0.04		0.74	0.74		0.74	0.74		4,040.61		0.23		4,045.38
Total	2.56	16.08	22.10	0.04		0.74	0.74		0.74	0.74		4,040.61		0.23		4,045.38

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	48.02	652.89	332.06	1.82	64.31	17.87	82.18	1.64	16.44	18.09		191,343.18		2.31		191,391.64
Worker	105.82	80.40	1,082.58	3.57	411.52	12.35	423.87	5.55	11.42	16.97		294,893.24		10.58		295,115.51
Total	153.84	733.29	1,414.64	5.39	475.83	30.22	506.05	7.19	27.86	35.06		486,236.42		12.89		486,507.15

3.5 Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.23		4,045.38
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.23		4,045.38

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	48.02	652.89	332.06	1.82	64.31	17.87	82.18	1.64	16.44	18.09		191,343.18		2.31		191,391.64
Worker	105.82	80.40	1,082.58	3.57	411.52	12.35	423.87	5.55	11.42	16.97		294,893.24		10.58		295,115.51
Total	153.84	733.29	1,414.64	5.39	475.83	30.22	506.05	7.19	27.86	35.06		486,236.42		12.89		486,507.15

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.38	14.57	22.04	0.04		0.62	0.62		0.62	0.62		4,040.61		0.21		4,045.05
Total	2.38	14.57	22.04	0.04		0.62	0.62		0.62	0.62		4,040.61		0.21		4,045.05

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	45.81	623.67	320.61	1.82	64.31	16.84	81.14	1.64	15.50	17.14		191,375.52		2.19		191,421.58
Worker	101.39	74.61	1,019.43	3.57	411.52	12.35	423.86	5.55	11.41	16.96		290,205.96		10.10		290,418.04
Total	147.20	698.28	1,340.04	5.39	475.83	29.19	505.00	7.19	26.91	34.10		481,581.48		12.29		481,839.62

3.5 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.21		4,045.05
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.21		4,045.05

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	45.81	623.67	320.61	1.82	64.31	16.84	81.14	1.64	15.50	17.14		191,375.52		2.19		191,421.58
Worker	101.39	74.61	1,019.43	3.57	411.52	12.35	423.86	5.55	11.41	16.96		290,205.96		10.10		290,418.04
Total	147.20	698.28	1,340.04	5.39	475.83	29.19	505.00	7.19	26.91	34.10		481,581.48		12.29		481,839.62

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.23	13.23	21.99	0.04		0.52	0.52		0.52	0.52		4,040.61		0.20		4,044.79
Total	2.23	13.23	21.99	0.04		0.52	0.52		0.52	0.52		4,040.61		0.20		4,044.79

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	44.02	599.57	311.29	1.82	64.31	15.99	80.29	1.64	14.71	16.35		191,406.99		2.09		191,450.98
Worker	97.16	69.44	962.24	3.57	411.52	12.43	423.95	5.55	11.49	17.04		285,919.39		9.62		286,121.39
Total	141.18	669.01	1,273.53	5.39	475.83	28.42	504.24	7.19	26.20	33.39		477,326.38		11.71		477,572.37

3.5 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.20		4,044.79
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.20		4,044.79

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	44.02	599.57	311.29	1.82	64.31	15.99	80.29	1.64	14.71	16.35		191,406.99		2.09		191,450.98
Worker	97.16	69.44	962.24	3.57	411.52	12.43	423.95	5.55	11.49	17.04		285,919.39		9.62		286,121.39
Total	141.18	669.01	1,273.53	5.39	475.83	28.42	504.24	7.19	26.20	33.39		477,326.38		11.71		477,572.37

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.11	12.06	21.95	0.04		0.45	0.45		0.45	0.45		4,040.62		0.19		4,044.56
Total	2.11	12.06	21.95	0.04		0.45	0.45		0.45	0.45		4,040.62		0.19		4,044.56

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	43.36	577.77	304.87	1.83	64.31	15.28	79.59	1.64	14.07	15.71		192,320.86		2.07		192,364.27
Worker	93.80	65.45	931.12	3.57	411.52	12.95	424.47	5.55	12.01	17.56		287,575.33		9.60		287,776.84
Total	137.16	643.22	1,235.99	5.40	475.83	28.23	504.06	7.19	26.08	33.27		479,896.19		11.67		480,141.11

3.5 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.19		4,044.56
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.19		4,044.56

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	43.36	577.77	304.87	1.83	64.31	15.28	79.59	1.64	14.07	15.71		192,320.86		2.07		192,364.27
Worker	93.80	65.45	931.12	3.57	411.52	12.95	424.47	5.55	12.01	17.56		287,575.33		9.60		287,776.84
Total	137.16	643.22	1,235.99	5.40	475.83	28.23	504.06	7.19	26.08	33.27		479,896.19		11.67		480,141.11

3.5 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.99	11.04	21.92	0.04		0.38	0.38		0.38	0.38		4,040.62		0.17		4,044.28
Total	1.99	11.04	21.92	0.04		0.38	0.38		0.38	0.38		4,040.62		0.17		4,044.28

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	42.20	560.73	298.44	1.84	64.31	14.68	78.99	1.64	13.50	15.14		192,332.65		2.00		192,374.59
Worker	90.12	61.38	887.37	3.57	411.52	12.95	424.47	5.55	12.02	17.57		284,020.79		9.20		284,213.92
Total	132.32	622.11	1,185.81	5.41	475.83	27.63	503.46	7.19	25.52	32.71		476,353.44		11.20		476,588.51

3.5 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.17		4,044.28
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.17		4,044.28

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	42.20	560.73	298.44	1.84	64.31	14.68	78.99	1.64	13.50	15.14		192,332.65		2.00		192,374.59
Worker	90.12	61.38	887.37	3.57	411.52	12.95	424.47	5.55	12.02	17.57		284,020.79		9.20		284,213.92
Total	132.32	622.11	1,185.81	5.41	475.83	27.63	503.46	7.19	25.52	32.71		476,353.44		11.20		476,588.51

3.5 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.99	11.04	21.92	0.04		0.38	0.38		0.38	0.38		4,040.62		0.17		4,044.28
Total	1.99	11.04	21.92	0.04		0.38	0.38		0.38	0.38		4,040.62		0.17		4,044.28

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	42.20	560.73	298.44	1.84	64.31	14.68	78.99	1.64	13.50	15.14		192,332.65		2.00		192,374.59
Worker	90.12	61.38	887.37	3.57	411.52	12.95	424.47	5.55	12.02	17.57		284,020.79		9.20		284,213.92
Total	132.32	622.11	1,185.81	5.41	475.83	27.63	503.46	7.19	25.52	32.71		476,353.44		11.20		476,588.51

3.5 Building Construction - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.17		4,044.28
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.17		4,044.28

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	42.20	560.73	298.44	1.84	64.31	14.68	78.99	1.64	13.50	15.14		192,332.65		2.00		192,374.59
Worker	90.12	61.38	887.37	3.57	411.52	12.95	424.47	5.55	12.02	17.57		284,020.79		9.20		284,213.92
Total	132.32	622.11	1,185.81	5.41	475.83	27.63	503.46	7.19	25.52	32.71		476,353.44		11.20		476,588.51

3.5 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.99	11.04	21.92	0.04		0.38	0.38		0.38	0.38		4,040.62		0.17		4,044.28
Total	1.99	11.04	21.92	0.04		0.38	0.38		0.38	0.38		4,040.62		0.17		4,044.28

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	42.20	560.73	298.44	1.84	64.31	14.68	78.99	1.64	13.50	15.14		192,332.65		2.00		192,374.59
Worker	90.12	61.38	887.37	3.57	411.52	12.95	424.47	5.55	12.02	17.57		284,020.79		9.20		284,213.92
Total	132.32	622.11	1,185.81	5.41	475.83	27.63	503.46	7.19	25.52	32.71		476,353.44		11.20		476,588.51

3.5 Building Construction - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.17		4,044.28
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.17		4,044.28

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	42.20	560.73	298.44	1.84	64.31	14.68	78.99	1.64	13.50	15.14		192,332.65		2.00		192,374.59
Worker	90.12	61.38	887.37	3.57	411.52	12.95	424.47	5.55	12.02	17.57		284,020.79		9.20		284,213.92
Total	132.32	622.11	1,185.81	5.41	475.83	27.63	503.46	7.19	25.52	32.71		476,353.44		11.20		476,588.51

3.5 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.99	11.04	21.92	0.04		0.38	0.38		0.38	0.38		4,040.62		0.17		4,044.28
Total	1.99	11.04	21.92	0.04		0.38	0.38		0.38	0.38		4,040.62		0.17		4,044.28

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	42.20	560.73	298.44	1.84	64.31	14.68	78.99	1.64	13.50	15.14		192,332.65		2.00		192,374.59
Worker	90.12	61.38	887.37	3.57	411.52	12.95	424.47	5.55	12.02	17.57		284,020.79		9.20		284,213.92
Total	132.32	622.11	1,185.81	5.41	475.83	27.63	503.46	7.19	25.52	32.71		476,353.44		11.20		476,588.51

3.5 Building Construction - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.17		4,044.28
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.17		4,044.28

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	42.20	560.73	298.44	1.84	64.31	14.68	78.99	1.64	13.50	15.14		192,332.65		2.00		192,374.59
Worker	90.12	61.38	887.37	3.57	411.52	12.95	424.47	5.55	12.02	17.57		284,020.79		9.20		284,213.92
Total	132.32	622.11	1,185.81	5.41	475.83	27.63	503.46	7.19	25.52	32.71		476,353.44		11.20		476,588.51

3.5 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.99	11.04	21.92	0.04		0.38	0.38		0.38	0.38		4,040.62		0.17		4,044.28
Total	1.99	11.04	21.92	0.04		0.38	0.38		0.38	0.38		4,040.62		0.17		4,044.28

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	42.20	560.73	298.44	1.84	64.31	14.68	78.99	1.64	13.50	15.14		192,332.65		2.00		192,374.59
Worker	90.12	61.38	887.37	3.57	411.52	12.95	424.47	5.55	12.02	17.57		284,020.79		9.20		284,213.92
Total	132.32	622.11	1,185.81	5.41	475.83	27.63	503.46	7.19	25.52	32.71		476,353.44		11.20		476,588.51

3.5 Building Construction - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.17		4,044.28
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.17		4,044.28

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	42.20	560.73	298.44	1.84	64.31	14.68	78.99	1.64	13.50	15.14		192,332.65		2.00		192,374.59
Worker	90.12	61.38	887.37	3.57	411.52	12.95	424.47	5.55	12.02	17.57		284,020.79		9.20		284,213.92
Total	132.32	622.11	1,185.81	5.41	475.83	27.63	503.46	7.19	25.52	32.71		476,353.44		11.20		476,588.51

3.5 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.66	8.05	21.82	0.04		0.18	0.18		0.18	0.18		4,040.61		0.15		4,043.72
Total	1.66	8.05	21.82	0.04		0.18	0.18		0.18	0.18		4,040.61		0.15		4,043.72

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	38.74	508.94	276.96	1.84	64.31	12.84	77.15	1.64	11.81	13.45		192,381.35		1.81		192,419.36
Worker	74.98	47.31	739.88	3.57	411.52	13.03	424.55	5.55	12.09	17.64		271,641.21		8.00		271,809.11
Total	113.72	556.25	1,016.84	5.41	475.83	25.87	501.70	7.19	23.90	31.09		464,022.56		9.81		464,228.47

3.5 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.15		4,043.72
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.15		4,043.72

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	38.74	508.94	276.96	1.84	64.31	12.84	77.15	1.64	11.81	13.45		192,381.35		1.81		192,419.36
Worker	74.98	47.31	739.88	3.57	411.52	13.03	424.55	5.55	12.09	17.64		271,641.21		8.00		271,809.11
Total	113.72	556.25	1,016.84	5.41	475.83	25.87	501.70	7.19	23.90	31.09		464,022.56		9.81		464,228.47

3.5 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.66	8.05	21.82	0.04		0.18	0.18		0.18	0.18		4,040.61		0.15		4,043.72
Total	1.66	8.05	21.82	0.04		0.18	0.18		0.18	0.18		4,040.61		0.15		4,043.72

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	38.74	508.94	276.96	1.84	64.31	12.84	77.15	1.64	11.81	13.45		192,381.35		1.81		192,419.36
Worker	74.98	47.31	739.88	3.57	411.52	13.03	424.55	5.55	12.09	17.64		271,641.21		8.00		271,809.11
Total	113.72	556.25	1,016.84	5.41	475.83	25.87	501.70	7.19	23.90	31.09		464,022.56		9.81		464,228.47

3.5 Building Construction - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.15		4,043.72
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.15		4,043.72

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	38.74	508.94	276.96	1.84	64.31	12.84	77.15	1.64	11.81	13.45		192,381.35		1.81		192,419.36
Worker	74.98	47.31	739.88	3.57	411.52	13.03	424.55	5.55	12.09	17.64		271,641.21		8.00		271,809.11
Total	113.72	556.25	1,016.84	5.41	475.83	25.87	501.70	7.19	23.90	31.09		464,022.56		9.81		464,228.47

3.5 Building Construction - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.66	8.05	21.82	0.04		0.18	0.18		0.18	0.18		4,040.61		0.15		4,043.72
Total	1.66	8.05	21.82	0.04		0.18	0.18		0.18	0.18		4,040.61		0.15		4,043.72

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	38.74	508.94	276.96	1.84	64.31	12.84	77.15	1.64	11.81	13.45		192,381.35		1.81		192,419.36
Worker	74.98	47.31	739.88	3.57	411.52	13.03	424.55	5.55	12.09	17.64		271,641.21		8.00		271,809.11
Total	113.72	556.25	1,016.84	5.41	475.83	25.87	501.70	7.19	23.90	31.09		464,022.56		9.81		464,228.47

3.5 Building Construction - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.15		4,043.72
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.15		4,043.72

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	38.74	508.94	276.96	1.84	64.31	12.84	77.15	1.64	11.81	13.45		192,381.35		1.81		192,419.36
Worker	74.98	47.31	739.88	3.57	411.52	13.03	424.55	5.55	12.09	17.64		271,641.21		8.00		271,809.11
Total	113.72	556.25	1,016.84	5.41	475.83	25.87	501.70	7.19	23.90	31.09		464,022.56		9.81		464,228.47

3.6 Paving - 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	1.89	11.70	19.20	0.03		0.52	0.52		0.52	0.52		2,917.65		0.17		2,921.18
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	1.89	11.70	19.20	0.03		0.52	0.52		0.52	0.52		2,917.65		0.17		2,921.18

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.04	0.03	0.41	0.00	0.23	0.01	0.24	0.00	0.01	0.01		151.97		0.00		152.06
Total	0.04	0.03	0.41	0.00	0.23	0.01	0.24	0.00	0.01	0.01		151.97		0.00		152.06

3.6 Paving - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.87	1.54	19.00	0.03		0.08	0.08		0.08	0.08	0.00	2,917.65		0.17		2,921.18
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	0.87	1.54	19.00	0.03		0.08	0.08		0.08	0.08	0.00	2,917.65		0.17		2,921.18

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.04	0.03	0.41	0.00	0.23	0.01	0.24	0.00	0.01	0.01		151.97		0.00		152.06
Total	0.04	0.03	0.41	0.00	0.23	0.01	0.24	0.00	0.01	0.01		151.97		0.00		152.06

3.6 Paving - 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	1.89	11.70	19.20	0.03		0.52	0.52		0.52	0.52		2,917.65		0.17		2,921.18
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	1.89	11.70	19.20	0.03		0.52	0.52		0.52	0.52		2,917.65		0.17		2,921.18

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.04	0.03	0.41	0.00	0.23	0.01	0.24	0.00	0.01	0.01		151.97		0.00		152.06
Total	0.04	0.03	0.41	0.00	0.23	0.01	0.24	0.00	0.01	0.01		151.97		0.00		152.06

3.6 Paving - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.87	1.54	19.00	0.03		0.08	0.08		0.08	0.08	0.00	2,917.65		0.17		2,921.18
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	0.87	1.54	19.00	0.03		0.08	0.08		0.08	0.08	0.00	2,917.65		0.17		2,921.18

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.04	0.03	0.41	0.00	0.23	0.01	0.24	0.00	0.01	0.01		151.97		0.00		152.06
Total	0.04	0.03	0.41	0.00	0.23	0.01	0.24	0.00	0.01	0.01		151.97		0.00		152.06

3.7 Architectural Coating - 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					
Archit. Coating	4,225.28					0.00	0.00		0.00	0.00						0.00
Off-Road	0.13	0.86	1.80	0.00		0.02	0.02		0.02	0.02		281.19		0.01		281.43
Total	4,225.41	0.86	1.80	0.00		0.02	0.02		0.02	0.02		281.19		0.01		281.43

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	15.00	9.46	147.97	0.71	82.30	2.61	84.90	1.11	2.42	3.53		54,324.19		1.60		54,357.77
Total	15.00	9.46	147.97	0.71	82.30	2.61	84.90	1.11	2.42	3.53		54,324.19		1.60		54,357.77

3.7 Architectural Coating - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4,225.28					0.00	0.00		0.00	0.00						0.00
Off-Road	0.08	0.15	1.83	0.00		0.01	0.01		0.01	0.01	0.00	281.19		0.01		281.43
Total	4,225.36	0.15	1.83	0.00		0.01	0.01		0.01	0.01	0.00	281.19		0.01		281.43

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	15.00	9.46	147.97	0.71	82.30	2.61	84.90	1.11	2.42	3.53		54,324.19		1.60		54,357.77
Total	15.00	9.46	147.97	0.71	82.30	2.61	84.90	1.11	2.42	3.53		54,324.19		1.60		54,357.77

3.7 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4,225.28					0.00	0.00		0.00	0.00						0.00
Off-Road	0.13	0.86	1.80	0.00		0.02	0.02		0.02	0.02		281.19		0.01		281.43
Total	4,225.41	0.86	1.80	0.00		0.02	0.02		0.02	0.02		281.19		0.01		281.43

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	15.00	9.46	147.97	0.71	82.30	2.61	84.90	1.11	2.42	3.53		54,324.19		1.60		54,357.77
Total	15.00	9.46	147.97	0.71	82.30	2.61	84.90	1.11	2.42	3.53		54,324.19		1.60		54,357.77

3.7 Architectural Coating - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Archit. Coating	4,225.28					0.00	0.00		0.00	0.00							0.00
Off-Road	0.08	0.15	1.83	0.00		0.01	0.01		0.01	0.01	0.00	281.19		0.01			281.43
Total	4,225.36	0.15	1.83	0.00		0.01	0.01		0.01	0.01	0.00	281.19		0.01			281.43

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	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
Vendor	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
Worker	15.00	9.46	147.97	0.71	82.30	2.61	84.90	1.11	2.42	3.53		54,324.19		1.60			54,357.77
Total	15.00	9.46	147.97	0.71	82.30	2.61	84.90	1.11	2.42	3.53		54,324.19		1.60			54,357.77

3.7 Architectural Coating - 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					
Archit. Coating	4,225.28					0.00	0.00		0.00	0.00						0.00
Off-Road	0.12	0.76	1.79	0.00		0.01	0.01		0.01	0.01		281.19		0.01		281.41
Total	4,225.40	0.76	1.79	0.00		0.01	0.01		0.01	0.01		281.19		0.01		281.41

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	12.98	7.97	134.66	0.73	82.30	2.73	85.02	1.11	2.52	3.63		53,944.66		1.50		53,976.12
Total	12.98	7.97	134.66	0.73	82.30	2.73	85.02	1.11	2.52	3.63		53,944.66		1.50		53,976.12

3.7 Architectural Coating - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4,225.28					0.00	0.00		0.00	0.00						0.00
Off-Road	0.08	0.15	1.83	0.00		0.01	0.01		0.01	0.01	0.00	281.19		0.01		281.41
Total	4,225.36	0.15	1.83	0.00		0.01	0.01		0.01	0.01	0.00	281.19		0.01		281.41

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	12.98	7.97	134.66	0.73	82.30	2.73	85.02	1.11	2.52	3.63		53,944.66		1.50		53,976.12
Total	12.98	7.97	134.66	0.73	82.30	2.73	85.02	1.11	2.52	3.63		53,944.66		1.50		53,976.12

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

- Increase Density
- Increase Diversity
- Improve Walkability Design
- Increase Transit Accessibility
- Improve Pedestrian Network
- Provide Traffic Calming Measures
- Unbundle Parking Cost
- Expand Transit Network
- Implement Trip Reduction Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3,753.02	18,061.80	26,096.61	45.47	4,070.38	527.36	4,597.73	162.66	527.36	690.02		5,162,866.26		176.10		5,166,564.33
Unmitigated	5,432.72	27,669.16	44,749.67	89.40	8,355.35	1,010.33	9,365.69	333.90	1,010.33	1,344.24		9,977,847.38		307.66		9,984,308.33
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	138,759.04	150,760.96	127809.92	462,648,241	238,745,683
General Light Industry	40,656.57	7,699.67	3966.49	103,605,660	48,354,039
General Office Building	44,799.47	9,643.48	3987.60	108,409,125	51,045,323
Regional Shopping Center	420,467.62	489,305.24	247149.58	1,063,328,181	499,605,857
Single Family Housing	126,697.23	133,449.12	116106.03	420,147,836	216,813,711
Total	771,379.93	790,858.47	499,019.62	2,158,139,043	1,054,564,613

4.3 Trip Type Information

Land Use	Miles			Trip %		
	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
Apartments Mid Rise	12.70	7.00	9.50	40.20	19.20	40.60
General Light Industry	8.90	13.30	7.40	59.00	28.00	13.00
General Office Building	8.90	13.30	7.40	33.00	48.00	19.00
Regional Shopping Center	8.90	13.30	7.40	16.30	64.70	19.00
Single Family Housing	12.70	7.00	9.50	40.20	19.20	40.60

5.0 Energy Detail

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Percent of Electricity Use Generated with Renewable 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					
Natural Gas Mitigated	28.35	245.66	128.19	1.55		0.00	19.59		0.00	19.59		309,241.72		5.93	5.67	311,123.71
Natural Gas Unmitigated	32.19	278.78	144.43	1.76		0.00	22.24		0.00	22.24		351,123.93		6.73	6.44	353,260.81
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas 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	lb/day										lb/day					
Apartments Mid Rise	879731	9.49	81.07	34.50	0.52		0.00	6.55		0.00	6.55		103,497.79		1.98	1.90	104,127.66
General Light Industry	532008	5.74	52.16	43.81	0.31		0.00	3.96		0.00	3.96		62,589.23		1.20	1.15	62,970.14
General Office Building	40689.8	0.44	3.99	3.35	0.02		0.00	0.30		0.00	0.30		4,787.04		0.09	0.09	4,816.17
Regional Shopping Center	62239.4	0.67	6.10	5.13	0.04		0.00	0.46		0.00	0.46		7,322.29		0.14	0.13	7,366.85
Single Family Housing	1.46988e+006	15.85	135.46	57.64	0.86		0.00	10.95		0.00	10.95		172,927.58		3.31	3.17	173,979.99
Total		32.19	278.78	144.43	1.75		0.00	22.22		0.00	22.22		351,123.93		6.72	6.44	353,260.81

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	lb/day										lb/day					
Apartments Mid Rise	764.868	8.25	70.49	29.99	0.45		0.00	5.70		0.00	5.70		89,984.42		1.72	1.65	90,532.05
General Light Industry	493.27	5.32	48.36	40.62	0.29		0.00	3.68		0.00	3.68		58,031.82		1.11	1.06	58,384.99
General Office Building	34.5863	0.37	3.39	2.85	0.02		0.00	0.26		0.00	0.26		4,068.98		0.08	0.07	4,093.74
Regional Shopping Center	54.1108	0.58	5.30	4.46	0.03		0.00	0.40		0.00	0.40		6,365.97		0.12	0.12	6,404.71
Single Family Housing	1281.72	13.82	118.12	50.26	0.75		0.00	9.55		0.00	9.55		150,790.52		2.89	2.76	151,708.21
Total		28.34	245.66	128.18	1.54		0.00	19.59		0.00	19.59		309,241.71		5.92	5.66	311,123.70

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use only Natural Gas Hearths

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1,897.17	26.58	2,219.60	0.10		0.00	52.92		0.00	52.48	0.00	657,250.69		15.31	11.98	661,287.05
Unmitigated	3,050.59	84.36	6,288.84	8.51		0.00	580.78		0.00	580.39	72,551.33	586,154.22		304.96	11.61	668,708.37
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	509.35					0.00	0.00		0.00	0.00						0.00
Consumer Products	1,382.02					0.00	0.00		0.00	0.00						0.00
Hearth	1,065.90	50.10	3,371.36	8.36		0.00	565.23		0.00	564.84	72,551.33	580,997.65		299.60	11.61	663,439.23
Landscaping	93.33	34.26	2,917.47	0.15		0.00	15.56		0.00	15.56		5,156.57		5.36		5,269.13
Total	3,050.60	84.36	6,288.83	8.51		0.00	580.79		0.00	580.40	72,551.33	586,154.22		304.96	11.61	668,708.36

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	509.35					0.00	0.00		0.00	0.00						0.00
Consumer Products	1,278.69					0.00	0.00		0.00	0.00						0.00
Hearth	59.92	0.00	3.27	0.00		0.00	41.40		0.00	40.96	0.00	653,622.35		12.53	11.98	657,600.19
Landscaping	49.21	26.58	2,216.34	0.10		0.00	11.52		0.00	11.52		3,628.33		2.79		3,686.86
Total	1,897.17	26.58	2,219.61	0.10		0.00	52.92		0.00	52.48	0.00	657,250.68		15.32	11.98	661,287.05

7.0 Water Detail

7.1 Mitigation Measures Water

Use Reclaimed Water

Use Grey Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Turf Reduction

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Vegetation

Grading - Total acres for buildout through 2035

Construction Off-road Equipment Mitigation -

Energy Mitigation - Table 22: Climate Ready Development Standards

Mobile Land Use Mitigation -

Area Mitigation -

Water Mitigation -

Mobile Commute Mitigation -

Waste Mitigation -

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					
2014	9.47	74.98	44.01	0.08	18.34	3.62	21.96	9.94	3.62	13.56	0.00	8,192.17	0.00	0.85	0.00	8,209.99
2015	10.67	83.34	50.00	0.10	24.47	3.81	28.28	9.94	3.81	13.24	0.00	11,067.43	0.00	0.95	0.00	11,087.40
2016	202.13	1,069.51	1,735.91	4.82	475.82	41.57	517.39	20.33	41.57	61.90	0.00	469,065.05	0.00	16.07	0.00	469,402.52
2017	188.46	984.62	1,612.59	4.82	475.82	38.78	514.60	20.33	38.78	59.11	0.00	462,954.75	0.00	14.94	0.00	463,268.40
2018	176.17	910.94	1,501.73	4.82	475.82	36.39	512.22	7.19	33.67	40.86	0.00	457,204.58	0.00	13.93	0.00	457,497.11
2019	166.47	848.02	1,409.88	4.82	475.82	34.37	510.20	7.19	31.80	38.99	0.00	451,920.51	0.00	13.06	0.00	452,194.76
2020	158.06	793.61	1,327.78	4.82	475.82	32.57	508.40	7.19	30.14	37.33	0.00	447,057.52	0.00	12.21	0.00	447,314.02

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	151.88	743.63	1,269.41	4.90	475.82	31.32	507.15	7.19	28.93	36.12	0.00	445,071.65	0.00	11.82	0.00	445,319.77
2022	145.56	705.59	1,206.60	4.90	475.82	30.12	505.95	7.19	27.82	35.01	0.00	441,046.01	0.00	11.19	0.00	441,280.98
2023	139.90	673.77	1,150.83	4.82	475.82	29.21	505.04	7.19	26.97	34.16	0.00	437,359.81	0.00	10.68	0.00	437,584.01
2024	136.12	645.56	1,117.38	4.91	475.82	28.93	504.75	7.19	26.75	33.94	0.00	439,597.15	0.00	10.54	0.00	439,818.42
2025	131.57	622.58	1,075.51	4.91	475.82	28.23	504.06	7.19	26.10	33.29	0.00	436,521.99	0.00	10.20	0.00	436,736.15
2026	131.57	622.58	1,075.51	4.91	475.82	28.23	504.06	7.19	26.10	33.29	0.00	436,521.99	0.00	10.20	0.00	436,736.15
2027	131.57	622.58	1,075.51	4.91	475.82	28.23	504.06	7.19	26.10	33.29	0.00	436,521.99	0.00	10.20	0.00	436,736.15
2028	131.57	622.58	1,075.51	4.91	475.82	28.23	504.06	7.19	26.10	33.29	0.00	436,521.99	0.00	10.20	0.00	436,736.15
2029	131.57	622.58	1,075.51	4.91	475.82	28.23	504.06	7.19	26.10	33.29	0.00	436,521.99	0.00	10.20	0.00	436,736.15
2030	114.53	550.96	934.31	4.91	475.82	26.18	502.01	7.19	24.21	31.40	0.00	425,815.77	0.00	8.83	0.00	426,001.28
2031	114.53	550.96	934.31	4.91	475.82	26.18	502.01	7.19	24.21	31.40	0.00	425,815.77	0.00	8.83	0.00	426,001.28
2032	114.53	550.96	934.31	4.91	475.82	26.18	502.01	7.19	24.21	31.40	0.00	425,815.77	0.00	8.83	0.00	426,001.28
2033	4,239.69	11.72	115.29	0.61	82.30	2.63	84.92	1.11	2.44	3.55	0.00	46,557.35	0.00	1.36	0.00	46,585.93
2034	4,239.69	10.33	115.29	0.61	82.30	2.63	84.92	1.11	2.44	3.55	0.00	46,557.35	0.00	1.36	0.00	46,585.93
2035	4,237.92	8.71	104.32	0.63	82.30	2.74	85.03	1.11	2.53	3.64	0.00	46,238.40	0.00	1.27	0.00	46,265.17
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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					
2014	2.16	4.32	38.53	0.08	7.32	0.22	7.54	3.88	0.22	4.10	0.00	8,192.17	0.00	0.85	0.00	8,209.99
2015	2.82	5.83	52.51	0.10	9.73	0.30	10.03	3.88	0.30	4.10	0.00	11,067.43	0.00	0.95	0.00	11,087.40
2016	199.36	1,046.11	1,737.49	4.82	475.82	40.10	515.92	20.33	40.10	60.43	0.00	469,065.05	0.00	16.07	0.00	469,402.52
2017	186.02	963.65	1,614.33	4.82	475.82	37.50	513.33	20.33	37.50	57.83	0.00	462,954.75	0.00	14.94	0.00	463,268.40
2018	174.04	892.28	1,503.62	4.82	475.82	35.30	511.13	7.19	32.58	39.77	0.00	457,204.58	0.00	13.93	0.00	457,497.11
2019	164.64	831.40	1,411.91	4.82	475.82	33.45	509.28	7.19	30.88	38.07	0.00	451,920.51	0.00	13.06	0.00	452,194.76
2020	156.48	778.85	1,329.92	4.82	475.82	31.81	507.63	7.19	29.37	36.56	0.00	447,057.52	0.00	12.21	0.00	447,314.02
2021	150.54	730.67	1,271.70	4.90	475.82	30.70	506.52	7.19	28.30	35.50	0.00	445,071.65	0.00	11.82	0.00	445,319.77
2022	144.40	694.14	1,208.95	4.90	475.82	29.61	505.43	7.19	27.31	34.50	0.00	441,046.01	0.00	11.19	0.00	441,280.98
2023	138.89	663.67	1,153.23	4.82	475.82	28.80	504.63	7.19	26.56	33.75	0.00	437,359.81	0.00	10.68	0.00	437,584.01
2024	135.23	636.62	1,119.81	4.91	475.82	28.59	504.41	7.19	26.41	33.60	0.00	439,597.15	0.00	10.54	0.00	439,818.42
2025	130.79	614.66	1,077.97	4.91	475.82	27.96	503.78	7.19	25.83	33.02	0.00	436,521.99	0.00	10.20	0.00	436,736.15
2026	130.79	614.66	1,077.97	4.91	475.82	27.96	503.78	7.19	25.83	33.02	0.00	436,521.99	0.00	10.20	0.00	436,736.15
2027	130.79	614.66	1,077.97	4.91	475.82	27.96	503.78	7.19	25.83	33.02	0.00	436,521.99	0.00	10.20	0.00	436,736.15
2028	130.79	614.66	1,077.97	4.91	475.82	27.96	503.78	7.19	25.83	33.02	0.00	436,521.99	0.00	10.20	0.00	436,736.15
2029	130.79	614.66	1,077.97	4.91	475.82	27.96	503.78	7.19	25.83	33.02	0.00	436,521.99	0.00	10.20	0.00	436,736.15
2030	114.09	546.03	936.87	4.91	475.82	26.11	501.94	7.19	24.14	31.33	0.00	425,815.77	0.00	8.83	0.00	426,001.28
2031	114.09	546.03	936.87	4.91	475.82	26.11	501.94	7.19	24.14	31.33	0.00	425,815.77	0.00	8.83	0.00	426,001.28
2032	114.09	546.03	936.87	4.91	475.82	26.11	501.94	7.19	24.14	31.33	0.00	425,815.77	0.00	8.83	0.00	426,001.28

	ROG	NOx	CO	SO2	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					
2033	4,239.64	9.63	115.32	0.61	82.30	2.61	84.91	1.11	2.43	3.54	0.00	46,557.35	0.00	1.36	0.00	46,585.93
2034	4,239.64	9.63	115.32	0.61	82.30	2.61	84.91	1.11	2.43	3.54	0.00	46,557.35	0.00	1.36	0.00	46,585.93
2035	4,237.89	8.10	104.36	0.63	82.30	2.73	85.03	1.11	2.53	3.64	0.00	46,238.40	0.00	1.27	0.00	46,265.17
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	3,050.59	84.36	6,288.84	8.51		0.00	580.78		0.00	580.39	72,551.33	586,154.22		304.96	11.61	668,708.37
Energy	32.19	278.78	144.43	1.76		0.00	22.24		0.00	22.24		351,123.93		6.73	6.44	353,260.81
Mobile	5,121.73	27,764.77	41,040.14	79.52	8,355.35	1,036.15	9,391.51	333.90	1,036.15	1,370.06		9,082,593.90		296.84		9,088,827.51
Total	8,204.51	28,127.91	47,473.41	89.79	8,355.35	1,036.15	9,994.53	333.90	1,036.15	1,972.69	72,551.33	10,019,872.05		608.53	18.05	10,110,796.69

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	lb/day										lb/day					
Area	1,897.17	26.58	2,219.60	0.10		0.00	52.92		0.00	52.48	0.00	657,250.69		15.31	11.98	661,287.05
Energy	28.35	245.66	128.19	1.55		0.00	19.59		0.00	19.59		309,241.72		5.93	5.67	311,123.71
Mobile	3,434.57	17,779.13	25,954.87	40.67	4,070.38	553.17	4,623.55	162.66	553.17	715.84		4,695,877.73		173.39		4,699,518.82
Total	5,360.09	18,051.37	28,302.66	42.32	4,070.38	553.17	4,696.06	162.66	553.17	787.91	0.00	5,662,370.14		194.63	17.65	5,671,929.58

3.0 Construction Detail

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

3.2 Demolition - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	8.39	66.18	41.03	0.07		3.21	3.21		3.21	3.21		7,510.81		0.75		7,526.57
Total	8.39	66.18	41.03	0.07		3.21	3.21		3.21	3.21		7,510.81		0.75		7,526.57

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.08	0.09	0.79	0.00	0.23	0.01	0.24	0.01	0.01	0.01		162.07		0.01		162.24
Total	0.08	0.09	0.79	0.00	0.23	0.01	0.24	0.01	0.01	0.01		162.07		0.01		162.24

3.2 Demolition - 2014

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.88	3.96	37.73	0.07		0.20	0.20		0.20	0.20	0.00	7,510.81		0.75		7,526.57
Total	1.88	3.96	37.73	0.07		0.20	0.20		0.20	0.20	0.00	7,510.81		0.75		7,526.57

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.08	0.09	0.79	0.00	0.23	0.01	0.24	0.01	0.01	0.01		162.07		0.01		162.24
Total	0.08	0.09	0.79	0.00	0.23	0.01	0.24	0.01	0.01	0.01		162.07		0.01		162.24

3.3 Site Preparation - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.07	0.00	18.07	9.93	0.00	9.93						0.00
Off-Road	9.37	74.88	43.05	0.07		3.61	3.61		3.61	3.61		7,997.69		0.84		8,015.31
Total	9.37	74.88	43.05	0.07	18.07	3.61	21.68	9.93	3.61	13.54		7,997.69		0.84		8,015.31

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.10	0.10	0.95	0.00	0.28	0.01	0.28	0.01	0.01	0.02		194.48		0.01		194.68
Total	0.10	0.10	0.95	0.00	0.28	0.01	0.28	0.01	0.01	0.02		194.48		0.01		194.68

3.3 Site Preparation - 2014

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.05	0.00	7.05	3.87	0.00	3.87						0.00
Off-Road	2.06	4.22	35.32	0.07		0.21	0.21		0.21	0.21	0.00	7,997.69		0.84		8,015.31
Total	2.06	4.22	35.32	0.07	7.05	0.21	7.26	3.87	0.21	4.08	0.00	7,997.69		0.84		8,015.31

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.10	0.10	0.95	0.00	0.28	0.01	0.28	0.01	0.01	0.02		194.48		0.01		194.68
Total	0.10	0.10	0.95	0.00	0.28	0.01	0.28	0.01	0.01	0.02		194.48		0.01		194.68

3.3 Site Preparation - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.07	0.00	18.07	9.93	0.00	9.93						0.00
Off-Road	8.85	69.73	40.95	0.07		3.29	3.29		3.29	3.29		7,997.69		0.79		8,014.30
Total	8.85	69.73	40.95	0.07	18.07	3.29	21.36	9.93	3.29	13.22		7,997.69		0.79		8,014.30

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.09	0.09	0.87	0.00	0.28	0.01	0.28	0.01	0.01	0.02		189.70		0.01		189.88
Total	0.09	0.09	0.87	0.00	0.28	0.01	0.28	0.01	0.01	0.02		189.70		0.01		189.88

3.3 Site Preparation - 2015

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					7.05	0.00	7.05	3.87	0.00	3.87							0.00
Off-Road	2.06	4.22	35.32	0.07		0.21	0.21		0.21	0.21	0.00	7,997.69		0.79			8,014.30
Total	2.06	4.22	35.32	0.07	7.05	0.21	7.26	3.87	0.21	4.08	0.00	7,997.69		0.79			8,014.30

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	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
Vendor	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
Worker	0.09	0.09	0.87	0.00	0.28	0.01	0.28	0.01	0.01	0.02		189.70		0.01			189.88
Total	0.09	0.09	0.87	0.00	0.28	0.01	0.28	0.01	0.01	0.02		189.70		0.01			189.88

3.4 Grading - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					24.17	0.00	24.17	3.31	0.00	3.31						0.00
Off-Road	10.57	83.24	49.03	0.10		3.80	3.80		3.80	3.80		10,856.65		0.94		10,876.42
Total	10.57	83.24	49.03	0.10	24.17	3.80	27.97	3.31	3.80	7.11		10,856.65		0.94		10,876.42

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.10	0.10	0.96	0.00	0.31	0.01	0.32	0.01	0.01	0.02		210.78		0.01		210.98
Total	0.10	0.10	0.96	0.00	0.31	0.01	0.32	0.01	0.01	0.02		210.78		0.01		210.98

3.4 Grading - 2015

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.43	0.00	9.43	1.29	0.00	1.29						0.00
Off-Road	2.72	5.73	51.55	0.10		0.29	0.29		0.29	0.29	0.00	10,856.65		0.94		10,876.42
Total	2.72	5.73	51.55	0.10	9.43	0.29	9.72	1.29	0.29	1.58	0.00	10,856.65		0.94		10,876.42

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.10	0.10	0.96	0.00	0.31	0.01	0.32	0.01	0.01	0.02		210.78		0.01		210.98
Total	0.10	0.10	0.96	0.00	0.31	0.01	0.32	0.01	0.01	0.02		210.78		0.01		210.98

3.4 Grading - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					24.17	0.00	24.17	3.31	0.00	3.31						0.00
Off-Road	9.95	76.30	47.43	0.10		3.43	3.43		3.43	3.43		10,856.65		0.89		10,875.33
Total	9.95	76.30	47.43	0.10	24.17	3.43	27.60	3.31	3.43	6.74		10,856.65		0.89		10,875.33

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.09	0.09	0.90	0.00	0.31	0.01	0.32	0.01	0.01	0.02		206.09		0.01		206.28
Total	0.09	0.09	0.90	0.00	0.31	0.01	0.32	0.01	0.01	0.02		206.09		0.01		206.28

3.4 Grading - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.43	0.00	9.43	1.29	0.00	1.29						0.00
Off-Road	2.72	5.73	51.55	0.10		0.29	0.29		0.29	0.29	0.00	10,856.65		0.89		10,875.33
Total	2.72	5.73	51.55	0.10	9.43	0.29	9.72	1.29	0.29	1.58	0.00	10,856.65		0.89		10,875.33

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.09	0.09	0.90	0.00	0.31	0.01	0.32	0.01	0.01	0.02		206.09		0.01		206.28
Total	0.09	0.09	0.90	0.00	0.31	0.01	0.32	0.01	0.01	0.02		206.09		0.01		206.28

3.5 Building Construction - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.99	26.52	22.80	0.04		1.58	1.58		1.58	1.58		4,040.61		0.36		4,048.10
Total	3.99	26.52	22.80	0.04		1.58	1.58		1.58	1.58		4,040.61		0.36		4,048.10

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	70.79	917.96	505.47	1.80	64.31	28.25	92.55	4.96	28.25	33.20		188,738.21		3.43		188,810.25
Worker	127.35	125.03	1,207.64	2.97	411.52	11.74	423.26	15.38	11.74	27.12		276,286.23		12.28		276,544.17
Total	198.14	1,042.99	1,713.11	4.77	475.83	39.99	515.81	20.34	39.99	60.32		465,024.44		15.71		465,354.42

3.5 Building Construction - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.36		4,048.10
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.36		4,048.10

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	70.79	917.96	505.47	1.80	64.31	28.25	92.55	4.96	28.25	33.20		188,738.21		3.43		188,810.25
Worker	127.35	125.03	1,207.64	2.97	411.52	11.74	423.26	15.38	11.74	27.12		276,286.23		12.28		276,544.17
Total	198.14	1,042.99	1,713.11	4.77	475.83	39.99	515.81	20.34	39.99	60.32		465,024.44		15.71		465,354.42

3.5 Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.66	24.08	22.64	0.04		1.39	1.39		1.39	1.39		4,040.61		0.33		4,047.45
Total	3.66	24.08	22.64	0.04		1.39	1.39		1.39	1.39		4,040.61		0.33		4,047.45

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	65.27	846.72	478.31	1.80	64.31	25.58	89.88	4.96	25.58	30.53		188,777.51		3.15		188,843.74
Worker	119.53	113.82	1,111.64	2.97	411.52	11.82	423.33	15.38	11.82	27.19		270,136.63		11.46		270,377.20
Total	184.80	960.54	1,589.95	4.77	475.83	37.40	513.21	20.34	37.40	57.72		458,914.14		14.61		459,220.94

3.5 Building Construction - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.33		4,047.45
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.33		4,047.45

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	65.27	846.72	478.31	1.80	64.31	25.58	89.88	4.96	25.58	30.53		188,777.51		3.15		188,843.74
Worker	119.53	113.82	1,111.64	2.97	411.52	11.82	423.33	15.38	11.82	27.19		270,136.63		11.46		270,377.20
Total	184.80	960.54	1,589.95	4.77	475.83	37.40	513.21	20.34	37.40	57.72		458,914.14		14.61		459,220.94

3.5 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.34	21.78	22.50	0.04		1.20	1.20		1.20	1.20		4,040.62		0.30		4,046.87
Total	3.34	21.78	22.50	0.04		1.20	1.20		1.20	1.20		4,040.62		0.30		4,046.87

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	60.50	785.48	455.48	1.80	64.31	23.30	87.60	1.64	21.43	23.07		188,810.33		2.92		188,871.58
Worker	112.32	103.68	1,023.76	2.97	411.52	11.90	423.41	5.55	11.04	16.59		264,353.63		10.72		264,578.66
Total	172.82	889.16	1,479.24	4.77	475.83	35.20	511.01	7.19	32.47	39.66		453,163.96		13.64		453,450.24

3.5 Building Construction - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.30		4,046.87
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.30		4,046.87

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	60.50	785.48	455.48	1.80	64.31	23.30	87.60	1.64	21.43	23.07		188,810.33		2.92		188,871.58
Worker	112.32	103.68	1,023.76	2.97	411.52	11.90	423.41	5.55	11.04	16.59		264,353.63		10.72		264,578.66
Total	172.82	889.16	1,479.24	4.77	475.83	35.20	511.01	7.19	32.47	39.66		453,163.96		13.64		453,450.24

3.5 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.05	19.73	22.36	0.04		1.03	1.03		1.03	1.03		4,040.62		0.27		4,046.36
Total	3.05	19.73	22.36	0.04		1.03	1.03		1.03	1.03		4,040.62		0.27		4,046.36

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	56.65	733.21	436.53	1.80	64.31	21.37	85.68	1.64	19.66	21.30		188,843.82		2.72		188,901.01
Worker	106.78	95.08	950.99	2.97	411.52	11.97	423.49	5.55	11.11	16.66		259,036.07		10.06		259,247.39
Total	163.43	828.29	1,387.52	4.77	475.83	33.34	509.17	7.19	30.77	37.96		447,879.89		12.78		448,148.40

3.5 Building Construction - 2019

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.27		4,046.36
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.27		4,046.36

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	56.65	733.21	436.53	1.80	64.31	21.37	85.68	1.64	19.66	21.30		188,843.82		2.72		188,901.01
Worker	106.78	95.08	950.99	2.97	411.52	11.97	423.49	5.55	11.11	16.66		259,036.07		10.06		259,247.39
Total	163.43	828.29	1,387.52	4.77	475.83	33.34	509.17	7.19	30.77	37.96		447,879.89		12.78		448,148.40

3.5 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.80	17.88	22.24	0.04		0.88	0.88		0.88	0.88		4,040.62		0.25		4,045.85
Total	2.80	17.88	22.24	0.04		0.88	0.88		0.88	0.88		4,040.62		0.25		4,045.85

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	53.27	688.33	418.68	1.80	64.31	19.73	84.03	1.64	18.15	19.79		188,870.65		2.56		188,924.32
Worker	102.00	87.40	886.85	2.97	411.52	11.97	423.49	5.55	11.11	16.66		254,146.25		9.41		254,343.85
Total	155.27	775.73	1,305.53	4.77	475.83	31.70	507.52	7.19	29.26	36.45		443,016.90		11.97		443,268.17

3.5 Building Construction - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.25		4,045.85
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.25		4,045.85

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	53.27	688.33	418.68	1.80	64.31	19.73	84.03	1.64	18.15	19.79		188,870.65		2.56		188,924.32
Worker	102.00	87.40	886.85	2.97	411.52	11.97	423.49	5.55	11.11	16.66		254,146.25		9.41		254,343.85
Total	155.27	775.73	1,305.53	4.77	475.83	31.70	507.52	7.19	29.26	36.45		443,016.90		11.97		443,268.17

3.5 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.56	16.08	22.10	0.04		0.74	0.74		0.74	0.74		4,040.61		0.23		4,045.38
Total	2.56	16.08	22.10	0.04		0.74	0.74		0.74	0.74		4,040.61		0.23		4,045.38

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	51.01	646.45	403.54	1.80	64.31	18.24	82.54	1.64	16.78	18.42		189,345.45		2.44		189,396.67
Worker	98.32	81.10	843.77	3.05	411.52	12.35	423.87	5.55	11.42	16.97		251,685.59		9.15		251,877.72
Total	149.33	727.55	1,247.31	4.85	475.83	30.59	506.41	7.19	28.20	35.39		441,031.04		11.59		441,274.39

3.5 Building Construction - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.23		4,045.38
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.23		4,045.38

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	51.01	646.45	403.54	1.80	64.31	18.24	82.54	1.64	16.78	18.42		189,345.45		2.44		189,396.67
Worker	98.32	81.10	843.77	3.05	411.52	12.35	423.87	5.55	11.42	16.97		251,685.59		9.15		251,877.72
Total	149.33	727.55	1,247.31	4.85	475.83	30.59	506.41	7.19	28.20	35.39		441,031.04		11.59		441,274.39

3.5 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.38	14.57	22.04	0.04		0.62	0.62		0.62	0.62		4,040.61		0.21		4,045.05
Total	2.38	14.57	22.04	0.04		0.62	0.62		0.62	0.62		4,040.61		0.21		4,045.05

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	48.74	615.81	391.32	1.80	64.31	17.16	81.46	1.64	15.79	17.43		189,376.38		2.32		189,425.11
Worker	94.44	75.21	793.25	3.05	411.52	12.35	423.86	5.55	11.41	16.96		247,629.01		8.66		247,810.82
Total	143.18	691.02	1,184.57	4.85	475.83	29.51	505.32	7.19	27.20	34.39		437,005.39		10.98		437,235.93

3.5 Building Construction - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.21		4,045.05
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.21		4,045.05

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	48.74	615.81	391.32	1.80	64.31	17.16	81.46	1.64	15.79	17.43		189,376.38		2.32		189,425.11
Worker	94.44	75.21	793.25	3.05	411.52	12.35	423.86	5.55	11.41	16.96		247,629.01		8.66		247,810.82
Total	143.18	691.02	1,184.57	4.85	475.83	29.51	505.32	7.19	27.20	34.39		437,005.39		10.98		437,235.93

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.23	13.23	21.99	0.04		0.52	0.52		0.52	0.52		4,040.61		0.20		4,044.79
Total	2.23	13.23	21.99	0.04		0.52	0.52		0.52	0.52		4,040.61		0.20		4,044.79

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	46.92	590.56	381.36	1.80	64.31	16.27	80.57	1.64	14.97	16.61		189,406.29		2.23		189,453.12
Worker	90.75	69.99	747.48	2.97	411.52	12.43	423.95	5.55	11.49	17.04		243,912.91		8.25		244,086.10
Total	137.67	660.55	1,128.84	4.77	475.83	28.70	504.52	7.19	26.46	33.65		433,319.20		10.48		433,539.22

3.5 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.20		4,044.79
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.20		4,044.79

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	46.92	590.56	381.36	1.80	64.31	16.27	80.57	1.64	14.97	16.61		189,406.29		2.23		189,453.12
Worker	90.75	69.99	747.48	2.97	411.52	12.43	423.95	5.55	11.49	17.04		243,912.91		8.25		244,086.10
Total	137.67	660.55	1,128.84	4.77	475.83	28.70	504.52	7.19	26.46	33.65		433,319.20		10.48		433,539.22

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.11	12.06	21.95	0.04		0.45	0.45		0.45	0.45		4,040.62		0.19		4,044.56
Total	2.11	12.06	21.95	0.04		0.45	0.45		0.45	0.45		4,040.62		0.19		4,044.56

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	46.23	567.69	374.36	1.82	64.31	15.53	79.83	1.64	14.29	15.93		190,319.27		2.20		190,365.48
Worker	87.78	65.81	721.07	3.05	411.52	12.95	424.47	5.55	12.01	17.56		245,237.26		8.15		245,408.38
Total	134.01	633.50	1,095.43	4.87	475.83	28.48	504.30	7.19	26.30	33.49		435,556.53		10.35		435,773.86

3.5 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.19		4,044.56
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.19		4,044.56

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	46.23	567.69	374.36	1.82	64.31	15.53	79.83	1.64	14.29	15.93		190,319.27		2.20		190,365.48
Worker	87.78	65.81	721.07	3.05	411.52	12.95	424.47	5.55	12.01	17.56		245,237.26		8.15		245,408.38
Total	134.01	633.50	1,095.43	4.87	475.83	28.48	504.30	7.19	26.30	33.49		435,556.53		10.35		435,773.86

3.5 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.99	11.04	21.92	0.04		0.38	0.38		0.38	0.38		4,040.62		0.17		4,044.28
Total	1.99	11.04	21.92	0.04		0.38	0.38		0.38	0.38		4,040.62		0.17		4,044.28

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	45.04	549.83	367.57	1.82	64.31	14.90	79.21	1.64	13.70	15.34		190,330.63		2.13		190,375.35
Worker	84.53	61.71	686.02	3.05	411.52	12.95	424.47	5.55	12.02	17.57		242,150.74		7.89		242,316.51
Total	129.57	611.54	1,053.59	4.87	475.83	27.85	503.68	7.19	25.72	32.91		432,481.37		10.02		432,691.86

3.5 Building Construction - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.17		4,044.28
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.17		4,044.28

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	45.04	549.83	367.57	1.82	64.31	14.90	79.21	1.64	13.70	15.34		190,330.63		2.13		190,375.35
Worker	84.53	61.71	686.02	3.05	411.52	12.95	424.47	5.55	12.02	17.57		242,150.74		7.89		242,316.51
Total	129.57	611.54	1,053.59	4.87	475.83	27.85	503.68	7.19	25.72	32.91		432,481.37		10.02		432,691.86

3.5 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.99	11.04	21.92	0.04		0.38	0.38		0.38	0.38		4,040.62		0.17		4,044.28
Total	1.99	11.04	21.92	0.04		0.38	0.38		0.38	0.38		4,040.62		0.17		4,044.28

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	45.04	549.83	367.57	1.82	64.31	14.90	79.21	1.64	13.70	15.34		190,330.63		2.13		190,375.35
Worker	84.53	61.71	686.02	3.05	411.52	12.95	424.47	5.55	12.02	17.57		242,150.74		7.89		242,316.51
Total	129.57	611.54	1,053.59	4.87	475.83	27.85	503.68	7.19	25.72	32.91		432,481.37		10.02		432,691.86

3.5 Building Construction - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.17		4,044.28
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.17		4,044.28

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	45.04	549.83	367.57	1.82	64.31	14.90	79.21	1.64	13.70	15.34		190,330.63		2.13		190,375.35
Worker	84.53	61.71	686.02	3.05	411.52	12.95	424.47	5.55	12.02	17.57		242,150.74		7.89		242,316.51
Total	129.57	611.54	1,053.59	4.87	475.83	27.85	503.68	7.19	25.72	32.91		432,481.37		10.02		432,691.86

3.5 Building Construction - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.99	11.04	21.92	0.04		0.38	0.38		0.38	0.38		4,040.62		0.17		4,044.28
Total	1.99	11.04	21.92	0.04		0.38	0.38		0.38	0.38		4,040.62		0.17		4,044.28

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	45.04	549.83	367.57	1.82	64.31	14.90	79.21	1.64	13.70	15.34		190,330.63		2.13		190,375.35
Worker	84.53	61.71	686.02	3.05	411.52	12.95	424.47	5.55	12.02	17.57		242,150.74		7.89		242,316.51
Total	129.57	611.54	1,053.59	4.87	475.83	27.85	503.68	7.19	25.72	32.91		432,481.37		10.02		432,691.86

3.5 Building Construction - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.17		4,044.28
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.17		4,044.28

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	45.04	549.83	367.57	1.82	64.31	14.90	79.21	1.64	13.70	15.34		190,330.63		2.13		190,375.35
Worker	84.53	61.71	686.02	3.05	411.52	12.95	424.47	5.55	12.02	17.57		242,150.74		7.89		242,316.51
Total	129.57	611.54	1,053.59	4.87	475.83	27.85	503.68	7.19	25.72	32.91		432,481.37		10.02		432,691.86

3.5 Building Construction - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.99	11.04	21.92	0.04		0.38	0.38		0.38	0.38		4,040.62		0.17		4,044.28
Total	1.99	11.04	21.92	0.04		0.38	0.38		0.38	0.38		4,040.62		0.17		4,044.28

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	45.04	549.83	367.57	1.82	64.31	14.90	79.21	1.64	13.70	15.34		190,330.63		2.13		190,375.35
Worker	84.53	61.71	686.02	3.05	411.52	12.95	424.47	5.55	12.02	17.57		242,150.74		7.89		242,316.51
Total	129.57	611.54	1,053.59	4.87	475.83	27.85	503.68	7.19	25.72	32.91		432,481.37		10.02		432,691.86

3.5 Building Construction - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.17		4,044.28
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.17		4,044.28

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	45.04	549.83	367.57	1.82	64.31	14.90	79.21	1.64	13.70	15.34		190,330.63		2.13		190,375.35
Worker	84.53	61.71	686.02	3.05	411.52	12.95	424.47	5.55	12.02	17.57		242,150.74		7.89		242,316.51
Total	129.57	611.54	1,053.59	4.87	475.83	27.85	503.68	7.19	25.72	32.91		432,481.37		10.02		432,691.86

3.5 Building Construction - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.99	11.04	21.92	0.04		0.38	0.38		0.38	0.38		4,040.62		0.17		4,044.28
Total	1.99	11.04	21.92	0.04		0.38	0.38		0.38	0.38		4,040.62		0.17		4,044.28

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	45.04	549.83	367.57	1.82	64.31	14.90	79.21	1.64	13.70	15.34		190,330.63		2.13		190,375.35
Worker	84.53	61.71	686.02	3.05	411.52	12.95	424.47	5.55	12.02	17.57		242,150.74		7.89		242,316.51
Total	129.57	611.54	1,053.59	4.87	475.83	27.85	503.68	7.19	25.72	32.91		432,481.37		10.02		432,691.86

3.5 Building Construction - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.17		4,044.28
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.62		0.17		4,044.28

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	45.04	549.83	367.57	1.82	64.31	14.90	79.21	1.64	13.70	15.34		190,330.63		2.13		190,375.35
Worker	84.53	61.71	686.02	3.05	411.52	12.95	424.47	5.55	12.02	17.57		242,150.74		7.89		242,316.51
Total	129.57	611.54	1,053.59	4.87	475.83	27.85	503.68	7.19	25.72	32.91		432,481.37		10.02		432,691.86

3.5 Building Construction - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.66	8.05	21.82	0.04		0.18	0.18		0.18	0.18		4,040.61		0.15		4,043.72
Total	1.66	8.05	21.82	0.04		0.18	0.18		0.18	0.18		4,040.61		0.15		4,043.72

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	41.50	495.53	344.98	1.82	64.31	12.98	77.28	1.64	11.94	13.58		190,377.12		1.94		190,417.77
Worker	71.38	47.39	567.50	3.05	411.52	13.03	424.55	5.55	12.09	17.64		231,398.04		6.75		231,539.79
Total	112.88	542.92	912.48	4.87	475.83	26.01	501.83	7.19	24.03	31.22		421,775.16		8.69		421,957.56

3.5 Building Construction - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.15		4,043.72
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.15		4,043.72

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	41.50	495.53	344.98	1.82	64.31	12.98	77.28	1.64	11.94	13.58		190,377.12		1.94		190,417.77
Worker	71.38	47.39	567.50	3.05	411.52	13.03	424.55	5.55	12.09	17.64		231,398.04		6.75		231,539.79
Total	112.88	542.92	912.48	4.87	475.83	26.01	501.83	7.19	24.03	31.22		421,775.16		8.69		421,957.56

3.5 Building Construction - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.66	8.05	21.82	0.04		0.18	0.18		0.18	0.18		4,040.61		0.15		4,043.72
Total	1.66	8.05	21.82	0.04		0.18	0.18		0.18	0.18		4,040.61		0.15		4,043.72

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	41.50	495.53	344.98	1.82	64.31	12.98	77.28	1.64	11.94	13.58		190,377.12		1.94		190,417.77
Worker	71.38	47.39	567.50	3.05	411.52	13.03	424.55	5.55	12.09	17.64		231,398.04		6.75		231,539.79
Total	112.88	542.92	912.48	4.87	475.83	26.01	501.83	7.19	24.03	31.22		421,775.16		8.69		421,957.56

3.5 Building Construction - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.15		4,043.72
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.15		4,043.72

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	41.50	495.53	344.98	1.82	64.31	12.98	77.28	1.64	11.94	13.58		190,377.12		1.94		190,417.77
Worker	71.38	47.39	567.50	3.05	411.52	13.03	424.55	5.55	12.09	17.64		231,398.04		6.75		231,539.79
Total	112.88	542.92	912.48	4.87	475.83	26.01	501.83	7.19	24.03	31.22		421,775.16		8.69		421,957.56

3.5 Building Construction - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.66	8.05	21.82	0.04		0.18	0.18		0.18	0.18		4,040.61		0.15		4,043.72
Total	1.66	8.05	21.82	0.04		0.18	0.18		0.18	0.18		4,040.61		0.15		4,043.72

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	41.50	495.53	344.98	1.82	64.31	12.98	77.28	1.64	11.94	13.58		190,377.12		1.94		190,417.77
Worker	71.38	47.39	567.50	3.05	411.52	13.03	424.55	5.55	12.09	17.64		231,398.04		6.75		231,539.79
Total	112.88	542.92	912.48	4.87	475.83	26.01	501.83	7.19	24.03	31.22		421,775.16		8.69		421,957.56

3.5 Building Construction - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.15		4,043.72
Total	1.22	3.12	24.38	0.04		0.11	0.11		0.11	0.11	0.00	4,040.61		0.15		4,043.72

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	41.50	495.53	344.98	1.82	64.31	12.98	77.28	1.64	11.94	13.58		190,377.12		1.94		190,417.77
Worker	71.38	47.39	567.50	3.05	411.52	13.03	424.55	5.55	12.09	17.64		231,398.04		6.75		231,539.79
Total	112.88	542.92	912.48	4.87	475.83	26.01	501.83	7.19	24.03	31.22		421,775.16		8.69		421,957.56

3.6 Paving - 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	1.89	11.70	19.20	0.03		0.52	0.52		0.52	0.52		2,917.65		0.17		2,921.18
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	1.89	11.70	19.20	0.03		0.52	0.52		0.52	0.52		2,917.65		0.17		2,921.18

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.04	0.03	0.32	0.00	0.23	0.01	0.24	0.00	0.01	0.01		129.46		0.00		129.54
Total	0.04	0.03	0.32	0.00	0.23	0.01	0.24	0.00	0.01	0.01		129.46		0.00		129.54

3.6 Paving - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.87	1.54	19.00	0.03		0.08	0.08		0.08	0.08	0.00	2,917.65		0.17		2,921.18
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	0.87	1.54	19.00	0.03		0.08	0.08		0.08	0.08	0.00	2,917.65		0.17		2,921.18

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.04	0.03	0.32	0.00	0.23	0.01	0.24	0.00	0.01	0.01		129.46		0.00		129.54
Total	0.04	0.03	0.32	0.00	0.23	0.01	0.24	0.00	0.01	0.01		129.46		0.00		129.54

3.6 Paving - 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	1.89	11.70	19.20	0.03		0.52	0.52		0.52	0.52		2,917.65		0.17		2,921.18
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	1.89	11.70	19.20	0.03		0.52	0.52		0.52	0.52		2,917.65		0.17		2,921.18

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.04	0.03	0.32	0.00	0.23	0.01	0.24	0.00	0.01	0.01		129.46		0.00		129.54
Total	0.04	0.03	0.32	0.00	0.23	0.01	0.24	0.00	0.01	0.01		129.46		0.00		129.54

3.6 Paving - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.87	1.54	19.00	0.03		0.08	0.08		0.08	0.08	0.00	2,917.65		0.17		2,921.18
Paving	0.00					0.00	0.00		0.00	0.00						0.00
Total	0.87	1.54	19.00	0.03		0.08	0.08		0.08	0.08	0.00	2,917.65		0.17		2,921.18

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	0.04	0.03	0.32	0.00	0.23	0.01	0.24	0.00	0.01	0.01		129.46		0.00		129.54
Total	0.04	0.03	0.32	0.00	0.23	0.01	0.24	0.00	0.01	0.01		129.46		0.00		129.54

3.7 Architectural Coating - 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					
Archit. Coating	4,225.28					0.00	0.00		0.00	0.00						0.00
Off-Road	0.13	0.86	1.80	0.00		0.02	0.02		0.02	0.02		281.19		0.01		281.43
Total	4,225.41	0.86	1.80	0.00		0.02	0.02		0.02	0.02		281.19		0.01		281.43

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	14.27	9.48	113.49	0.61	82.30	2.61	84.90	1.11	2.42	3.53		46,276.16		1.35		46,304.50
Total	14.27	9.48	113.49	0.61	82.30	2.61	84.90	1.11	2.42	3.53		46,276.16		1.35		46,304.50

3.7 Architectural Coating - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Archit. Coating	4,225.28					0.00	0.00		0.00	0.00							0.00
Off-Road	0.08	0.15	1.83	0.00		0.01	0.01		0.01	0.01	0.00	281.19		0.01			281.43
Total	4,225.36	0.15	1.83	0.00		0.01	0.01		0.01	0.01	0.00	281.19		0.01			281.43

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	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
Vendor	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
Worker	14.27	9.48	113.49	0.61	82.30	2.61	84.90	1.11	2.42	3.53		46,276.16		1.35			46,304.50
Total	14.27	9.48	113.49	0.61	82.30	2.61	84.90	1.11	2.42	3.53		46,276.16		1.35			46,304.50

3.7 Architectural Coating - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4,225.28					0.00	0.00		0.00	0.00						0.00
Off-Road	0.13	0.86	1.80	0.00		0.02	0.02		0.02	0.02		281.19		0.01		281.43
Total	4,225.41	0.86	1.80	0.00		0.02	0.02		0.02	0.02		281.19		0.01		281.43

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	14.27	9.48	113.49	0.61	82.30	2.61	84.90	1.11	2.42	3.53		46,276.16		1.35		46,304.50
Total	14.27	9.48	113.49	0.61	82.30	2.61	84.90	1.11	2.42	3.53		46,276.16		1.35		46,304.50

3.7 Architectural Coating - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4,225.28					0.00	0.00		0.00	0.00						0.00
Off-Road	0.08	0.15	1.83	0.00		0.01	0.01		0.01	0.01	0.00	281.19		0.01		281.43
Total	4,225.36	0.15	1.83	0.00		0.01	0.01		0.01	0.01	0.00	281.19		0.01		281.43

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	14.27	9.48	113.49	0.61	82.30	2.61	84.90	1.11	2.42	3.53		46,276.16		1.35		46,304.50
Total	14.27	9.48	113.49	0.61	82.30	2.61	84.90	1.11	2.42	3.53		46,276.16		1.35		46,304.50

3.7 Architectural Coating - 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					
Archit. Coating	4,225.28					0.00	0.00		0.00	0.00						0.00
Off-Road	0.12	0.76	1.79	0.00		0.01	0.01		0.01	0.01		281.19		0.01		281.41
Total	4,225.40	0.76	1.79	0.00		0.01	0.01		0.01	0.01		281.19		0.01		281.41

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	12.52	7.95	102.53	0.62	82.30	2.73	85.02	1.11	2.52	3.63		45,957.21		1.26		45,983.76
Total	12.52	7.95	102.53	0.62	82.30	2.73	85.02	1.11	2.52	3.63		45,957.21		1.26		45,983.76

3.7 Architectural Coating - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4,225.28					0.00	0.00		0.00	0.00						0.00
Off-Road	0.08	0.15	1.83	0.00		0.01	0.01		0.01	0.01	0.00	281.19		0.01		281.41
Total	4,225.36	0.15	1.83	0.00		0.01	0.01		0.01	0.01	0.00	281.19		0.01		281.41

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	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
Vendor	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
Worker	12.52	7.95	102.53	0.62	82.30	2.73	85.02	1.11	2.52	3.63		45,957.21		1.26		45,983.76
Total	12.52	7.95	102.53	0.62	82.30	2.73	85.02	1.11	2.52	3.63		45,957.21		1.26		45,983.76

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

- Increase Density
- Increase Diversity
- Improve Walkability Design
- Increase Transit Accessibility
- Improve Pedestrian Network
- Provide Traffic Calming Measures
- Unbundle Parking Cost
- Expand Transit Network
- Implement Trip Reduction Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3,434.57	17,779.13	25,954.87	40.67	4,070.38	553.17	4,623.55	162.66	553.17	715.84		4,695,877.73		173.39		4,699,518.82
Unmitigated	5,121.73	27,764.77	41,040.14	79.52	8,355.35	1,036.15	9,391.51	333.90	1,036.15	1,370.06		9,082,593.90		296.84		9,088,827.51
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	138,759.04	150,760.96	127809.92	462,648,241	238,745,683
General Light Industry	40,656.57	7,699.67	3966.49	103,605,660	48,354,039
General Office Building	44,799.47	9,643.48	3987.60	108,409,125	51,045,323
Regional Shopping Center	420,467.62	489,305.24	247149.58	1,063,328,181	499,605,857
Single Family Housing	126,697.23	133,449.12	116106.03	420,147,836	216,813,711
Total	771,379.93	790,858.47	499,019.62	2,158,139,043	1,054,564,613

4.3 Trip Type Information

Land Use	Miles			Trip %		
	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
Apartments Mid Rise	12.70	7.00	9.50	40.20	19.20	40.60
General Light Industry	8.90	13.30	7.40	59.00	28.00	13.00
General Office Building	8.90	13.30	7.40	33.00	48.00	19.00
Regional Shopping Center	8.90	13.30	7.40	16.30	64.70	19.00
Single Family Housing	12.70	7.00	9.50	40.20	19.20	40.60

5.0 Energy Detail

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Percent of Electricity Use Generated with Renewable 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	28.35	245.66	128.19	1.55		0.00	19.59		0.00	19.59		309,241.72		5.93	5.67	311,123.71
NaturalGas Unmitigated	32.19	278.78	144.43	1.76		0.00	22.24		0.00	22.24		351,123.93		6.73	6.44	353,260.81
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	lb/day										lb/day					
Apartments Mid Rise	879731	9.49	81.07	34.50	0.52		0.00	6.55		0.00	6.55		103,497.79		1.98	1.90	104,127.66
General Light Industry	532008	5.74	52.16	43.81	0.31		0.00	3.96		0.00	3.96		62,589.23		1.20	1.15	62,970.14
General Office Building	40689.8	0.44	3.99	3.35	0.02		0.00	0.30		0.00	0.30		4,787.04		0.09	0.09	4,816.17
Regional Shopping Center	62239.4	0.67	6.10	5.13	0.04		0.00	0.46		0.00	0.46		7,322.29		0.14	0.13	7,366.85
Single Family Housing	1.46988e+006	15.85	135.46	57.64	0.86		0.00	10.95		0.00	10.95		172,927.58		3.31	3.17	173,979.99
Total		32.19	278.78	144.43	1.75		0.00	22.22		0.00	22.22		351,123.93		6.72	6.44	353,260.81

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	lb/day										lb/day					
Apartments Mid Rise	764.868	8.25	70.49	29.99	0.45		0.00	5.70		0.00	5.70		89,984.42		1.72	1.65	90,532.05
General Light Industry	493.27	5.32	48.36	40.62	0.29		0.00	3.68		0.00	3.68		58,031.82		1.11	1.06	58,384.99
General Office Building	34.5863	0.37	3.39	2.85	0.02		0.00	0.26		0.00	0.26		4,068.98		0.08	0.07	4,093.74
Regional Shopping Center	54.1108	0.58	5.30	4.46	0.03		0.00	0.40		0.00	0.40		6,365.97		0.12	0.12	6,404.71
Single Family Housing	1281.72	13.82	118.12	50.26	0.75		0.00	9.55		0.00	9.55		150,790.52		2.89	2.76	151,708.21
Total		28.34	245.66	128.18	1.54		0.00	19.59		0.00	19.59		309,241.71		5.92	5.66	311,123.70

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Electric Lawnmower
- Use Electric Leafblower
- Use Electric Chainsaw
- Use Low VOC Paint - Residential Interior
- Use Low VOC Paint - Residential Exterior
- Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Use only Natural Gas Hearths

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1,897.17	26.58	2,219.60	0.10		0.00	52.92		0.00	52.48	0.00	657,250.69		15.31	11.98	661,287.05
Unmitigated	3,050.59	84.36	6,288.84	8.51		0.00	580.78		0.00	580.39	72,551.33	586,154.22		304.96	11.61	668,708.37
Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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	509.35					0.00	0.00		0.00	0.00							0.00
Consumer Products	1,382.02					0.00	0.00		0.00	0.00							0.00
Hearth	1,065.90	50.10	3,371.36	8.36		0.00	565.23		0.00	564.84	72,551.33	580,997.65		299.60	11.61		663,439.23
Landscaping	93.33	34.26	2,917.47	0.15		0.00	15.56		0.00	15.56		5,156.57		5.36			5,269.13
Total	3,050.60	84.36	6,288.83	8.51		0.00	580.79		0.00	580.40	72,551.33	586,154.22		304.96	11.61		668,708.36

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	509.35					0.00	0.00		0.00	0.00							0.00
Consumer Products	1,278.69					0.00	0.00		0.00	0.00							0.00
Hearth	59.92	0.00	3.27	0.00		0.00	41.40		0.00	40.96	0.00	653,622.35		12.53	11.98		657,600.19
Landscaping	49.21	26.58	2,216.34	0.10		0.00	11.52		0.00	11.52		3,628.33		2.79			3,686.86
Total	1,897.17	26.58	2,219.61	0.10		0.00	52.92		0.00	52.48	0.00	657,250.68		15.32	11.98		661,287.05

7.0 Water Detail

7.1 Mitigation Measures Water

Use Reclaimed Water

Use Grey Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Turf Reduction

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Vegetation
